

AI: 65141

Rec'd via email:  
05/07/2026

# MAJOR MODIFICATION FORM FOR INDUSTRIAL STORMWATER GENERAL PERMIT

Coverage No. MSR00 \_\_\_\_\_ County \_\_\_\_\_



## INSTRUCTIONS

Coverage recipients shall notify the Mississippi Department of Environmental Quality at least 30 days in advance of the following activities (check all that apply). This form should be submitted with a modified Storm Water Pollution Prevention Plan (SWPPP), updated USGS topographic map, Corps of Engineers Section 404 documentation and wastewater collection and treatment information, as appropriate.

- Facility operations are proposed to change.
- "Footprint" identified in the original ISNOI is proposed to be enlarged.
- Stormwater Quality BMPs are proposed to be modified.

This form must be signed by the current coverage recipient under Mississippi's Industrial Stormwater General Permit, an attached SWPPP must be included, and documentation of the changes compared to the previous approved SWPPP are attached.

Coverage recipients are authorized to discharge storm water associated with proposed new operations, additional areas of activity, or modified BMPs, under the conditions of the General Permit, only upon receipt of written notification of approval by MDEQ. All other modifications must be in accordance with ACT9, S-1 (6) and S-2 (7) of the General Permit.

ALL INFORMATION MUST BE COMPLETED (indicate "N/A" where not applicable)

## COVERAGE RECIPIENT INFORMATION

COVERAGE RECIPIENT CONTACT NAME: \_\_\_\_\_ TEL # (\_\_\_\_) \_\_\_\_\_

COMPANY NAME: \_\_\_\_\_

STREET OR P.O. BOX: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_ E-MAIL: \_\_\_\_\_

## PROJECT INFORMATION

PROJECT NAME: \_\_\_\_\_

CITY: \_\_\_\_\_

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

James Smith  
Signature (must be signed by coverage recipient)

\_\_\_\_\_ Date

\_\_\_\_\_ Printed Name

\_\_\_\_\_ Title

Please submit this form to:

Chief, Environmental Permits Division  
MS Department of Environmental Quality, Office of Pollution Control  
P.O. Box 2261  
Jackson, Mississippi 39225

OC

# In Transit Environmental Services

955 I-20 Frontage Road  
Jackson, MS 39204

601-212-1459 Ofc  
intransitenvironmental.com

**Charles Thompson**

In Transit Environmental Services  
753 North Bierdeman Road  
Pearl, MS 39183  
charles@ites.services  
601-212-1459

Date: 5/04/2026

**Mississippi Department of Environmental Quality (MDEQ)**

Office of Pollution Control  
Industrial Stormwater Permitting Division  
P.O. Box 2261  
Jackson, Mississippi 39225

**Re: Update of Stormwater Pollution Prevention Plan (SWPPP) MSR002260**

Facility: **Vicksburg Shipyard LLC**

Location: **1063 Haining Rd., Vicksburg, Mississippi 39183**

Dear Sir or Madam:

On behalf of Vicksburg Shipyard LLC, In Transit Environmental Services respectfully submits the enclosed updated addendum to Stormwater Pollution Prevention Plan (SWPPP) for permit coverage under the Mississippi Pollutant Discharge Elimination System (MSPDES) Industrial Stormwater General Permit.

This SWPPP update reflects the allocation of an additional 4.9 acre portion of the facility property leased to Terrel River Services to support the expansion of their rock yard operations. An addendum is included with this submission to document this change and to describe how the leased area is incorporated into site activities and addressed within the SWPPP.

A plan has been prepared in accordance with applicable MDEQ stormwater regulations and outlines the facility's current best management practices, site controls, inspection procedures, and monitoring protocols to ensure continued compliance with industrial stormwater discharge requirements at the above-referenced location.

Additionally,

Enclosed with this submission are the following documents:

- Updated Stormwater Pollution Prevention Plan (SWPPP)
- Site maps and drainage information
- A description of leased property and rock yard expansion

Please review the enclosed materials and advise if any additional information is needed to complete the processing of this SWPPP update.

If you have any questions or require further clarification, please contact me directly.

Sincerely,

*Charles Thompson*

Charles Thompson



INDUSTRIAL ACTIVITIES  
STORMWATER POLLUTION PREVENTION PLAN  
(SWPPP)

For

Vicksburg Shipyard LLC.

Permit# MSR002260

**1063 Haining Road  
Vicksburg, MS 39183  
Phone: 601-802-9994**

**Original SWPPP Preparation Date: February 29,**

**Revision #2 Amended: May 04, 2026**

**Original SWPPP Prepared By:**

Carpenter Engineering, Inc.  
and  
Big River Shipbuilders, Inc. Personnel

**Amended by:** In Transit Environmental Services

**INDUSTRIAL ACTIVITIES  
STORMWATER POLLUTION PREVENTION PLAN  
(SWPPP)**

**For: Vicksburg Shipyard LLC.**

**1063 Haining Road  
Vicksburg, MS 39183**

**Under Mississippi's  
Industrial Stormwater General NPDES Permit**

**SWPPP Manager:** Jim Smith

**Title:** Safety & Compliance Manager      **Phone Number:** 601-638-5921

**SWPP Assistant Manager:** Brad Saucier

**Title:** Facility Manager

# TABLE OF CONTENTS

<b>TABLE OF CONTENTS</b> .....	3
<b>INTRODUCTION</b>	
Background .....	5
SWPPP Content .....	5
<b>SECTION 1: FACILITY DESCRIPTION AND CONTACT INFORMATION</b>	
1.1 Facility Information .....	6
1.2 Contact Information/Responsible Parties.....	7
1.3 SWPPP Manager .....	7
1.4 Activities at the Facility.....	8
1.5 General Location Map.....	8
1.6 Site Map .....	8
1.6.1 Facility Area 1.....	8
1.6.2 Facility Area 2: Rock Yard Area.....	9
1.6.3 Facility Area 3 .....	11
1.6.4 Facility Area 3A: Lower Rock Yard Area .....	11
<b>SECTION 2: ASSESSMENT - POTENTIAL POLLUTANT SOURCES</b>	
2.1 Potential Pollutant Sources Assessment Criteria .....	11
2.2 Exterior Industrial Activity and Associated Potential Pollutants .....	12
2.2.1 Painting & Blasting Activities .....	12
2.2.2 Painting & Blasting Activities.....	14
2.3 Exposed Significant Materials .....	14
2.4 Significant Spills and Leaks .....	15
2.4.1 Documenting Spills and Leaks.....	15
2.4.2 Exterior Areas Where Potential Spills/Leaks Could Occur.....	16
2.5 Sampling Data Summary.....	17
2.6 Non-Storm Water Discharges Documentation .....	17
<b>SECTION 3: STORM WATER MANAGEMENT CONTROLS - IDENTIFICATION &amp; IMPLEMENTATION</b>	
3.1 Storm Water Management Controls- Identification .....	17
3.1.1 SWPPP Manager/SWPPP Committee .....	17
3.1.2 Risk Identification and Assessment/Material Inventory.....	17
3.1.3 Preventive Maintenance Program.....	18
3.1.3.a Stormwater Collection System BMPs.....	18
3.1.4 Good Housekeeping BMPs.....	19
3.1.5 Spill Prevention and Response Procedures BMPs .....	19
3.2 Storm Water Management Controls-Implementation .....	21
3.2.1 BMP Implementation.....	21
3.2.2 Routine Visual Exterior Inspections .....	21
3.2.3 Employee Training .....	22
3.2.4 Non-Stormwater Discharge Evaluation and Certification.....	23
3.2.5 Allowable Non-Stormwater Discharge Management.....	23

**SECTION 4: SITE INSPECTION AND SWPPP EVALUATION .....24**  
**SECTION 5: RECORDKEEPING AND REPORTING .....24**

**SWPPP APPENDICES:**

- Appendix A        Maps
- Appendix B        Monthly Spill and Leak Log Sheet
- Appendix C        Monthly Inspection/Visual Evaluation Report,
- Appendix D        Monthly Visual Jar Test Inspection Form
- Appendix E        Annual Comprehensive SWPPP Evaluation Form
- Appendix F        Employee Training Log

# INTRODUCTION

## Background

In 1972, Congress passed the Federal Water Pollution Control Act (FWPCA) (also known as the Clean Water Act (CWA)), to restore and maintain the quality of the nation's waterways. In 1987, the Water Quality Act (WQA) added provisions to the CWA that allowed the United States Environmental Protection Agency (EPA) to govern stormwater discharges from industrial activities. In 1995, EPA published the final notice for Phase I of the Multi-Sector General Storm Water Permit program (Federal Register Volume 60 No. 189, September 20, 1995, page 50804), which included provisions for the development of a Storm Water Pollution Prevention Plan (SWPPP) by each industrial facility discharging storm water. The Mississippi Department of Environmental Quality (MDEQ) is responsible for implementing and enforcing the CWA and other environmental regulations in the State of Mississippi.

This SWPPP is intended to provide a tool for:

- a. Identifying potential sources of pollutants that affect stormwater discharges from the site.
- b. Describing the practices that are to be implemented to prevent or control the release of pollutants in stormwater discharges.
- c. Where applicable, creating a schedule for implementing the practices described in this SWPPP, and evaluating the plan's effectiveness in reducing the pollutant levels in stormwater discharges.

## SWPPP Content

This SWPPP includes the following:

- a. Identification of the SWPPP Manager, with a description of the SWPPP Manager's duties.
- b. Description of the facility, including information regarding the facility's location and activities, as well as a site description, maps, and a description of the stormwater drainage system.
- c. Identification of potential stormwater contaminants.
- d. Description of storm water management controls and various Best Management Practices (BMPs) necessary to reduce pollutants in storm water discharge.

## **SECTION 1: FACILITY DESCRIPTION AND CONTACT INFORMATION**

### **1.1 Facility Information**

**Name of Facility:** Vicksburg Shipyard LLC.

**Street:** 1063 Haining Road

**City:** Vicksburg

**State:** Mississippi

**ZIP Code:** 39183

**County:** Warren

**Permit Number:** MSR00-52965

**Latitude:** 32.389154 degrees North **Longitude:** -90.881868 degrees West

**Method for determining latitude/longitude:** ESRI ArcGIS Pro

**Is the facility located in Indian Country?** No

**Is this facility considered a Federal Facility?** No

**Estimated area of industrial activity at site exposed to storm water:** 21.88 acres+/-

#### **1.1.1 Discharge Information:**

**Does this facility discharge stormwater into an MS4?** No

**Name of water(s) that receive stormwater from your facility:** Roadside ditches and drainage ways that ultimately drain to Vicksburg Harbor, which is connected to the Yazoo River, which drains to the Mississippi River.

**Are any of your discharges directly into any segment of "impaired" waters?** No

**Do you discharge into a Tier 2 (or Tier 2.5) receiving water?** No

**Are any of your stormwater discharges subject to effluent guidelines?**

All storm water discharges are subject to effluent guidelines as specified in the current edition of the Mississippi Department of Environmental Quality (MDEQ) issued "Storm Water General Permit for Industrial Activities."

**Primary SIC Code:** 373

**Secondary SIC Codes:** 34

**Rock Yard SIC Codes:** 1429

## **1.2 Contact Information/Responsible Parties:**

Facility Name: Vicksburg Shipyard LLC.  
Facility Manager: Brad Saucier  
Address: 1063 Raining Road  
City, State, Zip Code: Vicksburg, Mississippi 39183  
Telephone Number: 601-973-7413

Facility Owner: Vicksburg Shipyard LLC.  
Address: 1063 Raining Road  
City, State, Zip Code: Vicksburg, Mississippi 39183  
Telephone Number: 601-973-7413

## **1.3 SWPPP Manager**

**Name:** Jim Smith - **Telephone Number:** 601-638-592 - **Email:** smithj@terreiriverservice.com

### **SWPPP Manager Responsibilities:**

The SWPPP Manager's duties for this facility include the following:

- a. Implementation, maintenance, and revision of the SWPPP.
  - b. Oversee Implementation of the SWPPP.
  - c. Coordinate maintenance practices identified as BMPs in the SWPPP.
  - d. Coordinate employee training.
  - e. Coordinate specified inspection or monitoring activities.
  - f. Periodically review operations and maintenance practices for the purpose of identifying any potential sources of pollutants not addressed in the SWPPP.
  - g. Coordinate internal reviews for the purpose of identifying any deficiencies in the SWPPP.
  - h. Maintain current records on all plant operations related to the SWPPP and pollution prevention. Prepare and submit reports, as required by the NPDES Permit.
  - i. Monitor facility operations and maintenance activities for the purpose of identifying any changes not currently addressed in the SWPPP.
  - j. Coordinate updates to the SWPPP as required to: (1) Correct any deficiencies in the SWPPP, (2) Address changes in facility operations and/or maintenance activities, or (3) Address requirements of the EPA and/or MDEQ.
  - k. An SWPPP Committee can be appointed (if needed) to assist the SWPPP Manager in performing the responsibilities as described above, and as required by the Industrial Storm Water Permit for this facility.
- F. SWPPP Manager will be assisted in his duties by the Assistant SWPPP Manager when the need arises.

## 1.4 Activities at the Facility:

Vicksburg Shipyard LLC's primary activities include the construction and repair of barges, boats, and other waterborne vessels, as well as related metal fabrication services. Within the past year, following Vicksburg Shipyard's acquisition of the property, a portion of the site has been leased to its parent company, Terral River Services. Terral River Services currently operates a rock yard on the leased parcel.

Based on the facility's primary industrial activities, Vicksburg Shipyard LLC is classified under Standard Industrial Classification (SIC) Code 373 (Ship and Boat Building and Repairing). In addition, the co-located industrial activity present on the site is Rock yard operations conducted by Terral River Services on a leased portion of the property, which are classified under SIC Code 1429 (Crushed Stone and Gravel).

## 1.5 General Location Map:

The Vicksburg Shipyard facility is located at the Vicksburg Harbor on Haining Road in Vicksburg, Mississippi. A General Location Map showing the facility's general location is provided in Appendix A. Also, a copy of the USGS Quadrangle Map for the area is provided in Appendix A.

## 1.6 Site Map:

The total area of the facility site is approximately 21.88 acres. A Site Map for the facility is provided in Appendix A. The plant facility property has mild slopes and has a silty loam soil. The following activity areas were evaluated:

**1.6.1. Facility Area 1 (Fab Shop Area):** Facility Area 1 (called the Fab Shop Area) is located between Haining Road and Coast Guard Road. Facility Area 1 contains: (1) three buildings (Building ABC, Building D, & Building E); (2) employee parking areas (gravel surfaced); (3) an open "yard" type area (combination gravel/dirt/grassed surface); and (4) and grassed areas (located around property's perimeter, and adjacent to drainage ditches and buildings). The open "yard" area is currently used for storing steel components (referred to as the Exterior Storage Area on the Site Plan drawing). Surface runoff at Facility Area 1 is collected in drainage pipes and drainage ditches, which ultimately discharge into the Vicksburg Harbor.

**Building D:** Building D is a combination of the Fabrication Shop/Main Office Building. Building D is a totally enclosed building (metal construction with a concrete slab floor) that prevents all activities within the building from exposure to rainfall and/or stormwater. Building D's concrete slab floor lacks floor drains, preventing this area from contributing contaminants to stormwater during rainfall events and production activities. Metal components are cut and shaped in the "OMAX Jet Machining Center", which is located in a completely enclosed room located inside Building D. Additional metal fabrication equipment is located in a large fabrication area of Building D. A completely enclosed (and air-conditioned multi-room area) Main Office Area is located at the northeast corner of Building D.

Typical waste byproducts generated in the OMAX Jet Machining Center and the large open fabrication area of Building D are expected to include small quantities of metal, welding, cutting, and assembly residues, as well as overflow water. All waste materials shall be tested as necessary to determine whether they are non-hazardous or hazardous and disposed of in accordance with applicable regulations. Good housekeeping and best management practices (BMPs) should be maintained at all times to prevent contaminants from leaving the area.

**Building D:** Building D has two exterior-covered areas attached to it. Both areas have metal roofs and are open on three sides. One of the exterior covered areas is located on the north side of Building D, and the other exterior covered area is located on the west side of Building D. The exterior covered area located on the north side of Building D has a concrete slab floor, and is located at a large overhead door which provides access to Building D. The exterior covered area located on the west side of Building D currently has a dirt/gravel floor and is currently used for temporary storage of drums and other materials prior to their disposal at approved facilities. Good housekeeping best management practices (BMPs) should be maintained to prevent potential contaminants from leaving these areas. Building D has interior restrooms that discharge to a sanitary wastewater treatment unit located adjacent to the building (see Site Plan drawing).

**Building ABC:** Building ABC is a totally enclosed building (metal construction with concrete slab floor), which prevents all activities located within the building from being exposed to rainfall and/or stormwater. Building ABC's concrete slab floor lacks floor drains, preventing this area from contributing contaminants to stormwater during rainfall events and production activities. Building ABC contains two separate interior rooms (an office and a tool room), and a large fabrication area, which contains a break area along with various types of metal fabrication equipment. Metal components are cut, welded, and assembled into the large fabrication area of Building ABC. Typical waste byproducts generated in the fabrication area of Building ABC are expected to include small quantities of metal welding and fabrication residues and parts. Good housekeeping and best management practices (BMPs) should be maintained to prevent contaminants from leaving this area. Building ABC has an interior restroom that discharges to a sanitary wastewater treatment unit located adjacent to the building (see Site Plan drawing).

**Building E: ("Paint Shed")** is a building that is used for the painting/coating of metal components. Building E is of metal construction (metal roof and walls on three sides) with a concrete slab floor. The side of Building E that is not enclosed features an adjustable curtain wall that can be closed during painting/coating activities. Building E is an enclosed building (metal construction with concrete slab floor), which prevents all activities located within the building from being exposed to rainfall and/or stormwater. Building E's concrete slab floor lacks floor drains, preventing this area from contributing contaminants to stormwater during rainfall events and painting/coating activities. Typical waste byproducts generated in Building E would include used sandblasting media and metal paint and coating residues. Good housekeeping and best management practices (BMPs) should be maintained to prevent contaminants from leaving this area.

### **1.6.1 Facility Area 2: Rock Yard**

The Rock Yard is a leased property located immediately west of the Facility and comprises a portion of the overall site. Access to the Rock Yard is provided from the north side of Haining Road. The area contains multiple gravel stockpiles of varying sizes, sold to construction and industrial customers. A truck scale is located in front of Buildings F and G.

The Rock Yard surface is well-graveled and graded to slow stormwater runoff and direct flow toward county ditches. To control dust during dry conditions, a water tanker is used to spray the property as needed. The entire Rock Yard is fully fenced, and vegetative filter strips are in place along the perimeter to help filter runoff. One on-site ditch includes a straw bale berm to slow stormwater flow before it enters the county ditch along Coast Guard Road. Drainage from this site drains through grassed areas into the ditch that runs along the Coast Guard Road that connects to the ditch at the site #1 sampling site.

#### **Fuel Storage and Secondary Containment**

A fueling station is located approximately 100 yards from the Rock Yard entrance and consists of two 500-gallon aboveground fuel storage tanks (ASTs) installed on a concrete slab and surrounded by engineered concrete secondary containment walls. The secondary containment system is designed to provide a minimum containment capacity of 110 percent of the volume of the largest single tank, in accordance with 40 CFR §112.7(c).

The secondary containment area is inspected routinely and after storm events to identify cracks, deterioration, or stormwater accumulation. Accumulated precipitation within the containment area is visually inspected for the presence of oil sheen or petroleum residues prior to discharge, as required by 40 CFR §112.8(c)(3).

Stormwater may be removed from the containment area only after inspection confirms the absence of oil/fuel contamination and shall be discharged to an adjacent area. Discharge of water from the containment area directly to storm drains, surface waters, or drainage conveyances is prohibited.

If oil sheen or petroleum residue is observed, the accumulated water shall not be discharged; it shall be managed and disposed of in accordance with applicable federal, state, and local regulations.

Removal of any water from the secondary containment area requires prior approval from the Shipyard Manager.

**Building F:** Building F is on the property leased by the Rock Yard adjacent to the Fab Shop property. It is a small office building used by the Rock Yard. It is a concrete-block structure (on all 4 sides) with an asphalt shingle roof. It has an office and 1 bathroom, which discharges to the city sewer that runs beside Haining Rd.

**Building G:** Building G is on the property leased by the Rock Yard adjacent to the Fab Shop property. It is a garage-style building with 2 bays. It is of Sheet metal construction on all walls & roof. It is currently used for vehicle storage and for other materials and equipment as needed.

**1.6.3. Facility Area 3:** Facility Area 3 is located between Coast Guard Road and Vicksburg Harbor, and east of Port Terminal Circle. Facility Area 3 contains: (1) one building (Building 4); (2) an open "yard" type area (combination gravel/dirt/grassed surface); (3) a large barge/floating dock work area, (4) employee parking areas, and (5) grassed areas on slopes and other areas. The open "yard" area is currently used for temporary storage of steel components (referred to as the Exterior Storage Area on the Site Plan drawing). Building 4 contains large cranes used in metal fabrication processes and floods when water levels on the Mississippi and Yazoo Rivers reach flood stage.

**1.6.4. Facility Area 3(a) Lower Rock Yard:** Facility Area 3(a), herein referred to as the Lower Rock Yard, is located between Coast Guard Road and Vicksburg Harbor. The area is being converted from a temporary storage location for steel components and inactive equipment into a designated rock storage and handling area to support operational needs and improve site efficiency. Proposed construction activities include clearing, grading, and the placement of a 610 aggregate base course to provide a stabilized, all-weather surface. These activities are not expected to significantly alter existing drainage patterns, drainage areas, or discharge locations. Stormwater runoff will continue to be conveyed primarily as sheet flow. Erosion and sediment control BMPs and stormwater management measures will be implemented in accordance with this SWPPP and the requirements of the Mississippi Construction General Permit (MSR15). BMPs will include stabilized surfaces, vegetative filter strips, and perimeter controls, as appropriate, to minimize the discharge of pollutants and prevent off-site sediment transport. All BMPs will be inspected at the frequency required by the permit and after qualifying rainfall events, and any deficiencies will be corrected in accordance with permit-required corrective action time-frames. A designated Rock Barge Unload Area is located within Facility Area 3(a) and is used for unloading rock materials from barges. This area is subject to periodic inundation when the Mississippi and Yazoo Rivers reach flood stage. Following flood events, disturbed areas and BMPs will be inspected and repaired or reinstalled as necessary to maintain permit compliance.

Stormwater runoff from Facility Area 3(a) flows as sheet flow across stabilized and vegetated areas and ultimately discharges to Vicksburg Harbor. No new outfalls are proposed as part of this modification.

## **SECTION 2: ASSESSMENT - POTENTIAL POLLUTANT SOURCES**

### **2.1 Potential Pollutant Sources Assessment Criteria**

This section identifies areas at the facility where industrial materials or activities may be exposed to storm water, or from which allowable non-stormwater discharges may be released. The assessment of potential pollutant sources involves conducting a site review and material inventory (i.e., identifying materials that have been and are exposed to storm water, and the measures taken to prevent storm water from contacting these materials). An efficient way to identify the materials handled onsite and any exposed materials that may contribute to potential stormwater contamination issues is to maintain an up-to-date material inventory. A site review and material inventory should focus on:

- (1) Inspecting areas where materials are stored, processed, transported, or transferred.
- (2) Inspecting storage tanks and piping for leaks or spills.
- (3) Observing loading and/or unloading operations to see if industrial materials are exposed to stormwater.
- (4) Ensuring that dumpsters and/or disposal areas are covered or properly sealed.
- (5) Reviewing material handling equipment (including vehicles and pallets).
- (6) Reviewing areas where industrial materials are stored or disposed of (to ensure that there are no openings, holes, or leaks which would allow storm water contact
- (7) Review potential emissions from roof air vents to evaluate potential for particles to be emitted, which could be exposed to storm water during rainfall events or fall within facility drainage areas.

## 2.2 Exterior Industrial Activity and Associated Potential Pollutants

Areas and activities at the facility where industrial materials or activities may be exposed to stormwater are listed below:

Facility Area	Exterior Activity Location	Potential Pollutant(s)
1	Waste Dumpster Area	Discarded containers, discarded trash, vehicle fuels, coolants, lubricants, and/or other fluids
1 & 2	Transformers	Non-PCB Oils
1 & 2	Parking, Drives, & Exterior Storage (Open "Yard") Areas	Vehicle/equipment fuels, coolants, lubricants, and/or other fluids
1	Air Conditioner Compressors	Coolant fluids
1	Area Adjacent to Building E (Paint Booth)	Paint, Coating, & Abrasive Residues
3	Top deck surfaces of Dock/Floating Barge Work Area	Vehicle/equipment fuels, coolants, lubricants, and/or Coatings, abrasives, or other fluids
1 & 2	Sanitary Wastewater Treatment Units	Insufficiently treated sanitary wastewater if treatment units are not functioning properly
2	Rock Yard, Parking, Drives, & Exterior Storage (Open Yard) Areas	Vehicle/equipment fuels, coolant, lubricants, and/or other fluids and sediments from gravel stockpiles.
3 & 3(a)	Parking, Drives, & Exterior Storage (Open Yard) Areas	Vehicle/equipment fuels, coolant, lubricants, and/or other fluids.

### 2.2.1 Painting & Abrasive Blasting Activities– Floating Dry Dock

#### a) Activity Description

Painting and abrasive blasting will be conducted on barges and towboats using a floating dry dock. Activities include surface preparation, abrasive blasting, coating removal and application, equipment staging, waste handling, and decontamination. This section establishes Best Management Practices (BMPs) to prevent the discharge of pollutants to waters of the State of Mississippi in accordance with MDEQ and NPDES stormwater permit requirements.

#### b) Potential Pollutants

Potential pollutants associated with these activities include:

- Lead-containing paint chips and spent abrasive media
- Airborne particulate matter
- Contaminated stormwater
- Wash water from equipment cleaning, decontamination, showers, and clothes washing
- Fuels, oils, and lubricants from support equipment

**c) Containment and Controls**

All blasting and coating removal shall be performed within an enclosed containment system of curtains & boom designed to reduce the release of dust, debris, and wastewater to surrounding waters. Containment systems shall be inspected daily and after precipitation events.

**d) Material Handling and Storage**

Abrasives, coatings, and chemicals shall be stored in sealed, properly labeled containers. Materials must be kept under cover or within secondary containment to prevent contact with stormwater. Spent abrasive material and paint debris shall be collected daily, or continuously during operations, as necessary.

Dry docks shall have floors completely cleaned of all debris before being lowered to remove a barge or towboat, to prevent contact with waters of the state.

**e) Stormwater Controls**

Stormwater shall be prevented from contacting active blasting and painting areas. Operations shall be suspended during precipitation unless containment fully protects against stormwater intrusion. Runoff from adjacent areas shall be diverted from work zones. Accumulated water within containment shall be collected, tested as required, and properly disposed.

**d) Wastewater Management**

All wastewater generated from decontamination, showers, clothes washing, and equipment cleaning shall be collected. Wastewater discharge to surface waters or storm drains is prohibited. Wastewater shall be tested as required and disposed of in accordance with applicable regulations.

**e) Waste Management**

Any Lead-containing waste shall be handled and managed in accordance with all applicable U.S. Environmental Protection Agency (EPA) and Mississippi Department of Environmental Quality (MDEQ) hazardous and non-hazardous waste regulations. Potential waste streams include spent abrasive media, paint chips, disposable personal protective equipment (PPE), filters, and other materials contaminated with lead. Lead-containing waste shall be accumulated in closed, compatible, and properly labeled containers and stored within designated waste accumulation areas. Waste determinations shall be made through analytical testing, including Total Metals Toxicity Characteristic Leaching Procedure (TCLP) analysis and Naturally Occurring Radioactive Material (NORM) testing, as applicable. Wastes determined to be hazardous shall be transported and disposed of by a properly permitted hazardous waste contractor operating under the facility's EPA Small Quantity Generator (SQG) identification number (MSD985971662). Non-hazardous waste shall be disposed of at an approved facility in accordance with applicable regulations. Records of waste determinations, analytical results, and disposal documentation shall be maintained on-site and made available to MDEQ upon request.

**d) Spill Prevention and Response**

Spill response materials shall be maintained on-site. In the event of a spill or containment failure, operations shall cease immediately, and the released material shall be recovered and properly disposed of. Regulatory notifications shall be made as required.

## **f) Inspections and Responsibilities**

Daily inspections shall be conducted during active operations and following rain events. Identified deficiencies shall be corrected immediately and documented. The Shipyard Manager or Environmental Compliance Officer is responsible for implementing and overseeing these BMPs.

### **2.2.2 Painting & Blasting Activities - Paint Shop:**

Painting/coating & Blasting operations are conducted inside the facility's paint shop building and will not be exposed to stormwater.

Identified BMPs for painting/coating operations inside the facility's Paint Shed include:

a. Periodically inspect and maintain the tarps/vacuums used to collect solid waste produced by sanding or painting. Tarps, drip pans, or other spill collection devices should be used to collect spills of paints, solvents, or other liquid materials. This waste shall also be handled using the same procedures identified in the Waste Management section (2.2.1.e) of the previous section, properly tested, and disposed of to prevent contamination of stormwater.

b. Investigate and implement available options for recycling used/waste paint, paint thinner, and solvents.

Some recycling options could include reusing dirty solvent for cleaning dirty spray equipment and parts before equipment is cleaned in fresh solvent; arranging for the collection and transportation of paints, paint thinner, or spent solvents to a commercial recycling facility.

## **2.3 Exposed Significant Materials**

"Significant materials" are defined in 40 CFR 122.26(b)(12) to include, but not limited to raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under Section 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA); any chemical the facility is required to report pursuant to Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA); fertilizers; pesticides; and waste products such as ashes, slag, and sludge that have a potential to be released with stormwater discharges.

### **Significant Materials**

Significant materials at the Rock Yard & Lower Rock Yard consist of outdoor stockpiles of gravel and aggregate of various sizes, which are exposed to stormwater. These materials have the potential to contribute sediment and increased turbidity to stormwater discharges. Stormwater runoff from the Rock Yard is managed through site grading, vegetative filter strips, perimeter drainage features, and a straw bale berm designed to reduce runoff velocity and filter sediment prior to discharge to adjacent county ditches. Dust is controlled through periodic water application under dry conditions to minimize off-site transport of particulate matter.

## **2.4 Significant Spills and Leaks**

The U.S. Environmental Protection Agency (EPA) has defined "significant spills" as releases of hazardous substances within a 24-hour period that exceed reportable quantities under Section 311 of the Clean Water Act and Section 102 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Reportable quantities are set amounts of substances in pounds, gallons, or other units and are listed in 40 CFR Part 117 and 40 CFR Part 302. Releases are defined to include any spilling, leaking, pumping, pouring, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment.

**2.4.1 Documenting Spills and Leaks:** The form entitled "Monthly Spill and Leak Log Sheet" (Appendix B) is to be completed (with a copy maintained in the facility's Industrial Activity SWPPP file) each month. The box labeled "No spills have occurred this month" should be marked if no spills or leaks occur during the month. Spill and leak documentation can minimize incident recurrence, initiate appropriate cleanup activities, and comply with legal requirements.

### 2.4.2 Exterior Areas Where Potential Spills/Leaks Could Occur:

This section identifies exterior areas of the facility where spills and leaks could occur and contribute pollutants to stormwater discharge.

Facility Area	Exterior Activity Location	Potential Pollutant(s) Source & Path	Outfall Number
1	Parking Areas, Drives, & Exterior Storage (Open "Yard") Areas	Leaks in vehicular mechanical/fluid systems onto area. Leaked residues could either infiltrate into the ground's surface, or sheet flow across area during rainfall events to grassed areas & drainage pipes/ditches.	1
1	Waste Dumpster Area	Leaks from dumpster (or during transfers to/from dumpster) onto area, or leaks in vehicular mechanical/fluid systems onto adjacent areas. Leaked residues could either infiltrate into the ground's surface or sheet flow across area during rainfall events to grassed areas & drainage pipes/ditches.	1
1	Transformers	Transformer failure or leaks onto the adjacent area. Leaked residues could either infiltrate into the ground's surface, or sheet flow across adjacent areas during rainfall events.	1
1	Building E (Paint Booth) and adjacent area	Paint, coating, or abrasive residues onto adjacent areas. Uncontrolled residues could either infiltrate into the adjacent pavement/ground surface, or sheet flow across the area during rainfall events to the grassed areas and the adjacent drainage ditch.	1
1	Air Conditioner Compressors	Leaks in piping onto the adjacent area. Leaked residues could either infiltrate into soil or sheet flow across adjacent areas.	1
3	Exterior Storage (Open "Yard") Areas, Parking/Drive Areas, & top deck surfaces of Dock/Floating Barge Work Area	Leaks in vehicular/equipment mechanical/fluid systems onto area. Leaked residues could either infiltrate into the ground's surface, or sheet flow across areas during rainfall events to grassed areas and/or Vicksburg Harbor	
2	Transformers	Transformer failure or leaks onto area. Leaked residues could either infiltrate into the ground's surface, or sheet flow across the area during rainfall events to grassed areas & drainage ways.	
3	Exterior Storage (Open "Yard") Areas, Parking/Drive Areas,	Leaks in vehicular mechanical/fluid systems onto the area. Leaked residues could either infiltrate into the ground's surface, or sheet flow across area during rainfall events to grassed areas & drainage pipes/ditches.	1
3(a)	Exterior Storage (Open "Yard") Areas, Parking/Drive Areas,	Leaks in vehicular mechanical/fluid systems onto the area. Leaked residues could either infiltrate into the ground's surface, or sheet flow across the area during rainfall events to grassed areas and/or Vicksburg Harbor.	

## **2.5 Sampling Data Summary**

Jar Test samples should be collected during or after storm events, with the findings recorded on the "Monthly Visual Jar Test Inspection Form" (see Appendix D). Copies of the completed form should be maintained in the facility's Industrial Activity SWPPP file.

## **2.6 Non-Storm Water Discharges Documentation**

Sanitary wastewater generated at Buildings A, B, C, and D is treated by existing on-site sanitary wastewater treatment units. Treated effluent from the Building D treatment unit is discharged to the adjacent drainage ditch along Coast Guard Road. Treated effluent from the Buildings A, B, and C treatment unit is discharged to buried field lines located on the property. These treatment units are inspected regularly to ensure proper operation and prevent potential impacts on stormwater.

## **SECTION 3: STORM WATER MANAGEMENT CONTROLS - IDENTIFICATION**

Stormwater management controls (or best management practices (BMPs)) are implemented to prevent pollutants from entering stormwater or to reduce the number of pollutants in stormwater discharged from the facility. The focus of the Mississippi Department of Environmental Quality's stormwater general permits is on preventative BMPs that limit the release of pollutants into the stormwater discharges. A BMP is defined as a technique, process, activity, or structure used to reduce the pollutant content of a stormwater discharge. Good stormwater management includes reducing material exposure to stormwater and directing it away from contaminated areas.

### **3.1 Stormwater Management Controls - Identification**

**3.1.1 SWPPP Manager/SWPPP Committee:** The facility's SWPPP Manager (along with a brief description of the SWPPP Manager's responsibilities) is provided in Section 1. Members of the SWPPP Committee can assist the SWPPP Manager in meeting the requirements of the SWPPP and the Industrial Activities Stormwater Permit for this facility.

**3.1.2 Risk Identification and Assessment/Material Inventory:** The SWPPP is to assess the pollution potential associated with all of the various activities and functional areas at the facility including: (1) Loading and unloading operations, (2) outdoor storage, (3) Manufacturing or processing activities, (4) Significant dust or particulate generating processes, and (5) On-site waste disposal practices. Once the potential pollutant source(s) have been identified, the next step is to evaluate the potential pollutant load of each source, followed by selecting the most appropriate BMP to control potential pollution from each source.

### **3.1.3 Preventive Maintenance Program:**

Preventive Maintenance involves the regular inspection, testing, and cleaning of facility components (e.g., equipment and functional areas), and operational systems. The purpose of regular inspections is to identify conditions that could lead to the release of materials to:

1. Areas exposed to stormwater during rainfall events; and/or
2. Drainage culverts, stormwater conveyances, and drainage ditches.

Once deficiencies or potential pollutant sources are identified, appropriate preventive maintenance measures shall be implemented to correct the conditions and prevent stormwater contamination.

#### **Non-Structural Controls**

Non-structural controls are preventive maintenance practices specifically intended to reduce the amount of pollution reaching surface waters by addressing potential pollution sources. These controls do not require structural modifications to the Facility. The Facility has identified and implemented non-structural controls at potential sources of stormwater pollutants. The Facility shall conduct regularly scheduled inspections and, as necessary, testing of all equipment, components, and operational activities to prevent breakdowns, leaks, or failures that may result in stormwater pollution. Any equipment or component defects identified during inspections shall be promptly repaired or replaced to maintain proper function and ensure continued compliance with stormwater pollution prevention requirements.

In addition, the Facility shall:

- a. Implement identified procedures to improve facility activities and operations for the purpose of preventing breakdowns or failures that may cause pollution.
- b. Maintain complete and accurate records of all inspections, repairs, and activity or procedural improvements.

**3.1.3.a Stormwater Collection System BMPs:** Identified stormwater collection system BMPs for this facility include:

- a. Conducting regularly scheduled inspections of the stormwater management devices (e.g., drainage ditches and drainage pipes) for the purpose of identifying any defects (e.g., cracks or leaks in piping, or silted/clogged areas of ditches/piping) which might cause failures of the stormwater collection system.
- b. Repairing any identified defects of the stormwater collection system.
- c. Maintaining grassed buffer areas adjacent to all drainage ditches, grassed/landscaped perimeter areas, and grassed drainage ditches (e.g., mowing, fertilizing as required, and repairing eroded areas as required).

d. Maintaining complete records on inspections and repairs. The "Monthly Inspection/Visual Evaluation Report" form (see Appendix C) is to be completed each month, with a copy retained in the facility's Industrial Activity SWPPP file. The "Annual Comprehensive SWPPP Evaluation Form" (see Appendix E) should be completed annually (a copy of which should be maintained in the facility's Industrial Activity SWPPP file, and one copy must be submitted to the MDEQ by December 31st of each year).

**3.1.4 Good Housekeeping BMPs:** A clean and orderly work area reduces the potential of accidental spills caused by mishandling of chemicals and equipment and can reduce safety hazards to plant personnel. A well-maintained material and chemical storage area is an important prevention measure. Simple procedures that promote good housekeeping include improved operation and maintenance of industrial machinery and processes, routine cleaning schedules, organized work areas, and employee education. Identified good housekeeping BMPs for this facility include:

- a. Maintaining dry, clean floors and ground surfaces.
- a) Regularly disposing of garbage and waste material.
- b) Providing adequate aisle space for material transfer and inspections.
- c) Storing containers, drums, and bags away from direct traffic routes.
- d) Storing containers to prevent corrosion by contact with moisture.
- e) Assigning responsibility for hazardous material to trained people.
- f) Institute a shelf-life program to reduce material waste.
- g) Discussing good housekeeping at employee meetings/training sessions.
- h) Publicizing pollution prevention concepts through posters.
- i) Updating bulletin boards with good housekeeping procedures.
- j) Store paint, thinner, and oil containers in sheltered areas. Provide a watertight tarp/cover over the trailer in which the empty containers are stored while awaiting pick-up for disposal (if applicable).

**3.1.5 Spill Prevention and Response Procedures BMPs:**

Avoiding spills and leaks is preferable to cleaning them up, not only for environmental reasons but also for economic ones. The integrity of containers, the form of the chemical being transferred, and procedures for loading and unloading are to be considered. Indoor areas may contaminate stormwater if drains are connected to the storm sewer. If drains cannot be sealed, process and/or storage areas are to be evaluated for the adequacy of spill control structures and the housekeeping procedures used.

Spill prevention and response procedures are to be addressed in the facility's Spill Prevention and Response Plan.

Identified spill prevention and response BMPs for this facility include

- a) Identify and label all chemical substances present in the workplace. Keep the Material Safety Data Sheet (MSDS) for each chemical/material used. Labels (or wall signs) should include name and type of substance, stock number, expiration date, health hazards (including personal protection considerations and requirements), handling considerations, and first aid information as found on the MSDS. Clearly mark all hazardous materials that require special handling, storage, use, and disposal.
- b) Review ways to recycle, reclaim, and/or reuse process materials to reduce the volume of new chemicals/materials brought to the facility.
- c) Adopt effective housekeeping practices.
- d) Conduct regularly scheduled inspections and reviews of material handling procedures and storage requirements for preventing potential spills. Implement any identified procedures to improve material handling and storage requirements. Store containers in areas away from high-traffic areas where they may be hit by moving equipment or personnel.
- e) Perform preventive maintenance.
- f) Install leak detection, overflow controls, and diversion berms where applicable.
- g) Untreated/unmonitored waste streams should not be connected directly to the storm sewer or sanitary sewer. Use filling procedures for tanks and equipment that minimize spills. Use material transfer procedures that reduce leaks or spills.
- h) Substitute less or non-toxic materials for toxic materials wherever available (e.g., biodegradable cleaning materials).
- i) Implement appropriate security procedures.
- j) Identify and train personnel in the proper procedures for handling materials, storing materials, and cleaning up potential spills. Provide and ensure that facility personnel have the necessary cleanup and personal protective equipment.
- k) Maintain complete records on inspections and spill prevention/response procedures.

## 3.2 Stormwater Management Controls - Implementation

**3.2.1 BMP Implementation:** BMPs should be properly implemented and maintained as described herein.

**3.2.2 Routine Visual Exterior Inspections:** The following regular exterior (i.e., located in areas that may be exposed to storm water during rainfall events) inspection-related tasks and frequencies have been identified for this facility:

Facility Area	Exterior Activity Location	Tasks	Frequency
1	Waste Dumpster Area	Inspect leaks from the dumpster (or during transfer to/from the dumpster) onto the area, or leaks in vehicular mechanical/fluid systems onto the paved area. Inspect for preventive maintenance-related issues. Inspect for good housekeeping-related issues (e.g., keep area clear of debris and standing water).	monthly
1&2	Transformers	Inspect for transformer failure or leaks onto adjacent area. Inspect for preventive maintenance related issues. Inspect for good housekeeping related issues (e.g., keep area clear of debris, standing water, & insect/bird nests).	monthly
1&2	Parking Areas, Drive Areas, & Exterior Storage (Open "Yard") Areas	Inspect for leaks in vehicular/equipment mechanical/fluid systems onto area. Inspect for preventive maintenance related issues. Inspect for good housekeeping related issues (e.g., keep areas clear of debris and standing; water).	monthly
1	Air Conditioner Compressors	Inspect leaks in piping onto adjacent area. Inspect for preventive maintenance related issues. Inspect for good housekeeping related issues (e.g., keep area clear of debris, standing water, & insect/bird nests).	monthly
1	Area Adjacent to Building E (Paint Booth)	Inspect to make sure no paint, coating, or abrasive residues are located outside the building and in areas exposed to weather and rainfall. Inspect for preventive maintenance related issues. Inspect for good housekeeping related issues (e.g., keep area clear of debris and properly contain and dispose of all paint, coating, and abrasive residues and unused materials).	monthly

Facility Area	Exterior Activity Location	Tasks	Frequency
3	Top deck surfaces of Dock/Floating Barge Work Area	Inspect for leaks in vehicular/equipment mechanical/fluid systems onto area. Inspect preventive maintenance-related issues. Inspect for good housekeeping-related issues (e.g., keep areas clear of debris and standing water).	monthly
1, 2, 3 & 3(a)	Grassed Areas	Inspect for eroded areas in grassed buffer areas, grassed/landscaped areas, & grassed drainage swales. Inspect for preventive maintenance-related issues. Inspect for good housekeeping related issues (e. g., keep area clear of debris & properly mowed).	monthly
1	Storm Water Collection System	Inspect the integrity, condition, and proper functioning of drainage ditches/swales and drainage pipes. Inspect preventive maintenance-related issues. Inspect for good housekeeping-related issues (e.g., keep the area clear of debris and properly mowed).	monthly

### 3.2.3 Employee Training:

Employees and personnel responsible for implementing and/or complying with the SWPPP requirements are to receive periodic training. The basic periodic training topics are to include the SWPPP's goals and other components identified in the "Storm Water General Permit for Industrial Activities". The "Employee Training Log" form (see Appendix F) is to be completed to document the facility's employee training program. Copies of the completed forms are to be maintained in the facility's Industrial Activities SWPPP file.

According to provisions of the "Stormwater General Permit for Industrial Activities", the facility is to develop and implement a program for initial and periodic refresher training of personnel who are responsible for implementing and/or complying with the requirements of the Industrial Activities Storm Water Permit. Initial training for all personnel responsible for implementing and/or complying with the requirements of the subject permit is to be conducted within 12 months of issuance of coverage or recovery under the subject permit. Newly hired employees responsible for implementing and/or complying with the requirements of the subject permit are to receive initial training prior to performing such responsibilities. All employees responsible for implementing and/or complying with the requirements of the subject permit are to receive refresher training by December 31<sup>st</sup> of each calendar year.

Training is to address, but not be limited to, the following minimum elements:

- (a) SWPPP goals and plan components, and compliance with provisions of the facility's Industrial Activities Storm Water Permit.
- (b) Housekeeping and pollution prevention requirements.

- (c) Spill prevention and response procedures.
- (d) Identification and elimination of any non-allowable, non-stormwater discharges.
- (e) Installation, maintenance, and inspection of erosion and sediment controls for any construction activities.
- (f) Installation, maintenance, and inspection of Best Management Practices (BMPs) for industrial storm water and/or post-construction storm water.
- (g) Procedures for monitoring compliance with non-numeric and numeric limitations prescribed in the facility's Industrial Activities Storm Water Permit.
- (h) Recordkeeping, reporting, and record retention requirements (includes understanding the records filing system and being able to produce the required permit documentation during an MDEQ on-site inspection.
- (i) Release reporting and non-compliance notification and reporting requirements.
- (j) Applicable standard requirements are contained in the facility's Industrial Activities Storm Water Permit.

**3.2.4 Non-Storm Water Discharge Evaluation:** Non-storm water discharges include process water, non-contact cooling water, vehicle wash water, and/or sanitary wastewater. The "Stormwater General Permit for Industrial Activities" lists non-stormwater discharges that are covered by that permit. If unpermitted flows are identified, they are to be discontinued until either: (1) an NPDES permit has been issued, or (2) the unpermitted flow has been eliminated.

**3.2.5 Allowable Non-Storm Water Discharge Management:** Allowable non-storm water discharges included in the "Stormwater General Permit for Industrial Activities" which may be applicable to this facility on an infrequent basis include: (1) discharges from actual fire-fighting activities; (2) fire hydrant flushing's; (3) water used to control dust; (4) potable water including uncontaminated water line flushing; (5) routine external building wash down that does not use detergents; (6) pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents are not used; (7) uncontaminated air conditioning or compressor condensate; (8) uncontaminated ground water or spring water; (9) foundation or footing drains where flows are not contaminated with process materials such as solvents; (10) uncontaminated excavation dewatering; (11) landscape irrigation; and (12) water used to wash vehicles where detergents are not used. All non-stormwater discharges are to be eliminated or reduced to the maximum extent feasible.

## **SECTION 4: SITE INSPECTION AND SWPPP EVALUATION**

During coverage under the "Stormwater General Permit for Industrial Activities", all areas contributing to storm water discharges associated with industrial activity must be inspected at least monthly. The purposes of the inspection(s) are to: (1) verify that the description of potential pollutant sources and the implementation of management controls included in the SWPPP are adequate to minimize pollutant loadings to storm water; (2) whether (or not) the SWPPP is being properly implemented in accordance with the terms of the "Stormwater General Permit for Industrial Activities"; and (3) whether (or not) additional control measures are needed. The SWPPP Manager (with assistance from the facility's SWPPP Committee, if applicable) is to be responsible for completing the site inspection(s) and SWPPP evaluations(s) and is to document the findings and complete any needed modifications and/or amendments to the facility's Industrial Activities SWPPP.

## **SECTION 5: RECORDKEEPING AND REPORTING**

The "Stormwater General Permit for Industrial Activities" requires that the SWPPP be amended whenever: (1) there is a change in design, construction, operation, or maintenance, which may increase the discharge of pollutants to storm water; or (2) if the SWPPP proves to be ineffective in controlling storm water pollutants. The amended SWPPP is submitted to the MDEQ within 30 days of the amended date.

All records, reports, and information resulting from activities required by the "Stormwater General Permit for Industrial Activities" are to be retained in a file located at the facility (i.e., facility's Industrial Activities SWPPP file) and made available (if requested) for review by MDEQ personnel at the time of annual compliance inspections. The "Annual Comprehensive SWPPP Evaluation Form" (Appendix E) must be completed on an annual basis (with one copy retained in the facility's Industrial Activities SWPPP file (along with the SWPPP and all other SWPPP-related records), and one copy submitted to the MDEQ annually and postmarked no later than the 31<sup>st</sup> of December of each calendar year).

Each month, the "Monthly Inspection/Visual Evaluation Report" form (see Appendix C), the "Monthly Spill and Leak Log Sheet" (see Appendix B), and the "Monthly Visual Jar Test Inspection Form" (see Appendix D) are to be completed in conformance with the requirements specified on each form. Copies of each completed form are to be retained in the facility's Industrial Activities SWPPP file.

The "Employee Training Log" form (see Appendix F) is to be completed in accordance with the requirements specified on the form, and copies of the completed forms are to be retained in the facility's Industrial Activities SWPPP file.

All Industrial Activities SWPPP records are to be retained for a period of not less than three years from the year of generation, or as otherwise specified in the "Stormwater General Permit for Industrial Activities".

# **APPENDIX-A**

## **Maps**

# Vicksburg Shipyard - 1063 Haining Road Detailed Site Map



Legend

Property	Existing 4" PVC Discharge
Parcels	Existing 18" RCP Culvert
Dainage Ditch	



Vicksburg Harbor

# Vicksburg Shipyard - 1063 Haining Road Facility Overview Map







## **APPENDIX-B**

### **Monthly Spill and Leak Log Sheet**

Facility Name \_\_\_\_\_

## Monthly Spill & Leak Log Sheet

Month/Year \_\_\_\_\_

Physical Address \_\_\_\_\_

Coverage Number \_\_\_\_\_

**Instructions:** A list of spills and leaks of toxic or hazardous pollutants that have occurred at the facility shall be documented on the Monthly Spill and Leak Log Sheet that is provided in the Forms Package. A separate form shall be completed for each month that the facility is covered under this general permit. If no spills have occurred, the form shall be completed by checking the available box and signing it as indicated. Coverage recipients may use an alternate form to record this information, so long as it includes all of the information on the above-referenced form and it is updated monthly. The completed forms shall be filed on-site with the SWPPP and made available to MDEQ personnel for inspection upon request. [General Permit ACT5 T-3 (4)]

Date of Spill	Material Spilled	Quantity Spilled <small>(specify units)</small>	Area that Spill Occurred	Did the Spill Result in a Discharge?	Injury / Property Damage?	Person(s) Involved In Clean-up	Date Reported to MDEQ <small>(If significant)</small>
Corrective Action(s) Taken							
Date of Spill	Material Spilled	Quantity Spilled <small>(specify units)</small>	Area that Spill Occurred	Did the Spill Result in a Discharge?	Injury / Property Damage?	Person(s) Involved In Clean-up	Date Reported to MDEQ <small>(If significant)</small>
Corrective Action(s) Taken							
Date of Spill	Material Spilled	Quantity Spilled <small>(specify units)</small>	Area that Spill Occurred	Did the Spill Result in a Discharge?	Injury / Property Damage?	Person(s) Involved In Clean-up	Date Reported to MDEQ <small>(If significant)</small>
Corrective Action(s) Taken							
<b>D</b> No spills have occurred this month.	<i>"I certify under penalty of law that this report is true, accurate, and complete, to the best of my knowledge and belief"</i>						
	Inspector's Name - Printed			Inspector's Signature			Date

Page\_of\_

## **APPENDIX-C**

# **Monthly Inspection and Visual Evaluation Report**

INDUSTRIAL STORMWATER GENERAL PERMIT  
 COVERAGE NUMBER(MSR \_\_\_\_\_)  
 MONTHLY INSPECTION/ VISUAL EVALUATION REPORT  
 (FOR INDUSTRIAL STORM WATER ACTIVITY)

<b>FACILITY NAME:</b>	<b>DATE:</b>			
<b>PHYSICAL ADDRESS:</b>				
<b>WEATHER INFORMATION:</b>				
<ul style="list-style-type: none"> <li>Description of Weather Conditions (e.g., sunny, cloudy, raining, snowing, etc.):</li> </ul> <hr/>				
<ul style="list-style-type: none"> <li>Was the inspection conducted during or immediately after a rain event? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, conduct a Jar Test at each storm water outfall and attach the results to this form.</li> </ul>				
<b>I. POTENTIAL POLLUTANT SOURCE, AREA INSPECTION AND BEST MANAGEMENT PRACTICES EVALUATION</b>				
<b>SWPPP AND SITE MAP:</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>	<b>Findings &amp; Remedial Action Documentation</b>
<ul style="list-style-type: none"> <li>Is the Site Map current and accurate?</li> </ul>	0	0	0	
<ul style="list-style-type: none"> <li>Is the <b>SWPPP</b> inventory of industrial activities, materials and products current?</li> </ul>	0	0	0	
<b>VEHICLE/EQUIPMENT AREAS:</b>				
<b>Equipment cleaning:</b>				
<ul style="list-style-type: none"> <li>Is equipment washed and / or cleaned using a detergent(s)?</li> </ul>	0	0	0	
<ul style="list-style-type: none"> <li>If so, is all wash water captured and properly disposed <i>off</i>?</li> </ul>	0	0	0	
<b>Equipment fueling:</b>				
<ul style="list-style-type: none"> <li>Are all fueling areas free of contaminant buildup and evidence of chronic leaks/spills?</li> </ul>	0	0	0	
<ul style="list-style-type: none"> <li>Are all chemical liquids, fluids, and petroleum products stored on an impervious surface that is surrounded with a containment berm or dike that is capable of containing 10% of the total enclosed tank volume or 110% of the volume contained in the largest tank, whichever is greater?</li> </ul>	0	0	0	
<ul style="list-style-type: none"> <li>Are structures in place to prevent precipitation from accumulating in containment areas?</li> </ul>	0	0	0	
<ul style="list-style-type: none"> <li>If not, is there any water or other fluids accumulated within the containment area?</li> </ul>	0	0	0	



SPILL RESPONSE AND EQUIPMENT:	Yes	No	N/A	Findings & Remedial Action Documentation
<p>I. Are spill kits available, in the following locations?</p> <ul style="list-style-type: none"> <li>• Fueling stations</li> <li>• Transfer and mobile fueling units</li> <li>• Vehicle and equipment maintenance areas</li> <li>• Process / product formulation areas</li> </ul> <p>2. Do the spill kits contain all the appropriate necessary items such as:</p> <ul style="list-style-type: none"> <li>• Oil absorbents?</li> <li>• A storm drain plug or cover kit?</li> <li>• A non-water containment boom?</li> <li>• A non-metallic shovel?</li> <li>• Other additional items:</li> </ul> <hr/> <hr/> <hr/> <p>3. Are contaminated absorbent materials properly disposed?</p>	<p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p>	<p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p>	<p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p>	
<p><b>GENERAL MATERIAL STORAGE AREAS:</b></p> <ul style="list-style-type: none"> <li>• Are damaged materials stored inside a building or another type of storm-resistant shelter?</li> <li>• Are all uncontained material piles stored in a manner that minimizes the discharge of impacted storm water?</li> <li>• Are scrap metal bins covered?</li> <li>• Are outdoor containers covered?</li> </ul>	<p>0</p> <p>0</p> <p>0</p> <p>0</p>	<p>0</p> <p>0</p> <p>0</p> <p>0</p>	<p>0</p> <p>0</p> <p>0</p> <p>0</p>	
<p><b>STORM WATER BMPs AND TREATMENT STRUCTURES:</b></p> <p>(Visually inspect all storm water BMPs, treatment structures/ devices, discharge areas, in filtration, and outfalls shown on the Site Map).</p> <ul style="list-style-type: none"> <li>• Are BMPs and treatment structures in good repair and operational?</li> <li>• Are BMPs and treatment structures free from debris buildup that may impair function?</li> <li>• Are berms, curbing or other methods used to divert and direct discharges adequate and in good condition?</li> </ul>	<p>0</p> <p>0</p> <p>0</p>	<p>0</p> <p>0</p> <p>0</p>	<p>0</p> <p>0</p> <p>0</p>	
<p><b>OBSERVATION OF STORM WATER DISCHARGES:</b></p> <ul style="list-style-type: none"> <li>• Is the discharge free of floating materials, visible oil sheen, discoloration, turbidity, odor, foam or any other signs of contamination?</li> <li>• Water from washing vehicles or equipment (with detergent), steam cleaning and/or pressure washing is considered process wastewater and is not allowed to comeingle with storm water or enter storm drains. Is process water comingling with storm water or entering storm drains?</li> <li>• Illicit discharges include domestic wastewater, noncontact cooling water, or process wastewater (including leachate). Were any illicit discharges observed during the inspection?</li> </ul>	<p>0</p> <p>0</p> <p>0</p>	<p>0</p> <p>0</p> <p>0</p>	<p>0</p> <p>0</p> <p>0</p>	



## **APPENDIX-D**

### **Monthly Visual Jar Test Inspection Form**

# Monthly Visual Jar Test Inspection Form

MISSISSIPPI DEPARTMENT OF  
THE ENVIRONMENT & NATURAL QUALITY

**Instructions:** As part of inspections conducted during or after storm events, a representative sample of storm water should be collected at each outfall in a clean, clear jar and examined in a well-lit area. Should any of the objectionable characteristics described in the form below be observed, coverage recipient shall investigate upstream from the sample location to identify the potential sources of pollution, implement corrective action, and describe the corrective action in the space provided below. [Baseline General Permit Act8 S-1]

Facility Name:		Physical Address:	
Date:		Coverage Number:	
Time collected:		Person collecting/examining sample (Print):	
Outfall Number/Location sample was collected:			
Was the sample collected during or immediately after a rain event? <b>Yes or No</b>			
Parameter	Parameter Description	Description of Sample	
Color	Is the water sample colored? <b>Yes or No</b>	If yes, describe the color:	
Clarity	Is the water sample clear and transparent? <b>Yes or No</b>	If no, describe the clarity:	
Floating Solids	Are there solids floating at the top of the sample? <b>Yes or No</b>	If yes, describe the floating solids :	
Settled Solids	Are there solids settled out in the bottom of the sample? <b>Yes or No</b>	If yes, describe the settled solids:	
Suspended Solids	Are there solids suspended in the water column of the sample? <b>Yes or No</b>	If yes, describe the suspended solids:	
Foam	Is there foam forming at the top of the sample? <b>Yes or No</b>	If yes, describe the foam:	
Odor	Does the sample have an odor? <b>Yes or No</b>	If yes, describe the odor:	
Oil Sheens	Does the sample have an oil sheen? <b>Yes or No</b>	If yes, describe the oil sheen:	
Detail any concerns noted in the visual jar sample and describe the corrective actions taken:			
<i>"I certify under penalty of law that this report is true, accurate, and complete, to the best of my knowledge and belief"</i>			
Inspector's Name - Printed	Inspector's Signature	Date	

## **APPENDIX-E**

### **Annual Comprehensive SWPPP Evaluation Form**

INDUSTRIAL STORMWATER GENERAL PERMIT  
COVERAGE NUMBER (MSR \_\_\_\_\_)  
ANNUAL COMPREHENSIVE SWPPP EVALUATION FORM  
(FOR INDUSTRIAL STORM WATER ACTIVITY)

MISSISSIPPI DEPARTMENT OF

<b>I. DESCRIPTION OF POTENTIAL POLLUTANT SOURCES (CONTINUED)</b>			
<b>SITE MAP</b>	<b>Yes</b>	<b>No</b>	<b>Findings &amp; Remedial Action Documentation</b>
<ul style="list-style-type: none"> <li>• Does the SWPPP have a site map showing the property layout with site boundaries?</li> </ul>	0	0	
<ul style="list-style-type: none"> <li>• If so, does the site map indicate the following features?               <ul style="list-style-type: none"> <li>0 Surface water bodies.</li> <li>0 Drainage area of each storm outfall by number.</li> <li>0 Direction of flow for each drainage area.</li> <li>0 Location and description of existing structural and non-structural control measures to reduce the pollutants in storm runoff.</li> <li>0 Location of any storm water treatment activities.</li> <li>0 Location of any storm drain inlets.</li> <li>0 Location of industrial activities, such as:                   <ul style="list-style-type: none"> <li>a) Fuel storage and dispensing locations.</li> <li>b) Vehicle/equipment repair, maintenance, and cleaning areas.</li> <li>c) Materials storage and handling areas.</li> <li>d) Loading/unloading areas.</li> <li>e) Process or manufacturing areas.</li> </ul> </li> <li>0 Location of housekeeping practices.</li> <li>0 Storm water conveyances (ditches, pipes, &amp; swales).</li> </ul> </li> </ul>	0	0	
<b>II. DESCRIPTION OF STORM WATER MANAGEMENT CONTROLS</b>			
<b>POLLUTION PREVENTION MANAGER/CO MM 11,EE</b>			
<ul style="list-style-type: none"> <li>• Does the SWPPP specify individual(s) responsible for developing the SWPPP and assisting the facility manager in its implementation, maintenance, and revision?</li> </ul>	0	0	
<ul style="list-style-type: none"> <li>• If so, have there been any changes in the personnel <del>in</del> since the previous Annual SWPPP Evaluation?</li> </ul>	0	0	
<b>RISK IDENTIFICATION AND MATERIAL INVENTORY</b>			
<ul style="list-style-type: none"> <li>• Does the SWPPP assess the pollution potential of various sources at the facility including loading and unloading operations; outdoor storage, manufacturing or processing activities; significant dust or particulate generating processes and on-site disposal practices?</li> </ul>	0	0	
<ul style="list-style-type: none"> <li>• If so, have there been any changes in operations or sources of potential pollutants since the previous Annual SWPPP Evaluation.?</li> </ul>	0	0	

II. DESCRIPTION OF STORM WATER MANAGEMENT CONTROLS (CONTINUED)			
SEDIMENT AND EROSION PREVENTION	Yes	No	Findings & Remedial Action Documentation
<ul style="list-style-type: none"> <li>Does the SWPPP identify areas with a high potential for soil erosion, and specify prevention measures to limit erosion?</li> <li>If so, have there been any changes to the facility which would increase the potential for soil erosion since the previous Annual SWPPP Evaluation?</li> </ul>	0	0	
<p><b>PREVENTIVE MAINTENANCE</b></p> <ul style="list-style-type: none"> <li>Does the SWPPP contain a preventive maintenance program to insure the inspection and maintenance of storm water management devices?</li> <li>If so, does the program specify protocol for inspecting and testing of equipment to preclude breakdowns or failures that may cause pollution?</li> </ul>	0	0	
<p><b>GOOD HOUSEKEEPING</b></p> <ul style="list-style-type: none"> <li>Does the SWPPP describe and list practices appropriate to prevent pollutants from entering storm water from industrial activities due to poor housekeeping?</li> <li>If so, do the practices describe or list the following: <ul style="list-style-type: none"> <li>Designated areas for equipment maintenance and repair.</li> <li>Provisions for waste receptacles at convenient locations.</li> <li>Provisions for regular collection of waste.</li> <li>Adequately maintained sanitary facilities.</li> <li>Secondary containment around any on-site fuel or chemical container with a capacity greater than 660 gallons or any combination of containers which have an aboveground storage capacity of more than 1,320 gallons.</li> <li>Secondary containment for raw material stockpiles.</li> </ul> </li> </ul>	0	0	
<p><b>SPILL PREVENTION AND RESPONSE PROCEDURES</b></p> <ul style="list-style-type: none"> <li>Does the SWPPP identify potential spill areas and their drainage points?</li> <li>Does the SWPPP specify material handling procedures and storage requirements?</li> <li>Does the SWPPP have procedures for cleaning up spills?</li> <li>Have there been any changes at the facility in potential spill areas and/or their drainage points since the previous Annual SWPPP Evaluation?</li> </ul>	0	0	
<p><b>EMPLOYEE TRAINING</b></p> <ul style="list-style-type: none"> <li>Does the SWPPP specify periodic training for personnel that are responsible for implementing and/or complying with the requirements of the SWPPP? (see ACT12)</li> </ul>	0	0	

II. DESCRIPTION OF STORM WATER MANAGEMENT CONTROLS (CONTINUED)			
ILLCIT CONNECTIONS EVALUATION AND CERTIFICATION	Yes	No	Findings & Remedial Action Documentation
<ul style="list-style-type: none"> <li>• Does the SWPPP contain an illicit connection certification?</li> <li>• If so, was the certification evaluation and certification completed within the last 5 years?</li> <li>• Does the certification include the following?:               <ul style="list-style-type: none"> <li>o Method of evaluation, date(s), observation point(s), and result(s).</li> </ul> </li> </ul>	0	0	
<ul style="list-style-type: none"> <li>o 0</li> </ul>	0	0	
<ul style="list-style-type: none"> <li>o 0</li> </ul>	0	0	
<b>ROUTINE VISUAL SITE INSPECTIONS</b>			
<ul style="list-style-type: none"> <li>• Does the SWPPP describe the policy and procedures for routine visual inspections, including frequencies and areas to be inspected?</li> </ul>	0	0	
<ul style="list-style-type: none"> <li>• Does the SWPPP inspection policy describe procedures for collecting storm water if the inspection is conducted during or after a storm event?</li> </ul>	0	0	
<ul style="list-style-type: none"> <li>• If so, does the SWPPP inspection policy outline procedures consistent with the requirements of ACTS S-1 to investigate, correct, and document instances in which visible pollutants are observed?</li> </ul>	0	0	
<b>STORM WATER MANAGEMENT</b>			
<ul style="list-style-type: none"> <li>• Does the SWPPP provide for the management of storm water volume through its diversion, infiltration, storage or re-use?</li> </ul>	0	0	
<b>ID. NON-STORM WATER DISCHARGE MANAGEMENT</b>			
<b>NON-STORM WATER MANAGEMENT</b>			
<ul style="list-style-type: none"> <li>• Does the SWPPP identify any allowable non-storm water discharges identified in ACT 2 I-3?</li> </ul>	0	0	
<ul style="list-style-type: none"> <li>• Does the SWPPP identify and ensure the implementation of appropriate Best Management Practices (BMPs) for the non-storm water component of any discharge?</li> </ul>	0	0	
<ul style="list-style-type: none"> <li>• Have there been any changes or additions to the allowable non-storm water discharges since the previous Annual SWPPP Evaluation?</li> </ul>	0	0	
<b>IV. FACILITY CHANGES</b>			
<b>SWPPP AMENDMENT</b>			
<ul style="list-style-type: none"> <li>• Has there been a change in design, construction, operation, or maintenance, which may increase the discharge of pollutants to waters of the State or has the SWPPP been ineffective in controlling storm water pollutants? <b>If so, amend the SWPPP and submit it to the MDEQ within 30 days of amendment. (ACT 7 S-1 (4))</b></li> </ul>	0	0	



## **APPENDIX-F**

### **Employee Training Log**

