

NAVFAC Southeast

Public Works Department
Environmental Division
2401 Upper Nixon Ave. Gulfport, MS 39501

**Storm Water Management Program
(SWMP)**

**Naval Construction Battalion Center
Gulfport, Mississippi**

Effective from 18 Mar 2016 to 28 Feb 2021

Executive Summary

This Stormwater Management Program (SWMP) is required in accordance with the Mississippi Department of Environmental Quality (MDEQ) Small Municipal Separate Storm Sewer Systems (MS4) General Permit No. MSRMS4 issued 18 Mar 2016 in accordance with the provisions of the Mississippi Water Pollution Control Law (Section 49-17-1 et seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder, and under authority granted pursuant to Section 402(b) of the Federal Water Pollution Control Act.

This SWMP documents the activities to meet the permit requirements. The SWMP describes actions to protect and minimize the pollution of stormwater discharging from the installation storm sewer system to state or federal waters. The permit requires six Minimum Control Measures (MCMs) to be implemented. The permit specifies the actions and documentation required to meet compliance with each MCM. These actions are listed as best management practices (BMPs). Each BMP clarifies the activity performed, identifies who is responsible for the action, briefly describes the process, indicates the schedule in relationship to the permit term and clarifies documentation kept on file.

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Acronyms

| | |
|---------|--|
| BMPs | Best Management Practices |
| BOSC | Base Operations and Services Contractor |
| CS | Construction Site |
| DOD | Department of Defense |
| ECATTS | Environmental Compliance Assessment, Training, and Tracking System |
| EISA | Energy Independence and Security Act of 2007 |
| EPR | Environmental Programs Requirement |
| FEAD | Facilities Engineering and Acquisition Division |
| GH | Good Housekeeping |
| GIS | Geographic Information System |
| GRC | GeoReadiness Center |
| ID | Illicit Discharge |
| IDDE | Illicit Discharge Detection Elimination |
| MCM | Minimum Control Measure |
| MDEQ | Mississippi Department of Environmental Quality |
| MS4 | Municipal Separate Storm Sewer System |
| MSGP | Multi Sector General Permit |
| MWR | Moral Welfare and Recreation |
| NCBCGPT | Naval Construction Battalion Center Gulfport |
| NAVFAC | Naval Facilities Engineering Command |
| NFADS | Naval Facilities Asset Data Store |
| NLT | No Later Than |
| NOC | Notice of Change |
| NOI | Notice of Intent |
| NPDES | National Pollution Discharge Elimination System |
| PAO | Public Affairs Office |
| PE | Public Education |
| PI | Public Awareness |
| POC | Pollutant of Concern |
| PWD EV | Public Works Department, Environmental Division |
| SWMP | Stormwater Management Program |
| SWP3 | Stormwater Pollution Prevention Plan |
| TMDL | Total Maximum Daily Load |

1.0 General Information

1.1 Background

Ref: Permit, Cover (Title) page and page 1

Mississippi Department of Environmental Quality (MDEQ) under the Mississippi Water Pollution Control Law (Section 49-17-1 et seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder, and under authority granted pursuant to Section 402(b) of the Federal Water Pollution Control Act requires military bases to apply and obtain stormwater system discharge coverage under the state’s Small Municipal Separate Storm Sewer (MS4) Storm Water General Permit.

Naval Construction Battalion Center Gulfport (NCBCGPT) was previously issued a certificate of permit coverage under MDEQ MS4 Storm Water General National Pollution Discharge Elimination System (NPDES) Permit, Coverage No. MSRMS4036 on 6 November 2009 and which expired on 30 December 2013. Per previous notification given to MDEQ of the base’s intent to be covered by the subsequently issued MS4, the base continued operating under the existing permit until MDEQ issued a new MS4 General Permit on 18 March 2016. Per MDEQ “Letter of Instruction for Re-coverage” to NCBCGPT, dated 31 March 2016, the base is required to apply for re-coverage and submit a revised Storm Water Management Program (SWMP) to MDEQ within 60 days from date of the letter.

NCBCGPT occupies 1100 acres. The base is located partly within the city limits of Gulfport and Long Beach, Mississippi. The largest part, as shown in Figure 1-1, is located within the City of Gulfport. Both cities have implemented a stormwater Phase II Program and are neighboring MS4s. The City of Gulfport has a land area of 41,088 acres (64.2 square miles). Stormwater drainage off the base is approximately 70% to north, 5% to east and 25% to the south into the neighboring City of Gulfport MS4. Stormwater from neighboring Long Beach MS4 flowing through Long Beach Canal (Canal No. 1) enters base through a west perimeter inlet and exits through North outfall #3. NCBCGPT is solely responsible for the implementation of its SWMP. NCBCGPT has not established MS4 partnering with the local city MS4s.



Figure 1-1: Vicinity Map

In 2013, an extensive Sanitary Sewer Evaluation Study costing approximately \$640,000 was conducted through all areas of the base. This study consisted of evaluation of all manholes by manual inspection and inspection of all gravity trunk lines via closed circuit television (CCTV). Based on the results from this study, recommendations were made to improve the integrity of the sanitary sewer collection system on base.

Improvement recommendations were applied in 2014, when the NCBCGPT sanitary sewer conveyance system composed of 75,000 linear feet of gravity main lines, 392 manholes and 18 lift stations were significantly upgraded and lined to reduce ground water infiltration and eliminate cross-connections between the sewage and storm sewer system. Repairs cost \$2.3 million and was completed in September 2014.

NCBCGPT has made a determination that it does not contribute pollutants of concern, in particularly pathogens and pH. Approximately seventy percent of the base area drains through six northern outfalls covering all of the light industrial and approximately two thirds of residential and administrative areas of the base. Long Beach Canal (Canal No. 1) which passes through the base from neighboring MS4 is the major recipient of stormwater from this area. The canal drains through north outfall #3 into neighboring MS4 and approximately two miles north of the base into the impaired waterbody of Turkey Creek. Turkey Creek is listed on the 303(d) list of impaired water bodies for pathogens and pH. Approximately twenty-five percent of primarily residential and administrative area flows through five southern outfalls flowing into the neighboring MS4 drainage system and ultimately into the Gulf of Mexico. Approximately five percent flows east through four outfalls into neighboring MS4 system and subsequently into Brickyard Bayou.

NCBCGPT does not have a point source discharge for treated domestic wastewater as it does not perform any wastewater treatment. All domestic sewage and wastewater is discharged into the City of Gulfport wastewater collection system and subsequently into the county utility authority’s Public Owned Treatment Works (POTW). The Navy has recently invested significant funding into ensuring the integrity of its wastewater collection system.

1.2 Area Included in the Program

This plan covers the entire installation located within the fence line. NCBC Gulfport light industrial activities (i.e. warehouses, public works maintenance shops, construction equipment maintenance and repair facilities, and military construction and equipment training facilities) are mostly located in the center portion of base north of Seventh Street and ending at Colby Ave to the west. Military and family housing areas are located in the eastern portion south of the Pass Road main gate, far northwestern portion near Seabee Lake and Park, and the southwestern portion along First St. and Colby Ave. Military Barracks and temporary quarters, recreational, and administrative buildings are located south of Seventh Street. NCBCGPT is excluded from NPDES storm water permitting under the Baseline Storm Water General Permit for Industrial Activities and received acknowledge from MDEQ of receipt of “No Exposure Certification” on 17 July 2015. Recertification of “No Exposure Certification” is required every 5 years or by 16 July 2020. NCBCGPT discharges its sanitary sewer into the City of Gulfport’s sanitary sewer system.

1.3 Receiving Water Bodies

Ref: [Permit, ACT2 \(4\), Page 2 and ACT4 A \(5\), Page 7](#)

NCBCGPT stormwater flows into neighboring MS4s then subsequently into three separate receiving water bodies: To the north into Canal One which flows into the Turkey Creek Basin and ultimately into Turkey Creek; to the east into the neighboring MS4 to Brickyard bayou, and ultimately into Bernard Bayou; and to the south into neighbor MS4 and ultimately into Gulf of Mexico.

| Table 1-1: Water Quality Impaired Water Bodies | | | | |
|--|----------|--------------------|----------------------|---------------------------|
| Water Body | Category | Impaired Use | Pollution of Concern | TMDL |
| Turkey Creek (Segments 202211 and 202214) | 4A* | Fish and Wildlife* | Biological* | pH** Fecal Coliform*** |

Asterisks:

*Mississippi 2014 Section 303(d) List of Impaired Water Bodies, Assessment Categories 1 through 5. Page 7, “A stream with a TMDL, but still impaired, is assessed in category 4A.”, dated 24 July 2014

** TMDL For Low pH in Turkey, Coastal Streams Basin, Harrison County, MS, Final TMDL dated 15 December 2000

***Fecal Coliform TMDL for Turkey Creek, Coastal Streams Basin, Harrison County, MS, Revised Report January 2015

1.4 Targeted Controls and Measurable Goals Due to TMDL

Ref: [Permit, ACT2 \(4\), Page 2 and ACT4 A \(5\), Page 7](#)

All residential and employment areas of the installation are included in the Public Education and Outreach minimal control measure.

Throughout the developed area of the installation the most significant potential for bacteria contamination to the stormwater system and thus the impaired waters is a breakdown of the sanitary sewage system. There are 18 lift stations on the installation. All of the lift stations include visual alarms (lights) and three major ones have audible high level alarms triggering immediate response. Control and management of an illicit discharge is included under the Illicit Discharge, Detection and Elimination minimal control measure.

1.5 Recordkeeping

Ref: [Permit, ACT7, Records Retention, Page 29](#)

All records are kept in the Public Works Department, Environmental Division (PWD EV) office and preserved for at least three years from the date of the MS4 Re-coverage, inspection, or annual report. This SWMP, including a copy of the permit and supporting documentation, are kept in the PWD EV office located at 2401 Upper Nixon Ave., Room 103, on NCBCGPT. Records required by the permit, including the SWMP will be made available to the public by request, 228-871-2026.

1.6 SWMP Management: Updates and Annual Report

Ref: [Permit ACT6 \(3\), pages 24-26, and ACT7 \(Annual Reports\), page 27-29](#)

The PWD EV Stormwater Manager is responsible for the implementation and update to the SWMP. The Stormwater Manager coordinates, as applicable, with other NCBCGPT offices to reach all installation personnel.

The Stormwater Manager is responsible for reviewing and updating the SWMP and permit required written implementation procedures. MDEQ will be notified of all changes to SWMP and changes documented in the annual report, in accordance with the permit.

The Stormwater Manager is responsible for completing the annual report. The annual report addresses the previous reporting year. As noted on the Re-coverage Form, NCBCGPT is using the calendar year as the reporting year. Annual reports are submitted to MDEQ by 28 January for the preceding calendar year.

| Table 1-2: Annual Report Schedule | | |
|--|--------------------------------|----------------|
| Year | Reporting Period | Due NLT |
| Year 1 | 18 Mar 2016 – 31 December 2016 | 28 Jan 2017 |
| Year 2 | 1 January - 31 December 2017 | 28 Jan 2018 |
| Year 3 | 1 January - 31 December 2018 | 28 Jan 2019 |
| Year 4 | 1 January - 31 December 2019 | 28 Jan 2020 |
| Year 5 | 1 January - 13 December 2020 | 28 Jan 2021 |
| Year 6 | 1 January – 28 February 2021 | 28 Jan 2022 |

Note: The permit went into effect on 18 Mar 2016 and thus will terminate on 28 Feb 2021.

1.7 Best Management Practices (BMPs) Schedule

Ref: [Permit, ACT5 \(SWMP Development and Content\)](#), pages 9 - 23

The following table summarizes the schedule for BMP implementation per minimum control measure over the length of the permit.

Table 1-3: BMP Summary and Schedule

| Public Education, Outreach, and Involvement | | | | | | | |
|---|------------------------|--|--|--|--|--|----------------------|
| | 2016-Year 1 | 2017-Year 2 | 2018-Year 3 | 2019-Year 4 | 2020-Year 5 | 2021-Year 6 | Frequency |
| PE-1: Stormwater Pollution Prevention Brochure | Develop and Distribute | Update and Distribute | Update and Distribute | Update and Distribute | Update and Distribute | Update and Distribute | Ongoing |
| PE-2: Base Newspaper Annual Stormwater Article; Quarterly Illicit Discharge Reporting Sticker | Annually; Quarterly | Annually; Quarterly | Annually; Quarterly | Annually; Quarterly | Annually; Quarterly | Annually; Quarterly | Once/Year; Quarterly |
| PE-3: Storm Inlet Stenciling/Placarding | Document & Inventory | Inspect 20%, stencil or re-stencil as needed | Once/Year |
| PI-1: Annual Base Clean-Up | Annually | Annually | Annually | Annually | Annually | Annually | Once/Year |
| PI-2: Define Allowable Non-Stormwater Discharges | Annually | Annually | Annually | Annually | Annually | Annually | Once/Year |

| Illicit Discharge Detection and Elimination (IDDE) | | | | | | | |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-----------|
| | 2016-Year 1 | 2017-Year 2 | 2018-Year 3 | 2019-Year 4 | 2020-Year 5 | 2021-Year 6 | Frequency |
| ID-1: MS4 Mapping | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing |

| Illicit Discharge Detection and Elimination (IDDE) | | | | | | |
|--|----------------------|--|------------------------------|------------------------------|------------------------------|----------|
| ID-2: Illicit Discharge Detection Elimination (IDDE) Program | Develop IDDE Program | Implement IDDE Program; Inspect 20% of storm outlets | Annually |
| ID-3: Illicit Discharge Tracing and Removal | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing |
| ID-4: Stormwater Outfall Inspections | Annual | Annual | Annual | Annual | Annual | Annually |
| ID-5: Include Household Hazardous Waste Education Material | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing |

| Construction Site Stormwater Runoff Control | | | | | | |
|---|-----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------|
| | 2016-Year 1 | 2017-Year 2 | 2018-Year 3 | 2019-Year 4 | 2020-Year 5 | 2021-Year 6 |
| CS-1 Erosion and Sediment Control Program | Update Program | Ongoing; Update as needed | Ongoing; Update as needed |
| CS-2: Prohibited Discharge Identification | Update & Distribute; as needed | Update & Distribute; as needed | Update & Distribute; as needed | Update & Distribute; as needed | Update & Distribute; as needed | Ongoing, as needed |
| CS-3: Construction Plan Review Procedures | Establish Procedure & Review SWP3 | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing |

| Construction Site Stormwater Runoff Control | | | | | | |
|--|---|----------------------------|----------------------------|----------------------------|----------------------------|----------|
| CS-4: Construction Site Inspections | Update Construction Site Inspection Report Form & Conduct annual Inspection | Conduct Annual Inspections | Conduct Annual Inspections | Conduct Annual Inspections | Conduct Annual Inspections | Annually |

| Post Construction Stormwater Management in New Development and Redevelopment | | | | | | | | |
|---|---|--|--|--|--|--|--|-----------|
| | | 2016-Year 1 | 2017-Year 2 | 2018-Year 3 | 2019-Year 4 | 2020-Year 5 | 2021-Year 6 | Frequency |
| BMP PC-1 Energy Independence Security Act (EISA) Compliance | Implement EISA Policy | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing |
| BMP PC-2 Long Term Monitoring and Inspection of Installed Structural Stormwater BMPs Control Features | Establish Long Term Monitoring & Inspection Program | Establish Program & Monitor & Inspect 20% of installed Stormwater BMPs | Monitor & Inspect 20% of installed Stormwater BMPs | Monitor & Inspect 20% of installed Stormwater BMPs | Monitor & Inspect 20% of installed Stormwater BMPs | Monitor & Inspect 20% of installed Stormwater BMPs | Monitor & Inspect 20% of installed Stormwater BMPs | Ongoing |

| Pollution Prevention and Good Housekeeping for Municipal Operations | | | | | | | | |
|--|--|-------------|-------------|-------------|-------------|-------------|-------------|-----------|
| | | 2016-Year 1 | 2017-Year 2 | 2018-Year 3 | 2019-Year 4 | 2020-Year 5 | 2021-Year 6 | Frequency |
| GH-1: Staff Training | Communicate documentation for MS4 training & implement required MS4 Training | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing |

| Pollution Prevention and Good Housekeeping for Municipal Operations | | | | | | |
|---|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| GH-2: Contractor Pollution Prevention Education | Re-emphasize Environmental Compliance Assessment Training and Tracking System (ECATTS) | ECATTS Ongoing |
| | Review and Update existing SOP & Distribute | Ongoing, as needed |
| GH-3: Review and Update SOPs addressing Stormwater Quality | | | | | | |

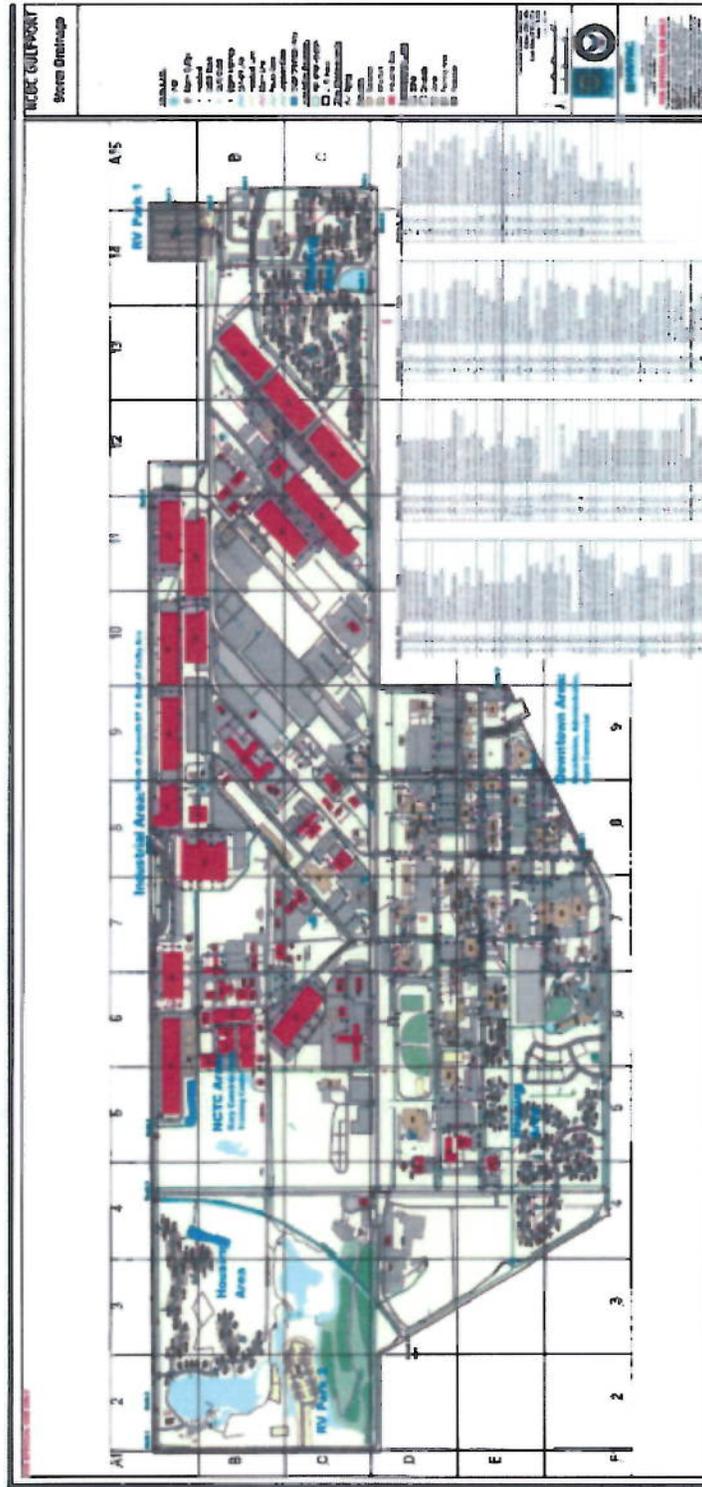


Figure 1-2: NCBC Gulfport Base Map: Stormwater Outfalls and Inlets

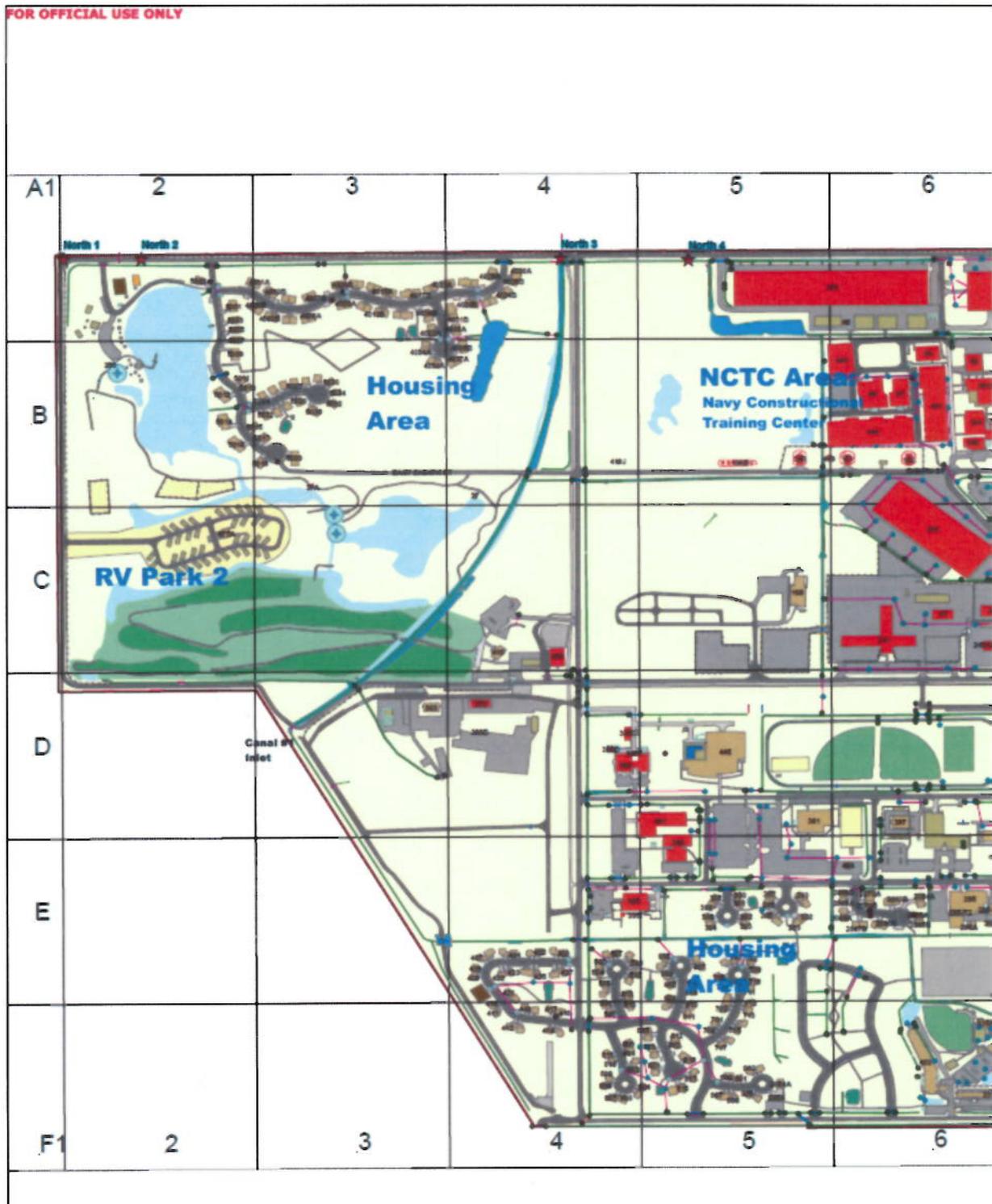


Figure 1-3: NCBC Gulfport West side: Stormwater Outfalls and Inlet

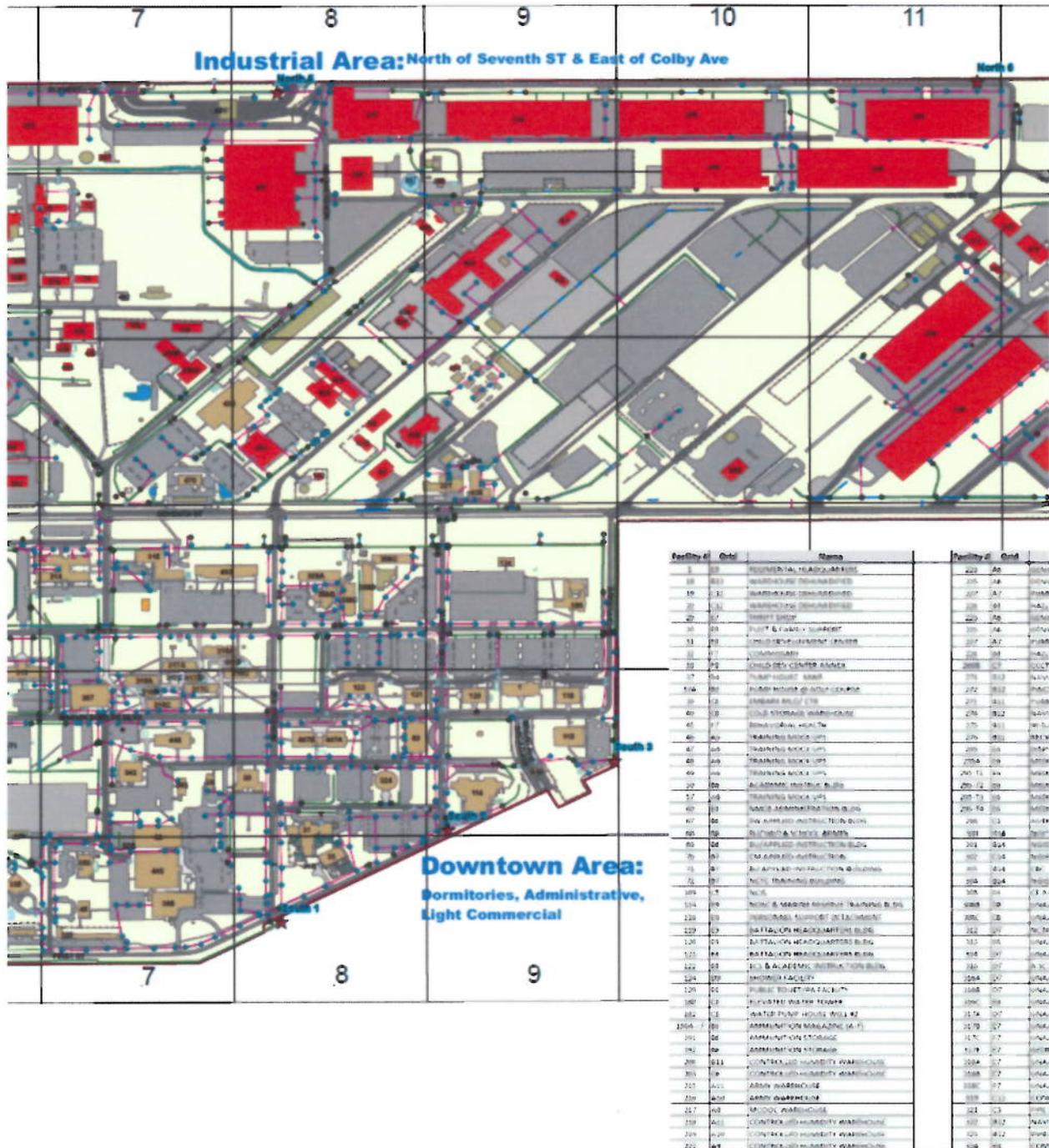


Figure 1-4: NCBC Gulfport Center: Stormwater Outfalls and Inlet

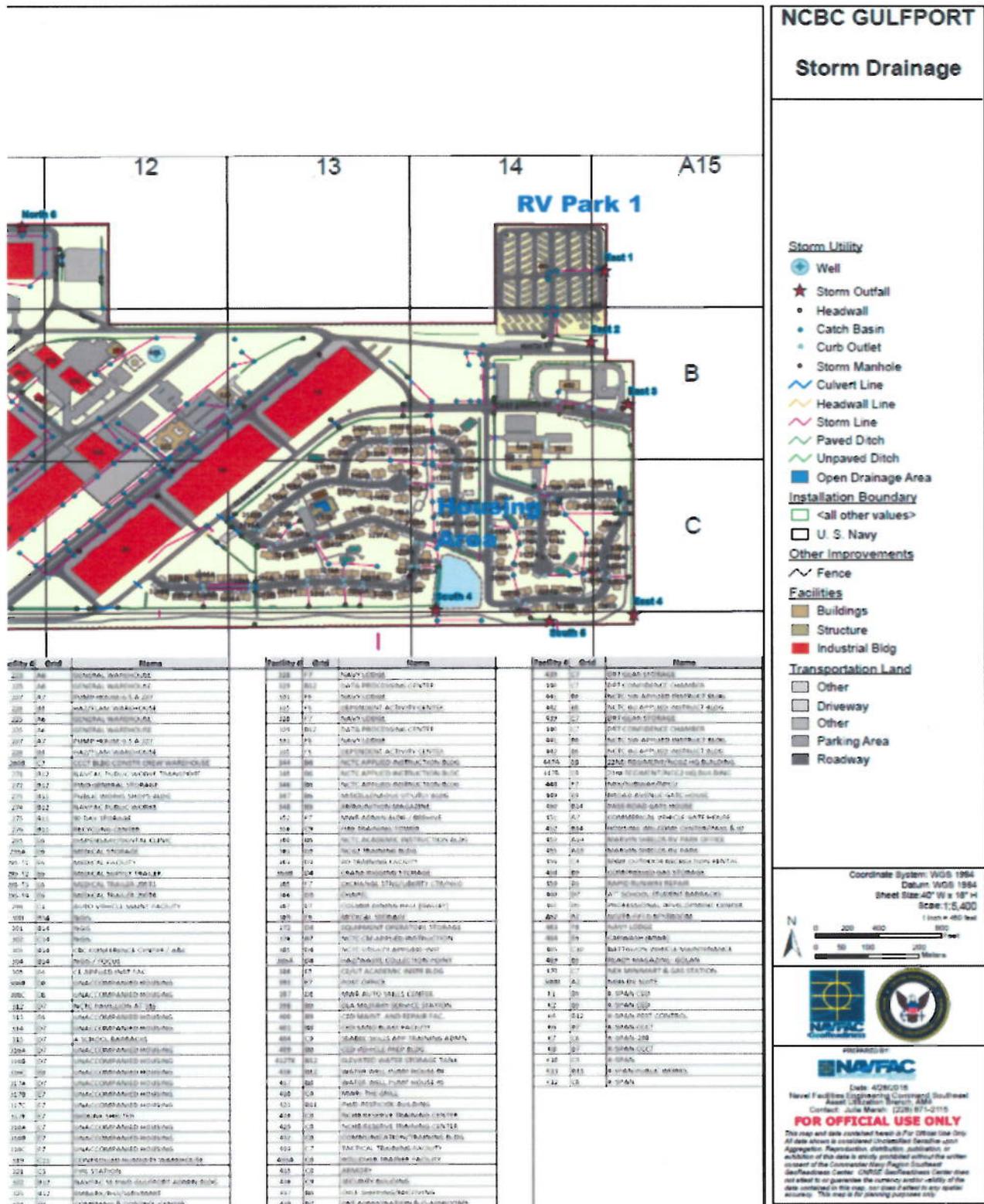


Figure 1-5: NCBC Gulfport East Side: Stormwater Outfalls and Inlet

2.0 Public Education, and Outreach and Involvement

Ref: [Permit, ACT5 \(1\), pages 11-12](#)

This program has two Minimum Control Measures (MCMs): Public Education and Outreach (PE), and Public Involvement (PI). The BMPs for these control measures focus on developing, implementing and maintaining a comprehensive storm water education and outreach program for installation employees, residents and onsite contractors. Education covers the hazards and impact of illegal and harmful disposal of waste and debris that enters or has the potential to enter the stormwater conveyance system.

2.1 Public Education and Outreach (PE)

Ref: [Permit, ACT5 \(2\), Pages 12-13](#)

In accordance with the permit, the program must, at a minimum, address the following issues:

Goals and Objectives: Educate personnel living and working at the installation on the impact of non-stormwater and contaminated stormwater discharges to receiving waters as well as clarify options and opportunities to reduce stormwater pollution.

Target Audience: The target audiences are military, civilian and contractor employees that work at NCBCGPT on a daily bases, residents in the station housing and billeting, and transient students and visitors.

Method to educate the audience: Articles and self-training materials will be utilized to distribute stormwater protection education and awareness information. These actions are described in the BMPs for Public Education. Contractor training and staff training are covered under the MCM *Pollution Prevention and Good Housekeeping*.

The BMPs for Public Education and Outreach include stormwater awareness education for the various installation audiences and storm drain stenciling.

2.2 Public Involvement (PI)

Ref: [Permit, ACT5 \(3\), pages 12-13](#)

The permit requires the involvement of the public in the SWMP planning and implementation activities. Due to the operations and security at NCBCGPT, the target audience of this MS4 is not directly involved in the development of the program. In line with other compliance actions

for the military base, all personnel authorized to be on the military base consent to comply with base requirements which includes this SWMP.

The BMPs for Public Involvement include the annual base clean up and debris removal.

2.3 Best Management Practices (BMPs)

- PE-1: Stormwater Pollution Prevention Brochure
- PE-2: Base Newspaper Articles and Stickers
- PE-3: Storm Inlet Stenciling/Placarding
- PI-1: Annual Base Clean-Up
- PI-2: Define Allowable Non-stormwater Discharges

The BMPs for this MCM are tabulated on the following pages:

Table 2-1: BMP PE-1 Stormwater Pollution Prevention Brochure

BMP Description

Develop, maintain and distribute a stormwater pollution prevention brochure that addresses what is stormwater pollution, identify common sources of pollution, impacts from improper disposal of waste or chemicals, describe best management practices (BMPs) and ways individuals can prevent pollution, reporting of observed illicit discharges, and contact information for stormwater pollution issues.

The brochure will be distributed to installation personnel through the departments (including Housing Office) and tenant commands represented on the base's Environmental Quality Board (EQB) and Subcommittee via handouts, emails, public events, posting on the base's Environmental Support webpage or a new brochure shall be created.

Responsibility

The Stormwater Manager is responsible for creating the brochure, its publication and coordinating distribution.

Process

Year 1: Stormwater Manager shall create a color and/or multi-fold brochure that addresses pertinent stormwater pollution prevention issues, activities and contact information that are applicable to the installation.

Year 2-5: Annually, the brochure shall be reviewed by the Stormwater Manager for appropriate update as needed.

Schedule

Year 1 - Develop, publish and distribute the brochure.

Year 2-5 - Update, publish and distribute the brochure.

Reporting and Record Keeping

Annually include in the SWMP, the brochure, amount distributed and date.

Table 2-2: BMP PE-2 Base Newspaper Articles and Stickers

BMP Description

The NCBCGPT newspaper, *Seabee Courier*, is published every week, hardcopy and online.

One or two times per year publish an article relating to stormwater pollution prevention. Additionally, post an illicit discharge reporting sticker in the base newspaper quarterly. The base newspaper is available to all installation employees, residents, and base visitors. The on-base circulation of the newspaper is approximately 3000 copies per print and is available online.

Responsibility

The Stormwater Manager is responsible for submitting article(s) and sticker(s) for publication.

Process

Stormwater Manager prepares article(s) and Illicit Discharge Reporting Stickers and submits to Public Affairs Officer for publication. The article informs and educates base residents and personnel on storm water pollution prevention, requirement of MS4 permit, best management practices, construction storm water permitting requirement, authorized non-stormwater discharges, illicit discharges, and ways to minimize stormwater pollution and provides contact information.

Schedule

Annually, publish one or two stormwater articles in base newspaper.

Quarterly, publish an Illicit Discharge Reporting sticker in base newspaper.

Reporting and Record Keeping

Include a copy of the Stormwater article(s) and Illicit Discharge Reporting stickers published in the base newspaper in the SWMP.

| Table 2-3: BMP PE-3 Storm Inlet Stenciling/Placarding | |
|--|--|
| BMP Description | <p>Stencil or attach permanent placards at existing stormwater inlets.</p> <p>Inlet marking is accomplished to identify that the stormwater drains to a surface waterway. Generally the marking is limited to curb, linear (trenched) and surface inlets. This action identifies drains that feed directly into surrounding waterways</p> |
| Responsibility | <p>Stormwater Manager is responsible for coordinating the stormwater inlet stenciling/placarding.</p> |
| Process | <p>The Stormwater Manager is responsible for:</p> <ul style="list-style-type: none"> • identifying, inventorying and labelling stormwater inlets and outfalls. • determining which type of marking is best suited for each area and coordinating the accomplished of the marking. In some areas it may be more appropriate to spray point “stormwater only” or “drains to bay or gulf” adjacent to the inlet. • Annually inspect for newly constructed inlets and 20% of existing storm inlets for needed marking and/or remarking due to fading or failure of the prior stencil or placard. • Including storm inlets on base stormwater map |
| Schedule | <p>Year 1 - Document the Storm Inlet Stenciling/Placarding Program – develop inventory of base storm inlets.</p> <p>Year 2-5 - Inspect 20% of inventoried inlets for Stenciling or Placarding, as needed.</p> |
| Reporting and Record Keeping | <p>Include copy of the Storm Inlet Stenciling/Placarding Inventory in the SWMP showing the number of inlets stenciled/re-stenciled and/or placard/re-placarded in calendar year.</p> |

| Table 2-4: BMP PI-1 Annual Base Clean-Up | |
|---|---|
| BMP Description | There is an annual base clean up to keep debris out of the stormwater conveyance system. Once a year, NCBCGPT conducts a volunteer clean-up day. During the event, the base community picks up trash throughout the facility in the public areas. |
| Responsibility | Stormwater Manager coordinates public involvement and participation in the annual base cleanup. |
| Process | Date of base cleanup is determined based on weather and other installation events. |
| Schedule | Once a year for the term of the permit. |
| Reporting and Record Keeping | Annually document the date of the event. Keep copies of announcements and articles of the base clean-up event in the SWMP. |

Table 2-5: BMP PI-2 Define Allowable Non-stormwater Discharges

BMP Description

- Post list of authorized non-stormwater discharges from MS4 permit.
All stormwater discharges not authorized by the permit are considered an Illicit Discharge.
- Prepare an annual “Illicit Discharge Reporting” poster and distribute to departments and tenant commands representatives on the base’s Environmental Quality Board Subcommittee.
- Submit a quarterly “Illicit Discharge Reporting” stickers for publishing in the base newspaper

Responsibility

The Stormwater Manager is responsible for preparing the list, poster and sticker cited above and distributing them to appropriate base personnel and submitting sticker for publishing in the base newspaper

Process

The Stormwater Manager shall:

- Annually prepare a listing of the authorized non-stormwater discharges permitted by MS4 permit distribute to appropriate base personnel, and post on base’s Environmental Support Webpage.
- Annually prepare an “Illicit Discharge Reporting” poster and distribute to appropriate base personnel, and post on the base’s Environmental Support Webpage.
- Submit a quarterly “Illicit Discharge Reporting” sticker for publishing in the base newspaper *Seabee Courier*.

Schedule

Year 1-5,

- Post and distribute list of authorized non-stormwater discharges permitted by MS4 permit
- Prepare an “Illicit Discharge Reporting” poster and distribute
- Publish an “Illicit Discharge Reporting” sticker quarterly in base newspaper

Reporting and Record Keeping

Include in the SWMP, a copy of the listing of the authorized non-stormwater discharges in MS4 permit posted and distributed, a copy of email distributing the “Illicit Discharge Reporting” poster along with poster, and a copy of the “Illicit Discharge Reporting” stickers published in the base newspaper.

3.0 Illicit Discharge Detection and Elimination (IDDE)

Ref: Permit, ACT5 (3), pages 13-15

The objectives of the illicit discharge detection and elimination program are to:

1. Establish and carry out procedures to identify and remove illicit discharges,
2. Provide public education and encourage involvement in eliminating illicit discharges.
3. Maintain mapping that identifies the stormwater conveyance system and thus the potential pathway of pollutants to discharge to local waterways.

The installation sanitary sewage collection system discharges into the City of Gulfport system and pumped to a Harrison County Utility Authority's Public Owned Treatment Works (POTW). There are no septic systems within the installation footprint.

3.1 Allowable Non-Stormwater Discharges

Ref: Permit, ACT2 (5), pages 3-4

The permit includes a list of allowable non-stormwater discharges that are exempt from the IDDE program, unless they are a significant source of contamination to the stormwater conveyance system.

3.2 Requirements for All Permittees

Re: Permit, ACT5 (1) and (2), pages 11-13

Public Reporting of Illicit Discharges and Spills: This effort is covered under the *Public Education and Outreach* MCM. Part of the pollution prevention education includes clarifying what is an illicit discharge and who to call for reporting an incident.

Education and Training for field staff: The field staff who may come in contact with an illicit discharge or illicit connection as part of their normal job responsibilities include various station department and tenants commands on the. Overall pollution prevention and spill response training is emphasized. The training BMP is covered under the *Pollution Prevention and Good Housekeeping* MCM.

3.3 Best Management Practices (BMPs)

- ID-1 MS4 Mapping
- ID-2 Illicit Discharge Detection Elimination (IDDE) Program
- ID-3 Illicit Discharge Tracing and Removal
- ID-4- Stormwater Outfall Inspections
- ID-5 Include Household Hazardous Waste Education Material

The BMPs for this MCM are tabulated on the following pages:

| Table 3-1: BMP ID-1 MS4 Mapping | |
|--|---|
| BMP Description | Maintain an updated stormwater layer in the installation geodatabase. |
| Responsibility | The Stormwater Manager is responsible for requesting and coordinating updates to the stormwater mapping from the Geo-readiness Center (GRC) representative. |
| Process | <p>NCBCGPT has a stormwater layer within the installation Geographic Information System (GIS). The stormwater layer includes all key elements of the MS4 i.e. inlets, outlets, manholes, open ditches, culverts, holding ponds, flow direction, drainage basin lines and outfalls. The geodatabase is updated as necessary.</p> <p>The Stormwater Manager notifies the GIS technician when it is necessary to update the stormwater conveyance system mapping. The Stormwater Manager coordinates field work with the data collector as necessary. Updates may be required due to new construction, change in operations, or reconfiguration of traffic structures and or to resolve unknown system issues.</p> |
| Schedule | Ongoing for the life of the permit. |
| Reporting and Record Keeping | Keep copy of latest MS4 Map with SWMP records. |

| Table 3-2: BMP ID-2 Illicit Discharge Detection Elimination (IDDE) Program |
|---|
| <p>BMP Description</p> <p>Perform a dry-weather inspection and inventory of all industrial facilities stormwater outlets on NCBC Gulfport to verify that there are no illicit discharges or connections. If a suspected illicit discharge or connection is identified, the issue will be managed under the <i>Illicit Discharge Tracing and Removal</i> BMP.</p> |
| <p>Responsibility</p> <p>The Stormwater Manager is responsible for developing and implementing an IDDE Program including initial inventorying and inspection schedule of all industrial facilities stormwater outlets.</p> |
| <p>Process</p> <p>The IDDE Program shall covers all industrial facilities stormwater outlets within the installation and insure that outlets are inspected during dry weather periods at least twice during the life of the permit.</p> |
| <p>Schedule</p> <p>Year 1 – Develop an IDDE Program including outlet inventory and conduct initial inspection of all industrial facilities stormwater outlets.</p> <p>Year 2 - Implement the IDDE Program; including inspection of 20% of storm outlets annually.</p> <p>Year 3-5 - Ongoing Implementation of IDDE Program including inspection of 20% of outlets each year.</p> |
| <p>Reporting and Record Keeping</p> <p>Include a copy of IDDE Program, industrial stormwater outlets inventory, yearly outlet inspection reports with the SWMP records.</p> |

Table 3-3: BMP ID-3 Illicit Discharge Tracing and Removal

BMP Description

Trace, remove and manage the source/outlet of illicit discharges that are found during implementation of IDDE Program or as the result of calls-ins to the Public Works Department.

Responsibility

Stormwater Manager is responsible for coordinating identification and resolution.

Process

Establish and implement procedures for the identification of the source of non-stormwater discharges in the stormwater conveyance system. Establish and implement procedures for removal and elimination of unpermitted non-storm water discharges. Document measures taken to remove the discharge and prevent recurrences.

Schedule

Year 1: Document the program to identify, remove and manage the source of an illicit discharge or connection. The program will include procedures for removing the illicit discharge, identifying how the incident occurred, clarifying reporting requirements and implementing procedure to eliminate recurrence.

Year 2: Develop forms to document each event and actions accomplished so that an organized record of the event is maintained.

Years 3-5 – Document the program and IDDEs

Actions of the BMP, ongoing for the life of the permit.

Reporting and Record Keeping

Each illicit discharge is documented by location, date of discovery, and a known or suspected cause and a brief of resolution actions. The documentation is maintained with the SWMP.

| Table 3-4: BMP ID-4 Stormwater Outfall Inspections |
|---|
| BMP Description NCBCGPT stormwater outfalls flows into the neighboring MS4 (City of Gulfport). An inspection of the outfalls shall be conducted semi-annually. |
| Responsibility The Stormwater Manager is responsible for conducting the semi-annual inspection of outfalls. |
| Process Conduct visual inspection of outfalls for signs of non-stormwater and illicit discharges and for blockage and of debris build up at outfall grates. |
| Schedule Years 1-5 - Annually inspect outfalls for term of the permit. |
| Reporting and Record Keeping Include copy of inspection reports and of corrective actions taken on any deficiencies noted in the SWMP. |

| Table 3-5: BMP ID-5 Include Household Hazardous Waste Education Material |
|---|
| <p>BMP Description</p> <p>To inform base residents and staff about the proper disposal of household hazardous waste. Advertise the location of off-base collection sites for household hazardous waste. Information can be provided through the internet, e-mail system or in the base newspaper.</p> <p>Include household hazardous waste education information in the outreach materials such as newspaper, webpages and email. Include any information available on community amnesty day, such as dates, materials, etc.</p> |
| <p>Responsibility</p> <p>The Stormwater Manager is responsible for informing and providing educational material to base residents in disposing of household hazardous waste through posting on base's Environmental Support Webpage, e-mails and/or base newspaper</p> |
| <p>Process</p> <p>Educate and encourage base household residents on proper disposal of their residential household hazardous waste through notices in the base newspaper, posting on base webpages, community amnesty day, and/or periodic e-mails.</p> |
| <p>Schedule</p> <p>Beginning in 2016, ongoing</p> |
| <p>Reporting and Record Keeping</p> <p>Retain copies of public education outreach materials in SWMP.</p> |

4.0 Construction Site Stormwater Runoff Control

Ref: Permit, ACT5 (4), pages 16-18

The objectives of the Construction Site Stormwater Runoff Control program are:

1. Establish an erosion and sediment control program for construction sites;
2. Provide review and approval for construction Stormwater Pollution Prevention Plans (SWP3) or erosion and sediment control plans
3. Document the existing inspection and oversight program for stormwater at construction sites.

4.1 Requirements for All Permittees

Ref: Permit, ACT5 (4), pages 16-18

The permit identifies seven requirements that must be addressed for the Construction Site Stormwater Runoff Control minimum control measure (MCM).

Requirement (1), regarding management and update of the content of the SWMP, is addressed within Section 1.6 (SWMP Management: Updates and Annual Report) of this SWMP.

Requirements (2,4,5), concerning erosion and sediment control at construction sites, construction plan review procedures, and construction site inspections are addressed in BMPs for this section.

Requirement (3) identifies prohibited discharges. These issues are addressed via several NCBCGPT Environmental Plans (i.e. Prevention Prevention (P2), Spill Control and Countermeasures Plan (SPCC), Hazardous Waste Management Plan (HWMP), Integrated Solid Waste Management Plan, and Integrated Pest Management Plan) and in NCBC Gulfport Environmental Requirements specifications included in all construction and maintenance contracts as well as by BMPs for this MCM.

Requirement (6) regarding public involvement is part of the informational brochure produced under MCM *Public Education and Outreach*.

Requirement (7) for MS4 staff training is addressed under the MCM *Pollution Prevention and Good Housekeeping*.

4.2 Best Management Practices (BMPs)

- BMP CS-1: Erosion and Sediment Control Program
- BMP CS-2: Prohibited Discharge Identification
- BMP CS-3: Construction Plan Review Procedures

- BMP CS-4: Construction Site Inspections

The BMPs for this MCM are tabulated on the following pages:

| <i>Table 4-1: BMP CS-1 Erosion and Sediment Control Program</i> |
|--|
| <p><i>BMP Description</i></p> <p>Document the erosion and sediment control requirements at construction sites on NCBCGPT. This program clarifies erosion and sediment control management and expectations, the inspection process, and enforcement actions.</p> |
| <p><i>Responsibility</i></p> <p>The Stormwater Manager is responsible for developing the erosion and sediment control program for implementing by PWD, Facilities Engineering and Acquisition Division (FEAD) through contract administration of contract specifications requiring compliance with stormwater regulations</p> |
| <p><i>Process</i></p> <p>The written policy will be developed to complement and summarize existing inspections and construction site specification. The policy will clarify where existing standards are already documented (e.g. contract specs) and how they are enforced. The policy will clarify how Erosion and Sediment Control oversight is implemented.</p> <p>The Erosion and Sediment Control Program is applicable to all construction sites at NCBCGPT to include in-house, NAVFAC hired contractors, installation contractor and tenant contractors.</p> |
| <p><i>Schedule</i></p> <p>Year 1 – Update Erosion and Sediment Control Program for construction sites on base disturbing less than 1 acres and for those disturbing 1 acre or greater</p> <p>Year 2-5 – update Program as needed</p> |
| <p><i>Reporting and Record Keeping</i></p> <p>Retain a copy of the NCBCGPT Erosion and Sediment Control Program with the SWMP.</p> |

Table 4-2: BMP CS-2 Prohibited Discharge Identification

| |
|--|
| <p><i>BMP Description</i></p> <p>Establish and distribute, as necessary, written documentation that addresses the prohibited discharges from construction sites as specified in the MS4 permit and MDEQ Small and Large Construction General Permits.</p> |
| <p><i>Responsibility</i></p> <p>The Stormwater Manager, is responsible for developing appropriate documentation regarding prohibited discharges at construction sites from the MS4 permit perspective.</p> |
| <p><i>Process</i></p> <p>NCBCGPT will develop in the most effective way base environmental requirements in all base construction projects address stormwater prohibited discharges during construction activities disturbing soil on base. The written documentation will address the MS4 overlapping prohibition requirement. The documentation may be a narrative insert for construction specifications or a poster maintained on display at applicable areas. The documentation will provide points of contacts. Management of prohibited wastes must be documented in the base project’s Stormwater Management Plan (SWP3), Environmental Protection Plan (EPP), and/or Waste Management Plan.</p> |
| <p><i>Schedule</i></p> <p>Year 1 - Update NCBCGPT Environmental Requirements addressing Construction Site Stormwater Compliance including permitting and prohibited discharges.</p> <p>Year 2-5 – Update NCBCGPT Environmental Stormwater Requirements, as needed</p> |
| <p><i>Reporting and Record Keeping</i></p> <p>Retain a copy of the NCBCGPT Environmental Stormwater Requirements incorporated into base contract specifications with the SWMP.</p> |

Table 4-3: BMP CS-3 Construction Plan Reviews

| |
|---|
| <p>BMP Description</p> <p>Construction projects are on-going on NCBCGPT year round. Project Plans and Specification are reviewed during various stages of planning, design, contracting, and construction for stormwater and other environmental compliance requirements</p> |
| <p>Responsibility</p> <p>The Stormwater Manager is responsible to reviewing Plans including Small/Large Construction General Permit required Stormwater Pollution Prevention Plans/NOI in coordination with the PWD, Facilities Engineering and Acquisition Division (FEAD) when requested. The FEAD is responsible for the administering and inspection construction contracts and insuring contract requirements including stormwater regulatory requirements are complied with.</p> |
| <p>Process</p> <p>Document procedure for reviewing small and large construction project disturbing 1 acre or greater for compliance with ACT5 Construction Site Stormwater Runoff Control:</p> <ul style="list-style-type: none"> - Review and verification stormwater pollution prevention plans (SWP3) are developed in accordance with the MDEQ Small or Large Construction General Permit (CGP) MSR15 and MSR10, respectively. |
| <p>Schedule</p> <p>Year 1 Document Procedure and review SWP3s.</p> <p>Year 2-5 – Review SWP3s.</p> |
| <p>Reporting and Record Keeping</p> <p>Retain a copy of the SWP3 for each new construction project and of the Review Procedure in SWMP.</p> |

Table 4-4: BMP CS-4 Construction Site Inspections

| |
|--|
| <p><i>BMP Description</i></p> <p>Document the stormwater inspection and compliance enforcement process for construction sites. Establish a written or electronic inspection report that specifically addresses stormwater concerns.</p> |
| <p><i>Responsibility</i></p> <p>The Stormwater Manager is responsible for conducting semi-annual visual inspection of small and large construction site BMPs and report finding to FEAD for corrective action.</p> |
| <p><i>Process</i></p> <p>The PWD EV and FEAD perform construction site inspections. The primary responsibility for all onsite stormwater general permit compliance at a construction site belongs to the FEAD. As necessary, EV will conduct a construction site storm water inspection and report findings to the FEAD for corrective action.</p> <p>Documentation of each inspection will include inspection date, inspector, site conditions, follow up actions, and evaluation of compliance with existing site permit.</p> |
| <p><i>Schedule</i></p> <p>Year 1 – Update Construction Site Stormwater Inspection Report Form and conduct annual Inspections</p> <p>Year 2-5 – Conduct annual Inspections</p> |
| <p><i>Reporting and Record Keeping</i></p> <p>Document each stormwater inspection and observed deficiencies and action taken in SWMP.</p> |

5.0 Post Construction Stormwater Management

Ref: Permit, ACT5 (5), Pages 18-21

NCBCGPT follows requirements for federal facilities established by Section 438 of the Energy Independence and Security Act of 2007 (EISA) and the January 2010 Department of Defense (DOD) policy for implementing Section 438 of EISA.

The EPA website (<http://water.epa.gov/polwaste/nps/section438.cfm>) summarizes the reasoning and goal of EISA as follows:

“Stormwater runoff in urban areas is one of the leading sources of water pollution in the United States. Traditional urban areas typically include large areas of impervious surfaces such as roads, sidewalks and buildings. These impervious surfaces prevent rainwater from infiltrating into the ground, and as a result, stormwater runs off these urban areas at higher rates and volumes. These higher stormwater rates and volumes can cause increased flooding and erosion, and more pollution to surface waters, among other impacts.

Under Section 438 of the Energy Independence and Security Act of 2007 (EISA), federal agencies are required to reduce stormwater runoff from federal development and redevelopment projects to protect water resources. Federal agencies can comply using a variety of stormwater management practices often referred to as "green infrastructure" or "low impact development" practices, including reducing impervious surfaces and using vegetative practices, porous pavements, cisterns and green roofs.”

The DOD Policy on Implementing Section 438 of the Energy Independence and Security Act (EISA) further clarifies the criteria and how to comply with the federal requirement. The DOD policy is applicable to facility construction with a footprint great than 5,000 gross square feet.

5.1 Requirements for All Permittees

Ref: Permit, ACT5 (5), pages 18-21

The permit identifies three requirements that must be addressed for the Post Construction Stormwater Management in New Development and Redevelopment minimum control measure (MCM)

Requirement (1), regarding management and update of the content of the SWMP, is addressed within Section 1.0 of this SWMP.

Requirement (2) requires documentation and records of enforcement actions. For issues addressed from internal oversight, e.g. at construction sites on the installation, this issue is

covered under the MCM *Construction Site Stormwater Runoff Control*. For outside agency actions e.g. EPA or MDEQ records are maintained at the PWD EV office.

Requirement (3) regarding Long-Term Maintenance of Post Construction Stormwater Control Measures is addressed via a BMP.

5.2 Best Management Practices (BMPs)

- BMP PC-1 EISA Compliance
- BMP PC-2 Long Term Maintenance

The BMPs for this MCM are tabulated on the following page:

| Table 5-1: BMP PC-1 EISA Compliance | |
|--|---|
| BMP Description | Compliance with Section 438 (Storm Water Runoff Requirements for Federal Development Projects) of the Energy Independence and Security Act of 2007 (EISA) and the January 2010 Department of Defense (DOD) policy for implementing Section 438 of EISA. |
| Responsibility | The FEAD and Naval Facilities Engineering Command South East (NAVFACSE) Capital Improvement (CI) are responsible for incorporating Section 438 stormwater requirements into Federal facility projects over 5,000 square feet. |
| Process | The FEAD and NAVFACSE CI are required to ensure that EISA requirements are addressed in applicable DOD military construction projects. |
| Schedule | Ongoing for the term of the permit. |
| Reporting and Record Keeping | Maintain copy of the January 2010 Department of Defense (DOD) policy and of Section 438 of EISA in and list of projects incorporating Section 438 requirements |

| <p align="center">Table 5-2: BMP PC-2 Long Term Monitoring and Inspection of Installed BMPs Control Features</p> |
|--|
| <p>BMP Description</p> <p>Conduct long term monitoring and inspection of installed structural stormwater best management practices (BMP) control features.</p> |
| <p>Responsibility</p> <p>The Stormwater Manager is responsible for monitoring and inspection of installed structural BMP control features that support the installation operations, including the stormwater conveyance system.</p> |
| <p>Process</p> <p>Stormwater Manager monitors and inspects condition of installed long term structural stormwater BMPs (i.e. Gabion Crates, Rip-Rap Structures, Retention Ponds, swales, Erosion control structures, Headwalls, Outfalls, Catch Basins, etc.) and prepares a report identifying location and description of observed BMP deficiencies requiring maintenance, repair and/or upgrading.</p> <p>Annual the Storm Water Manager initiates a TF-1 (Deficiency Document) requesting maintenance and repair of the deficient feature(s) and submits to the PWD, Facilities Management Division (FMD) for appropriate action. FMD, based on funding priorities, will develop project(s) for accomplishing repairs either in-house or by contract.</p> |
| <p>Schedule</p> <p>Year 1-2 – Establish a Long Term Monitoring and Inspection Program of Installed Structural BMPs Control Features for needed maintenance.</p> <p>Year 2-5 – Monitor and Inspect 20% of installed structural BMPs Control Features</p> |
| <p>Reporting and Record Keeping</p> <p>Maintain copy of annual Long Term Monitoring and Inspection Reports and of any TF-1 (Deficiency Document) submitted to FMD in the SWMP. Maintain status of TF-1 submitted to FMD until repairs completed</p> |

6.0 Pollution Prevention and Good Housekeeping

Ref: Permit, ACT5 (6), pages 22-23 and ACT9, page 31

6.1 Requirements for All Permittees

The permit identifies six requirements that must be addressed for the Pollution Prevention and Good Housekeeping for Municipal Operations minimum control measure (MCM).

Requirement (1) is for a *Permittee-owned Facilities and Control Inventory*: NCBCGPT maintains a comprehensive facilities inventory managed by PWD via the Naval Facilities Asset Data Store (NFADS) system. NFADS assigns a unique identification code to every facility and structural asset at the installation. Additionally, the GRC maintains current mapping that complements the NFADS database.

Requirement (2) for *Training and Education* is addressed via a BMP for this MCM.

Requirement (3) addresses management for *Disposal of Waste Material*. All waste disposal removed from NCBCGPT is accomplished in accordance with state and federal requirements.

Requirement (4) relates to *Contractor Requirements and Oversight*, which is managed via the FEAD and discussed within the MCM Construction Site Stormwater Runoff Control. Contractor training is addressed via a BMP for this MCM.

Requirement (5) refers to Municipal Operation and Maintenance Activities and the assessment of permittee-owned operations. PWD is responsible for all operation and maintenance of structures at NCBCGPT. Large projects such as road work, pavement, repaving are accomplished by contract, and would be considered as a construction project and thus fall under the requirements as noted in MCM Construction Site Stormwater Runoff Control. Small maintenance projects such as filling in a pothole, minor concrete work, headwall repair, paint touch up are completed in-house. Pollutants of concern, include paints, metals, sediment, and petroleum products (fuel and oils). Reduction and use of environmental friendly products is covered by the P2 program, and Supply offices. Other environmental plans include training for staff that participate in activities that could pollute any environmental media (air, water, natural resources, etc.). Staff training is covered as a BMP for this MCM. Review and inspection of the maintenance actions performed in-house, P2 measures and verification of P2 activities in support of stormwater protection is covered as a BMP for this MCM.

Requirement (6) is for the oversight of BMPs that require *Structural Control Maintenance*. Maintenance of the stormwater conveyance system and related BMPs is covered under the Post Construction Stormwater Management MCM.

6.2 Best Management Practices (BMPs)

- GH-1 Staff Training
- GH-2 Contractor Pollution Prevention Education
- GH-3 Review and Update SOPs Addressing Stormwater Quality

The BMPs for this MCM are tabulated on the following pages:

Table 6-1: BMP GH-1 Staff Training

BMP Description

Ensure that all applicable employees are aware of the stormwater training requirements and the training options and that training is accomplished within required intervals.

Responsibility

The Public Works Department (PWD), Environmental Division (EV), Stormwater Manager is responsible for providing, coordinating and informing all applicable employees of training opportunities.

Process

The Stormwater Manager informs all applicable personnel of stormwater training requirements.

The Stormwater Manager is responsible for notifying personnel when there is a training option on or off site.

The Stormwater Manager is responsible for organizing and providing stormwater training. This could be via an onsite hosted instructor, in-house training, off site organized event, or use of established training material (e.g. Excal CDs).

Schedule

Year 1 – Review/Update Stormwater Training requirement in Base Environmental Training Matrix; Implement Stormwater MS4 required training

Year 2-5 – Ongoing Implementation of MS4 required training

Reporting and Record Keeping

Maintain documentation MS4 required training conducted and completed on base through various media sources in the SWMP.

Table 6-2: BMP GH-2 Contractor Pollution Prevention Education

BMP Description

Stormwater pollution prevention training is mandatory for contractors working at NCBCGPT. The training, provided is available through an online Navy module called *Environmental Compliance Assessment, Training, and Tracking System* (ECATTS). The training includes the following topics: good housekeeping practices, erosion and sediment control measures, illicit discharge, and post construction water run-off.

Responsibility

The FEAD is responsible for insuring contractors complete Stormwater Pollution Prevention Training prior to the start of field work.

Process

Contracting specifications for NCBCGPT include language regarding the requirement to complete environmental compliance training via the ECATTS. The modules required are dependent on the type of contract work. Alternatively, a contractor may submit proof of equivalent training, but must ensure they are familiar with NCBCGPT stormwater pollution prevention requirements.

PWD EV considers a contractor to be current with ECATTS or other equivalent training as long as it was completed within the current permit cycle or within 5 years.

The contractor submits proof of equivalent training to the FEAD, who provides it to the Stormwater Manager.

The Stormwater Manager maintains administrative rights for ECATTS so that training records can be pulled quarterly.

Schedule

Ongoing for the term of the permit.

Reporting and Record Keeping

Stormwater Manager maintains training records from ECATTS or directly from the contractor with the SWMP documentation.

Table 6-3: BMP GH-3. Create SOP addressing Stormwater Quality

| |
|---|
| <p><i>BMP Description</i></p> <p>NCBC Gulfport will review and update existing stormwater quality SOPs for maintenance and operational activities. These SOPs will include good housekeeping and best management practices. These SOPs will be incorporated into staff training.</p> |
| <p><i>Responsibility</i></p> <p>The Stormwater Manage is responsible for creating and updating these SOPs.</p> |
| <p><i>Process</i></p> <p>Stormwater Manager will review and evaluate existing stormwater quality SOPs on base and update and/or create new SOPs to address stormwater quality on base.</p> |
| <p><i>Schedule</i></p> <p>Year 1 – Review and update existing Stormwater Quality SOPs and distribute. Year 2-5 - Ongoing, update existing and create new SOP, as needed</p> |
| <p><i>Reporting and Record Keeping:</i></p> <p>Maintains copy of existing, updates and new stormwater quality SOPs in SWMP.</p> |