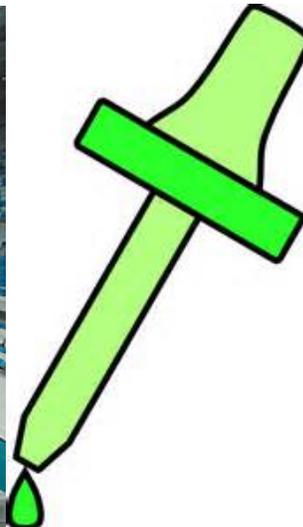


Testing Results for Lead in Drinking Water for NSA Hampton Roads – Northwest Annex Youth Center - Building 432

The Navy is committed to maintaining safe drinking water on its installations. City water supplied to the Navy and the Navy's water distribution system is regularly tested and in compliance with the Safe Drinking Water Act. Because lead exposure is a particular concern for children, and lead may be added to drinking water through the pipes, fittings, solder, and fixtures inside a building, the EPA recommends, but does not mandate, that we test the lead content of drinking water in priority areas such as youth centers (YC), child development centers (CDC), and child development group homes (CDGH).

Navy environmental personnel conducted lead testing at the NSA Hampton Roads – Northwest Annex YC - Building 432 in accordance with Navy and EPA guidelines. Samples from various locations in the YC were sent to a state-certified laboratory for analysis.

At the NSA Hampton Roads – Northwest Annex YC - Building 432, outlets used for drinking and cooking, as well as outlets used for hand washing were tested. All six of the outlets tested were within EPA's recommended lead level of 20 ppb. One part per billion is equal to one drop of water in an Olympic-size swimming pool.



A copy of all test results is enclosed for your information. The test results are presented in two tables:

- Table 1 **Summary of Results** summarizes the data by category of use (e.g., drinking, cooking, washing).
- Table 2 **Summary Statistics** summarizes all the data.

Table 1 provides a description of each sampling location using three columns; *Category*, *Sampling ID*, and *Outlet Description*. The *Category* column gives information about whether the outlet is used for drinking water (water fountain), cooking (food preparation), or washing (primarily hand-washing). The *Sample ID* column is the identifier used to label each sample

bottle. The *Outlet Description* column contains additional information to describe the outlet sampled under each category.

The next set of columns in **Table 1** provide *Initial Sampling Results*, and for those locations that exceeded the recommended level of 20 ppb, the *Re-sampling Results*.

EPA sampling protocol requires water to not be used for between 8 and 18 hours prior to first draw sampling. Therefore, the *Initial Sampling Results* include a sub-column for *First Draw* samples collected early in the morning before the YC opened and before any water was used. Additional sub-columns indicate whether *Retesting* is required and the *Date Secured* for fixtures greater than 20 ppb.

The *Re-sampling Results* columns are annotated N/A since all samples at the NSA Hampton Roads – Northwest Annex YC - Building 432 were within EPA recommended levels.

The *Corrective Actions* column describes actions that have been taken to remediate the source of lead. In the event that future fixtures or upstream piping is replaced, there are columns for *Post Remediation Sampling* data that will be documented to confirm that these corrective actions were successful in reducing lead below 20 ppb.

To learn more about lead in drinking water schools and day care centers visit this EPA website at: http://water.epa.gov/drink/info/lead/schools_index.cfm.

To learn more about your home's public water supplier, see their annual water quality report: Norfolk: <http://www.norfolk.gov/index.aspx?nid=657>

Virginia Beach: <http://www.vbgov.com/government/departments/public-utilities/water-quality/Pages/default.aspx>

Chesapeake: http://www.cityofchesapeake.net/Government/City-Departments/Departments/Public-Utilities-Department/chesapeake-water/water_quality.htm

Navy Water Quality Reports: https://navfac.navy.mil/navfac_worldwide/atlantic/fecs/mid-atlantic/about_us/environmental_norfolk/environmental_compliance.html

To answer any questions you may have on the sampling program contact the NSA Hampton Roads – Northwest Annex Public Affairs Officer at (757) 836-1484. If you have any health questions or concerns, we encourage you to call your health care provider or, if you are a TRICARE beneficiary, contact the Regional Nurse Advice Line (1-800-TRICARE, press option 1) or use the Regional Appointment Center at 1-866-645-4584 to schedule an appointment with your primary care provider.

Priority Areas Lead Testing and Corrective Actions (August 2014)
NSA HR Northwest Annex SAC/Youth Center
Building 432

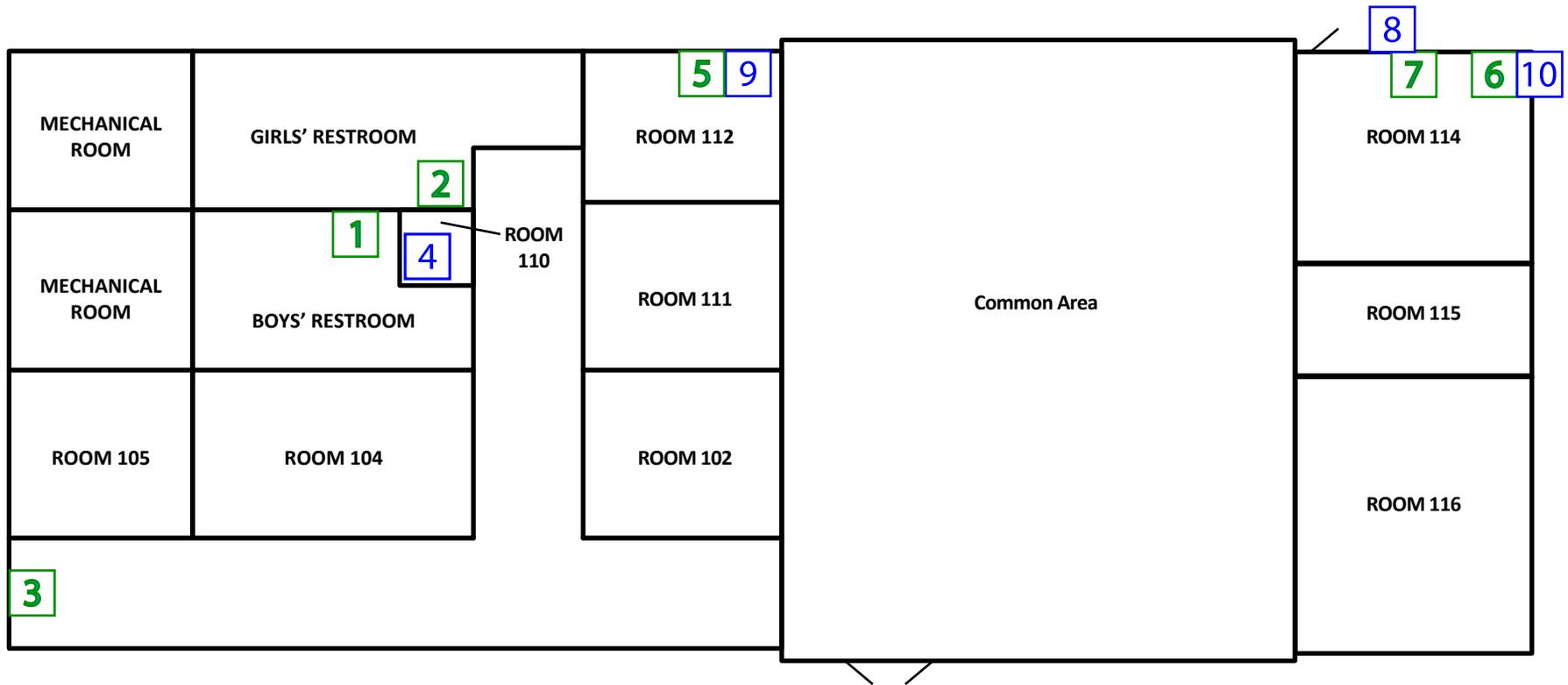
Table 1. Summary of Results

SAMPLING LOCATION DESCRIPTION			INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS	POST REMEDIATION SAMPLING RESULTS	
CATEGORY Water Intended For:	SAMPLE ID	Outlet Description	First Draw (ppb) [Enter non-detect/numeric value]	Retest required? [Enter YES/NO]	Date Fixture Secured? [Enter mm/dd/yyyy]	Recommended Level = 20ppb			Description	Recommended Level = 20ppb	
						Water Fountain 15 min. Follow up Flush Sample - Collected day before First Draw Sampling (ppb) [Enter non-detect/numeric value]	First Draw (ppb) [Enter non-detect/numeric value]	Follow up Flush - Collected 30 seconds after First Draw Sampling (ppb) [Enter non-detect/numeric value]		First Draw (ppb) (See note 2) [Enter non-detect/numeric value]	Follow up Flush - Collected 30 seconds after First Draw Sampling (ppb) [Enter non-detect/numeric value]
SAMPLING DATE			8/8/2014								
RESULTS DATE			8/18/2014								
DRINKING	NW-432-HALL-WFC-FD	Water fountain (cooler)	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DRINKING	NW-432-K114-ICE-FD	Kitchen ice maker	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
COOKING/WASHING	NW-432-K114-K-FD	Main Kitchen Sink	2	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	NW-432-BATHB-HHW-FD	Boys' Restroom hand-washing sink	2	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	NW-432-BATHG-HHW-FD	Girls' Restroom hand-washing sink	2	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	NW-432-RM112-HHW-FD	Art Room/Room 112 hand-washing sink	6	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Notes:

Table 2. Summary Statistics

CATEGORY	INITIAL SAMPLING RESULTS	RE-SAMPLING RESULTS			POST REMEDIATION
	First Draw	Water Fountain Follow up Flush Sample - Collected day before First Draw Sampling	First Draw	Follow up Flush - Collected 30 seconds after First Draw Sampling	First Draw
Total Drinking	2	0	0	0	0
Total Drinking > 20 ppb	0	0	0	0	0
Total Cook/Brush	1	0	0	0	0
Total Cook/Brush > 20 ppb	0	0	0	0	0
Total Washing	3	0	0	0	0
Total Washing > 20 ppb	0	0	0	0	0
Total Samples	6	0	0	0	0
Total Samples > 20 ppb	0	0	0	0	0



Red = Above 20 ppb
 Green = Below 20 ppb
 Blue = Not Sampled

BUILDING 432 - FIRST FLOOR PLAN
 NOT TO SCALE

No.	Type of Fixture	Location Description	Sampled?	Exceeded?
1	High hand washing faucet	Boys' restroom	Yes	No
2	High hand washing faucet	Girls' restroom	Yes	No
3	Water fountain (cooler)	Hall	Yes	No
4	Utility sink - not for drinking	Room 110	No	N/A
5	High hand washing faucet - for clean up only	Room 112	Yes	No
6	Kitchen sink for food prep	Room 114 (Kitchen)	Yes	No
7	Stand-alone ice maker	Room 114 (Kitchen)	Yes	No
8	Hose outlet - not for drinking	Outside	No	N/A
9	Dishwasher sprayer	Room 112	No	N/A
10	Dishwasher sprayer	Room 114 (Kitchen)	No	N/A