

Be aware of Non-Stormwater Discharges & Illicit Discharges

Non-stormwater discharges are any discharges other than clean stormwater that end up in the storm sewer or natural waterbodies. Some are **allowable**:

- Building and vehicle wash water that does not contain detergents
- Landscape irrigation
- Uncontaminated air conditioning condensate
- Pavement wash water where no spills or leaks of hazardous materials have occurred and where detergents are not used

Others, called **Illicit Discharges**, are **prohibited**:

- Sanitary sewer overflows or cross-connections
- Wash water containing detergents
- Oil or antifreeze
- Household toxics
- Paint brush rinsing or disposal of paint waste, including chips
- Pet waste
- Used cooking oil or grease

MDEQ and NCBC Gulfport MS4 Guidance Documents and Websites

- NCBC Gulfport Environmental Support Website for Stormwater Management Program Documents and Postings:
https://www.cnbc.navy.mil/regions/cnrse/installations/ncbc_gulfport/om/environmental_support/Storm_Water_Management_Program.html
 - MDEQ Small MS4 General Permit, Permit No. MSRMS4
 - NCBC Gulfport Stormwater Management Program (SWMP)
 - List of Authorized, Allowed, and Prohibited Non-Stormwater Discharges
 - NCBC Gulfport Recycling Center Brochure
- MDEQ General Permits and Notice of Intent Forms:
<https://www.mdeq.ms.gov/permits/environmental-permits-division/generalpermits/types-of-general-permits-and-notice-of-intent-forms/>
- Mississippi 'Handbook for Erosion Control and Stormwater Management on Construction Site and Urban Areas'
 - Volume 1 - Erosion and Sediment control Practices:
http://opcgis.deq.state.ms.us/Erosion_Stormwater_Manual_2ndEd/Volume1/Volume_1.pdf
 - Volume 2 - Stormwater Management:
https://opcgis.deq.state.ms.us/Erosion_Stormwater_Manual_2ndEd/Volume2/Volume_2.pdf
 - Volume 3 – Appendices: Developing Plans & Designing Best Management Practices:
https://opcgis.deq.state.ms.us/Erosion_Stormwater_Manual_2ndEd/Volume3/Volume_3.pdf

This brochure was developed to educate NCBC Gulfport's Public Works Department personnel about the requirement of Mississippi's Small MS4 General Permit.

Small Municipal Separate Storm Sewer System (MS4) Permit & Stormwater Management Program



For Naval Construction Battalion Center (NCBC) Gulfport Construction Projects/Activities



Your stormwater program contact:
NCBC Gulfport Public Works Department
Environmental Division, Stormwater Manager
Phone: 228-871-2373



Do your Part!

All conveyance systems including roads with drainage systems, streets, parking lots, catch basins, curbs, gutters, ditches, man-made channels, and storm drains owned or operated by NCBC Gulfport are part of the MS4. These structures are designed for collecting or conveying stormwater and are not part of a combined sewer or publicly owned treatment works.

MCM #6. Pollution Prevention/Good Housekeeping

Goal:

- Reduce stormwater pollution from activities such as fleet and building maintenance and stormwater system maintenance

Implementation:

- BMPs and SOPs promulgated through SWMP webpage
 - Stormwater conveyance system O&M
 - General housekeeping
 - Catch basin and outfall cleaning
 - Vehicle/equipment maintenance, fueling, washing, and storage
- Storm sewer system maintenance and repair
- Employee and Contractor Training
 - Annual Stormwater Pollution Prevention Training for PWD staff
 - ECATTS

MCM #5. Post-Construction Runoff Control

Goal:

- Control runoff from developed sites including quantity and velocity control and stormwater treatment

Implementation:

- New development and redevelopment
- Energy Independence and Security Act (EISA) Section 438
 - > 5,000 ft² - restore predevelopment hydrology
 - UFC 3-210-10 provides LID techniques
 - Infiltrate, evapotranspire, harvest, and/or use the first inch of every rainfall
- Long-term O&M of stormwater control measures
 - Maintain inventory of control measures
 - Inspect control measures annually
 - Develop projects to correct deficiencies (FMD)

MCM #4. Construction Site Runoff Control

Goal:

- Prevent/minimize erosion and transport of sediment from construction activities

Implementation:

- Require contractors to obtain MDEQ permit
 - Small CGP for land disturbance activities 1 acre to less than 5 acres
 - Large CGP for land disturbances 5 acres and greater
- Require Erosion and Sediment Control Plans (E&SCPs)
 - Unified Facilities Guide Specifications (UFGS)
 - Ensure consistency with MDEQ E&SC requirements
- Implement inspection, surveillance, and site monitoring procedures
- Contractor education
- E&SC plan review by FEAD and Stormwater Manager
- Periodic construction site inspection

Stormwater Management Program (SWMP)

The SWMP is a compliance requirement of the Mississippi Department of Environmental Quality (MDEQ) Small Municipal Separate Storm Sewer System (MS4) General Permit under which the installation operates. NCBC Gulfport must develop, implement, and enforce a SWMP designed to reduce the discharge of pollutants from its MS4 to the maximum extent practicable to protect water quality and satisfy applicable water quality requirements of the Clean Water Act. The SWMP must include these six **Minimum Control Measures (MCMs)**.

MCM #1. Public Education and Outreach

Goals:

- Raise awareness on effects of polluted stormwater
- Educate population on BMPs that reduce stormwater pollution

Implementation:

- Stormwater Pollution Prevention Brochures
- Installation Media Articles
- NCBC Gulfport SWMP Webpage

MCM #2. Public Participation/Involvement

Goal:

- Provide opportunities for community to participate in the planning and implementation of the SWMP

Implementation:

- Encourage public to participate in SWMP planning and implementation
 - Public Notice of SWMP and Annual Reports availability on SWMP webpage
- Encourage public participation through NCBC Gulfport-sponsored environmental activities
 - Base Clean-Up / Watershed Protection

MCM #3. Illicit Discharge Detection and Elimination

Goals:

- Identify and eliminate all illicit discharges
- Prevent future illicit discharges

Implementation:

- Maintain MS4 mapping (GIS)
- Outfall inspections
 - Semi-annual during stormwater event
- Dry weather screening
- Illicit discharge tracing and removal
- IDDE Education
 - Encourage public reporting of suspected illicit discharges
 - MCM 1: Brochures and Newspaper articles

