Rec'd 11/19/2026 via portal, TAK

AI# 166

MSR001498

**Thomas Kelly**

**From:** MDEQ <mdeqweb@mdeq.ms.gov>
**Sent:** Thursday, November 19, 2026 3:57 PM
**To:** jeremy.dolan@kuraray.com; jennifer.deignan@trinityconsultants.com
**Subject:** Baseline (Industrial) Stormwater - Modification for Calgon Carbon Corporation SWPPP Modification receipt

**This Message Is From an External Sender**
This message came from outside your organization.

Thank you for your Baseline (Industrial) Stormwater Modification for Calgon Carbon Corporation SWPPP Modification. This is an automated email for your records to acknowledge receipt of your submittal.

NOTE: The applicant MUST mail a hard copy of the submittal and all supporting documents with an original signature to:

Mississippi Department of Environmental Quality
Environmental Permits Division
PO Box 2261
Jackson, MS 39225-2261

To check the status of your application, please check Recently Received NOIs or Recently Issued Coverages.

PLEASE NOTE: Due to staff shortage, the anticipated processing times for Stormwater General Permit Coverages are extended. It is recommended that applicants submit their NOI's and supporting documents at least 60 days ahead of projected start date and ensure that the application forms (NOIs, Modification Forms, etc.) and Storm Water Pollution Prevention Plans are complete and have the appropriate signature. Incomplete applications will further delay processing.

--Please do not reply to this email. For assistance, use the contact form on the webpage (https://mdeq.ms.gov/permits/environmental-permits-division/about-epd/branches/) or reach MDEQ by phone at (601)961-5171.--

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This e-mail was sent from a contact form on MDEQ (http://mdeq.ms.gov)

## Thomas Kelly

**From:** MDEQ <mdeqweb@mdeq.ms.gov>
**Sent:** Thursday, November 19, 2026 3:56 PM
**To:** NOIs; MDEQ Web; jeremy.dolan@kuraray.com
**Subject:** Baseline (Industrial) Stormwater - Calgon Carbon Corporation SWPPP Modification
**Attachments:** CCC-SWPPP-Mod-PKG_2026.11_.19_.26_.pdf

From: Calgon Carbon Corporation <jeremy.dolan@kuraray.com> Applicant Number: 228-344-0679

Preparer Name: Jennifer Deignan
Preparer Number: jennifer.deignan@trinityconsultants.com
Preparer Email: 662-788-2076

Facility Name: Calgon Carbon Corporation SWPPP Modification Permit Number: MSR001489
AI#: 166
Application Type: Baseline (Industrial) Stormwater Permit Action: Modification

Comments:

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Rec'd 11/19/2026 via portal, TAK

AI# 166

MSR001498

Trinity Consultants

141 Township Avenue, Suite 304 Ridgeland, MS 39157 / P 601.566.1532 / **trinityconsultants.com**

October 20, 2026

Becky Simonson
Environmental Permits Division
Mississippi Department of Environmental Quality
P.O. Box 2261
Jackson, MS 39225

Re: ***Industrial Storm Water Major Modification and Updated Storm Water Pollution Prevention Plan (SWPPP)***
Calgon Carbon Corporation
13121 Webre Road
Bay St. Louis, Mississippi (Hancock County)
AI: 166

Dear Mrs. Simonson:

Calgon Carbon Corporation (Calgon) retained the services of Trinity Consultants, Inc. (Trinity) to prepare the Industrial Storm Water Major Modification forms and update the Storm Water Pollution Prevention Plan (SWPPP) for the above-referenced facility to show added exposed material as well as identify new outfalls. This SWPPP update is provided as followup to Calgon's letter to the Mississippi Department of Environmental Quality (MDEQ) regarding potential non-compliance notification dated July 15, 2026. Enclosed you will find the Major Modification form and SWPPP that reflects facility operations and includes storm water best management practices. This SWPPP has been developed to comply with the Mississippi Department of Environmental Quality Industrial Storm Water General Permit requirements.

If you have any questions concerning the submission, please feel free to contact Jeremy Dolan of Calgon at (228) 533-7507 or me at (601) 566-1532.

Sincerely,

Jennifer Deignan
Consultant

Attachment I: Industrial Storm Water Major Modification Form

Attachment II: Storm Water Pollution Prevention Plan (SWPPP)

Cc: Brian Ketchum (Trinity)
Chasity Irwin (Trinity)
Jeremy Dolan (Calgon)

# ATTACHMENT I

# INDUSTRIAL STORM WATER MAJOR MODIFICATION FORM

# MAJOR MODIFICATION FORM
# FOR INDUSTRIAL STORMWATER GENERAL PERMIT

**Coverage No. MSR00** 1489 **County** Hancock

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

## 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: Jeremy Dolan TEL # ( 228 ) 533 - 7512

COMPANY NAME: Calgon Carbon Corporation

STREET OR P.O. BOX: 1321 Webre Road

CITY: Bay Saint Louis STATE: MS ZIP: 39520 E-MAIL: Jeremy.dolan@kuraray.com

## PROJECT INFORMATION

PROJECT NAME: Calgon Carbon Corporation SWPPP Modification

CITY: Bay Saint Louis

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.

Signature (must be signed by coverage recipient)

11/17/26
Date

Jeremy Dolan
Printed Name

Plant Manager
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

# ATTACHMENT II

# STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

# INDUSTRIAL STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

## Calgon Carbon Corporation
## Pearl River Plant




**13121 Webre Road**
**Bay St. Louis, MS 39520**

**Prepared By:**

**TRINITY CONSULTANTS**
141 Township Avenue
Suite 304
Ridgeland, MS 39157

October 2026

Project 262502.0140

Trinity Consultants

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**FIGURES:**

Figure 1: Site Location Map
Figure 2: Aerial Map
Figure 3: Storm Water Flow Diagram

**APPENDICES:**

Appendix A: Monthly Inspection/Visual Evaluation Report
Appendix B: Monthly Visual Jar Test Inspection Form
Appendix C: Monthly Spill & Leak Log Sheet
Appendix D: Employee Training Log
Appendix E: Annual SWPPP Evaluation Form
Appendix F: Non-Storm Water Discharge Evaluation
Appendix G: Monitoring Results
Appendix H: Industrial Storm Water General Permit For Industrial Activities

# RECORD OF REVISIONS

| Revision Date | Reason for Revision | Revised Pages, Tables, Figures, or Appendices | Persons Responsible For Revisions |
|---|---|---|---|
| 08/01/2023 | Revised SWPPP | Entire document. | Ed Lee, P.E. (Trinity) |
| 10/20/2026 | Modified outfalls and exposed material. Added SW002 through SW006 on Figure 3. Revised SWPPP narrative to comply with Mississippi Industrial Storm Water General Permit For Industrial Activities. | Entire document. | Chasity Irwin (Trinity)<br>Jennifer Deignan (Trinity)<br>Brian Ketchum, P.E. (Trinity) |
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# 1.0 INDUSTRIAL STORM WATER POLLUTION PREVENTION PLAN (SWPPP) CERTIFICATION

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.

Signature

11/17/26
Date

**Jeremy Dolan**
Name (Printed)

**Plant Manager**
Title

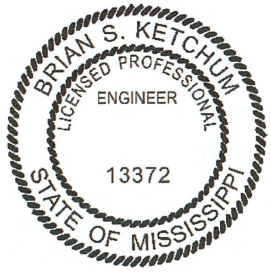
**Calgon Carbon Corporation**
Company

The Industrial Storm Water Pollution Prevention Plan (SWPPP) was prepared in accordance with sound engineering practices and identifies potential sources of pollution, which may reasonably be expected to affect the quality of storm water discharges associated with industrial activity from the facility. The SWPPP describes and ensures the implementation of best management practices, which will reduce pollutants in storm water discharges and assure compliance with the terms and conditions of the Industrial Storm Water General Permit. The information presented herein constitutes a true and accurate representation of the information, findings, and observations made during the site investigation and preparation of the plan.

10/20/2026
Date

Brian Ketchum, P.E.
Principal Consultant
Trinity Consultants, Inc.

State of Mississippi
Registration No. 13372



# 2.0 SWPPP OVERVIEW

## 2.1 Introduction

Federal Regulations codified in 40 CFR 122, 123, and 124 require facilities with storm water discharges associated with certain industrial activities to apply for permit coverage in accordance with the National Pollutant Discharge Elimination System (NPDES). Storm water discharges associated with industrial activities include, but are not limited to, storm water discharges from industrial plant yards; material handling sites; storage and maintenance of material handling equipment; shipping and receiving areas; manufacturing buildings; storage areas (including tank farms) for raw materials and intermediate and final products; and areas where industrial activity has taken place in the past and significant materials remain and are exposed to storm water. Material handling activities include storage, loading and unloading, transportation, or conveyance of any raw material, intermediate product, final product, by-product or waste product. Industrial activities do not include areas located on plant lands separate from the plant's industrial activities, such as office buildings and accompanying parking lots as long as the drainage from the excluded areas is not mixed with storm water drained from the above described areas.

Calgon Carbon Corporation (Calgon), located at 13121 Webre Road, Bay St. Louis, Mississippi, is classified under Standard Classification Code (SIC) 2819, Industrial Inorganic Chemicals, Not Elsewhere Classified. Based on this SIC Code(s), the facility is considered to be engaging in "industrial activity" under 40 CFR 122.26(b)(14) and has the potential to discharge storm water associated with industrial activities; therefore, the facility is subject to the requirements to obtain an NPDES permit and prepare an Industrial Storm Water Pollution Prevention Plan (SWPPP).

Calgon has prepared a SWPPP for operations at the Bay St. Louis, Mississippi facility. This SWPPP was developed and will be implemented in accordance with the requirements of the Mississippi Department of Environmental Quality (MDEQ) Industrial Storm Water General Permit For Industrial Activities (Industrial Storm Water General Permit) under the NPDES Wastewater Program. The SWPPP follows the guidelines presented in the MDEQ *SWPPP Guidance Manual for Industrial Facilities*.

The SWPPP identifies potential sources of pollution that may affect the quality of storm water discharges associated with industrial activity, evaluates the risk of storm water discharges from these sources, and presents the management practices that will be used at the facility for minimization of pollutants in storm water discharges. All reports and certifications required by the Industrial Storm Water General Permit will be signed by a responsible corporate officer or duly authorized representative who has responsibility for the overall facility operations or overall responsibility for environmental matters. The SWPPP will be retained onsite at all times and made available upon request to an authorized representative of the MDEQ and/or United States Environmental Protection Agency (EPA). The SWPPP will be amended whenever there is a change in construction, operation, maintenance, or footprint of the facility that may affect the discharge of storm water.

## 2.2 General Information

| | | | | |
|---|---|---|---|---|
| **Site Name:** | Calgon Carbon Corporation | | | |
| **Mailing and Physical Address:** | 13121 Webre Road, Bay St. Louis, Mississippi 39520 | | | |
| **Location (GPS):** | Latitude: | 32° 53′ 24.32″ N | Longitude: | 89° 58′ 03.71″ W |

| | | | | | |
|---|---|---|---|---|---|
| **SWPPP Contact:** | | Caitlin Ramsey, EHS Engineer | | | |
| **Office:** | (228) 344-0679 | **Cell:** | N/A | **Email:** | Caitlin.ramsey@kuraray.com |
| **SWPPP Contact:** | | Jeremy Dolan, Plant Manager | | | |
| **Office:** | (228) 533-7507 | **Cell:** | N/A | **Email:** | Jeremy.dolan@kuraray.com |
| **Storm Water Outfalls:** | | | | | |
| **SW001** | | **Latitude:** | 30° 13' 12.34" N | **Longitude:** | 89° 33' 58.4" W |
| **SW002** | | **Latitude:** | 30° 13' 37.74" N | **Longitude:** | 89° 34' 7.61" W |
| **SW003** | | **Latitude:** | 30° 13' 35.55" N | **Longitude:** | 89° 34' 9.66" W |
| **SW004** | | **Latitude:** | 30° 13' 34.25" N | **Longitude:** | 89° 34' 11.7" W |
| **SW005** | | **Latitude:** | 30° 13' 32.81" N | **Longitude:** | 89° 34' 12.8" W |
| **SW006** | | **Latitude:** | 30° 13' 31.73" N | **Longitude:** | 89° 34' 14.2" W |
| **Closest Water Body and Route of Entry:** | | Unnamed tributary and Mulatto Bayou to Pearl River. | | | |
| **Is the receiving stream identified on the Section 303(d) List of Impaired Water Bodies?** | | No | **Has a TMDL been completed for the receiving stream?** | A TMDL for the Pearl River was established for impairment due to Pathogens (2000) and pH (2000). | |
| **Discharge to Municipal Separate Storm Sewer System (MS4)?** | | Yes | **If yes, name MS4:** | Hancock County | |

## 2.3 SWPPP Objectives

The objective of the storm water program is to control water pollution associated with storm water discharges, and the goal of the storm water program is to improve water quality by reducing the amount of pollutants contained in storm water runoff from industrial sites. Industrial facilities subject to the requirements of a NPDES storm water discharge permit must prepare and implement a SWPPP. The objectives of the SWPPP are to:

- Identify potential sources of pollution and associated risk, which may affect the quality of storm water discharges;
- Describe best management practices (BMPs) and control measures intended to minimize pollutants in the facility's runoff; and
- Provide practical guidance for implementing the SWPPP and complying with the terms and conditions of the Industrial Storm Water General Permit.

## 2.4 SWPPP Elements

In order to meet the requirements of the Industrial Storm Water General Permit, the subsequent sections of the SWPPP contain the following elements:

- **Section 3.0: Facility Information –** Describes site characteristics, facility operations, site security, and site drainage.

- **Section 4.0: Storm Water Pollution Prevention Team –** Facility personnel identified as being responsible for implementing, maintaining, and revising the plan.
- **Section 5.0: Significant Exposed Materials and Control Measures –** Identifies and describes existing industrial activities and significant materials exposed to storm water, as well as specifies potential pollutants which may be present in storm water runoff. Best management practices, including both structural and non-structural controls, are also identified.
- **Section 6.0: BMP Schedules and Procedures –** Identifies schedules and procedures for implementing best management practices, including good housekeeping practices, preventive maintenance, spill prevention, and routine inspections for preventing and addressing potential materials and equipment exposed to storm water.
- **Section 7.0: Annual Facility Inspection and SWPPP Evaluation –** Procedures are outlined for conducting the Annual Facility Inspection and SWPPP Evaluation.
- **Section 8.0: SARA Title III, Section 313 Facility Requirements –** Identifies additional requirements associated with Section 313 water priority chemicals.
- **Figures:** Includes Site Location Map, Aerial Map, and Storm Water Flow Diagram with site boundaries, buildings, process and storage areas, storm water outfall locations, and flow directions.
- **Appendices:** Includes the Monthly Inspection/Visual Evaluation Report, Monthly Visual Jar Test Inspection Form, Monthly Spill & Leak Log Sheet, Employee Training Log, Annual SWPPP Evaluation Form, Non-Storm Water Discharge Evaluation, and the Industrial Storm Water General Permit For Industrial Activities.

# 3.0 FACILITY INFORMATION

## 3.1 Site Characteristics

Calgon is located at 13121 Webre Road in Bay St. Louis, Mississippi. The entire site encompasses approximately one hundred (100) acres. Approximately fifty (50) percent of the property is covered by impervious material (compacted gravel, concrete, asphalt, and roofing), and the remaining 50 percent is covered with grass or natural vegetation. The facility operations fall primarily within Standard Classification Code (SIC) 2819, Industrial Inorganic Chemicals, Not Elsewhere Classified. The Site Location Map, Figure 1, is a topographic map showing the area in which the site is located. An aerial site map is provided as Figure 2 – Aerial Map. The property boundary and storm water outfalls of the site are detailed in Figure 3 – Storm Water Flow Diagram. Figure 3 details the main production site showing the boundaries, buildings, storage areas, other exposed materials, storm water outfall locations, and storm water flow directions.

## 3.2 Process Description

Calgon manufactures granular activated carbon (GAC) using selected bituminous coals as primary raw material. Manufacturing process consists of coal handling, storage, agglomeration, carbonization, activation, and screening. Raw material (coal) is received via truck and unloaded into designated coal handing and storage areas. Coal is stockpiled in either covered structures or a bermed handling area prior to being transferred throughout the facility using stackers, conveyers, and hoppers. Coal then goes through blending, grinding, agglomeration, baking, activation, crushing, screening, and packaging to produce the final product. Process water discharges from F and G-Lines are routed through permitted outfall PW001 and are managed under NPDES Permit No. MS0046515.

## 3.3 Site Security

One (1) entrance gate is located at the west entrance with a security fence surrounding the entire property. The facility has one designated entrance for coal trucks to unload and one designated entrance for employees and visitors. Anyone entering from Webre Road on the south entrance property is required to check in. The facility is manned twenty-four (24) hours a day and seven (7) days a week. When not operating, the gates and building are locked. To assist further in security measures, the facility is adequately lit with security lighting.

## 3.4 Site Drainage and Storm Water Outfalls

The site is designed and graded to route storm water to drainage ditches and then to the manufacturing area perimeter. Storm water runoff exits the site at six (6) outfall locations. The buildings, exposed areas, storm water flow directions, and storm water outfall locations are shown on Figure 3, and the outfalls are further detailed below:

| Outfall | Drainage Area | Drainage Type & Direction | Receiving Body |
|---|---|---|---|
| SW001 | *Metal Laydown, Soda Ash, Employee Parking, Diesel Storage and Loading/Unloading, Oil Storage and Loading/Unloading, Used Oil Storage and Loading/Unloading, Chemical/Material Storage, Emergency Generator, Portable* | Areas flow north and east to a ditch, which flows east and south, exiting SW001. | Mulatto Bayou |

| Outfall | Drainage Area | Drainage Type & Direction | Receiving Body |
|---|---|---|---|
| | *Bathrooms, GAC Final Product, Pallet Storage, Mobile Equipment, Solid Waste Dumpsters, Scrap Metal Dumpsters, Loading Dock, Transformers.* Storm water falls on the central, southern, and northeastern portion of the property. | | |
| SW002 | *Coal Storage, Coal Transfer (Loading and Unloading), Soda Ash, Employee Parking, Diesel Storage and Loading/Unloading, Chemical/Material Storage, Emergency Generator, GAC Final Product Storage, Mobile Equipment, Solid Waste Dumpsters.* Storm water falls on the central and northern portion of the property. | Areas flow north, exit the property to a drainage ditch that flows northeast. | Unnamed tributary to Pearl River |
| SW003 | *Coal Storage, Coal Transfer (Loading and Unloading), Soda Ash, Employee Parking, Diesel Storage and Loading/Unloading, Chemical/Material Storage, Emergency Generator, GAC Final Product Storage, Mobile Equipment, Solid Waste Dumpsters.* Storm water falls on the north and central portion of the property. | Areas flow north, exit the property to a drainage dich that flows northeast. | Unnamed tributary to Pearl River |
| SW004 | *Coal Storage, Coal Transfer (Loading and Unloading), Soda Ash, Employee Parking, Diesel Storage and Loading/Unloading, Chemical/Material Storage, Emergency Generator, GAC Final Product Storage, Mobile Equipment, Solid Waste Dumpsters.* Storm water falls on the north and central portion of the property. | Areas flow north, exit the property to a drainage ditch that flows to the northeast. | Unnamed tributary to Pearl River |
| SW005 | *Coal Storage, Coal Transfer (Loading and Unloading), Soda Ash, Employee Parking, Diesel Storage and Loading/Unloading, Chemical/Material Storage, Emergency Generator, GAC Final Product Storage, Mobile Equipment, Solid Waste Dumpsters.* Storm water falls on the western and central portion of the property. | Areas flow to the northwest and exit the property to a drainage ditch that flows northeast. | Unnamed tributary to Pearl River |

| Outfall | Drainage Area | Drainage Type & Direction | Receiving Body |
|---|---|---|---|
| SW006 | *Coal Storage, Coal Transfer (Loading and Unloading), Soda Ash, Employee Parking, Diesel Storage and Loading/Unloading, Chemical/Material Storage, Emergency Generator, GAC Final Product Storage, Mobile Equipment, Solid Waste Dumpsters.* Storm water falls on the western and central portion of the property. | Areas flow to the northwest and exit the property to a drainage ditch that flows northeast. | Unnamed tributary to Pearl River |

## 3.5 Allowable Non-Storm Water Discharges

The Industrial Storm Water General Permit contains provisions for allowable non-storm water discharges. Allowable non-storm water discharges include fire-fighting activities, hydrant flushing, potable water sources, washing buildings without detergents, pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred, incidental windblown mists from cooling towers, and air conditioning or compressor condensate (i.e., uncontaminated condensate). These types of discharges may occur from time to time but will be monitored during routine inspections.

| ALLOWABLE NON-STORM WATER DISCHARGES | | |
|---|---|---|
| Non-storm water discharges allowed by the Industrial Storm Water General Permit | Expected | |
| | Yes | No |
| Discharges from actual fire-fighting activities | ☒ | ☐ |
| Fire hydrant flushings | ☒ | ☐ |
| Water used to control dust | ☒ | ☐ |
| Potable water sources including uncontaminated water line flushing | ☐ | ☒ |
| Routine external building wash down that does not use detergents | ☐ | ☒ |
| 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 | ☒ | ☐ |
| Uncontaminated air conditioning or compressor condensate | ☒ | ☐ |
| Incidental windblown mist from cooling towers that collects on rooftops or adjacent portions of the facility, but NOT intentional discharges from the cooling tower (e.g., "piped" cooling tower blowdown or drains) | ☒ | ☐ |
| Uncontaminated ground water or spring water | ☐ | ☒ |
| Foundation or footing drains where flows are not contaminated with process materials such as solvents | ☐ | ☒ |
| Uncontaminated excavation dewatering | ☐ | ☒ |
| Landscape irrigation | ☐ | ☒ |
| Water used to wash vehicles where detergents are not used | ☒ | ☐ |

# 4.0 STORM WATER POLLUTION PREVENTION TEAM

The Storm Water Pollution Prevention (SWPP) Team is responsible for development, oversight, implementation, maintenance, and revisions to the SWPPP. The members of the team include the SWPP Team Leader and other representatives designated by the SWPP Team leader. Designated SWPP Team Members will be familiar with management and operations of the facility. The SWPP team members, title, and responsibilities are identified below:

| Name | Title | Responsibilities |
|---|---|---|
| **SWPP Team Leader** | | |
| Caitlin Ramsey | EHS Engineer | ➢ Coordinates SWPPP development and implementation.<br>➢ Conducts inspections/sampling and maintains records.<br>➢ Oversees "good housekeeping" efforts.<br>➢ Monitors waste management and chemical storage.<br>➢ Participates in the annual review to assess SWPPP effectiveness.<br>➢ Ensures SWPPP revisions are completed as necessary.<br>➢ Ensures annual SWPPP training is conducted. |
| **SWPP Team Members** | | |
| Jeremy Dolan | Plant Manager | ➢ Signatory Responsibilities for the SWPPP.<br>➢ Conducts inspections/sampling and maintains records.<br>➢ Overall responsibility for the Storm Water Program.<br>➢ Participates in the annual review to assess SWPPP effectiveness.<br>➢ Helps enforce "good housekeeping" efforts. |

# 5.0 SIGNIFICANT EXPOSED MATERIALS AND CONTROL MEASURES

## 5.1 Materials Exposed and Best Management Practices

The following table details significant materials that are potentially exposed to storm water, the resulting potential pollutants, the Best Management Practices (BMPs) implemented, and the storm water discharge location. The BMPs below address those practices used to minimize contact of the exposed materials and pollutants with storm water.

| ID No. | Exposed Material | Potential Pollutant(s) | BMPs Implemented[(1)] | Outfalls |
|---|---|---|---|---|
| 1 | Coal Storage | Total Suspended Solids (TSS) | Conduct routine inspections and sweeping. | SW001<br>SW002<br>SW003<br>SW004<br>SW005<br>SW006 |
| 2 | Coal Transfer (Loading/Unloading) | TSS | Conduct routine inspections and sweeping. | SW002<br>SW003<br>SW004<br>SW005<br>SW006 |
| 3 | Metal Laydown | Metal, Oil & Grease | Conduct routine inspections. Drain oil reservoirs prior to storage. | SW005<br>SW006 |
| 4 | Soda Ash | TSS | Conduct routine inspections and regular sweeping. Store in areas away from outfalls. | SW002<br>SW003<br>SW004 |
| 5 | Employee Parking | Oil & Grease, TSS, and Anti-Freeze | Conduct routine inspections. | SW001 |
| 6 | Diesel Storage and Loading/Unloading | Diesel Fuel | Uncontained materials or spills will be immediately cleaned to prevent exposure to storm water. | SW001<br>SW002<br>SW003<br>SW004 |

| ID No. | Exposed Material | Potential Pollutant(s) | BMPs Implemented[(1)] | Outfalls |
|---|---|---|---|---|
| 7 | Oil Storage and Loading/Unloading | Oil and Oil Absorbents | Uncontained materials or spills will be immediately cleaned to prevent exposure to storm water. | SW001 |
| 8 | Used Oil Storage and Loading/Unloading | Oil & Grease, Oil Absorbents | Spills will be immediately cleaned to prevent possible exposure to storm water. | SW001 |
| 9 | Chemical/Material Storage | Chemicals | Stored in enclosed and/or covered areas. | SW001<br>SW002<br>SW003<br>SW004<br>SW005<br>SW006 |
| 10 | Emergency Generator | Fuel and Oil & Grease | All diesel belly tanks are double walled. Materials or spills will be immediately cleaned to prevent exposure to storm water. | SW001<br>SW002<br>SW003<br>SW004 |
| 11 | Portable Bathrooms | E. coli and Chemicals | Uncontained materials or spills will be immediately cleaned to prevent exposure to storm water. | SW001 |
| 12 | GAC (Final Product) Storage | TSS | Final product is stored in supersacks that are closed while outside. The product is regularly removed from the site. | SW001<br>SW002<br>SW003 |
| 13 | Equipment Maintenance Area | Fuel, Oil & Grease, TSS | Maintenance is conducted under covered areas. | SW001<br>SW006<br>SW005 |
| 14 | Pallet Storage | TSS | Conduct routine inspections. Dispose of contaminated or deteriorating pallets. | SW001 |
| 15 | Mobile Equipment Used On-Site | Oil & Grease, Antifreeze, TSS | Equipment is maintained in good condition and routinely inspected. Incidental leaks or spills will be cleaned immediately with absorbents. | SW001<br>SW002<br>SW003<br>SW004<br>SW005 |

| ID No. | Exposed Material | Potential Pollutant(s) | BMPs Implemented[1] | Outfalls |
|---|---|---|---|---|
| | | | | SW006 |
| 16 | Solid Waste Dumpsters | TSS, BOD, and Oil & Grease | Dumpsters are inspected routinely and removed regularly. | SW004<br>SW003<br>SW002 |
| 17 | Scrap Metal Dumpsters | Metals and Oil & Grease, TSS | Conduct routine inspections and collect scrap metal in bins to be taken to a recycler. | SW001 |
| 18 | Loading Dock | Chemicals, TSS, Oil & Grease | Conduct routine inspections of the area for miscellaneous spills. | SW001 |
| 19 | Transformers | Insulating Oils | Routinely inspected for leaks or damage. | SW001 |

[1] All areas of exposed materials are inspected routinely per the requirements of the permit.

## 5.2 Structural and Nonstructural Controls

Existing structural and nonstructural storm water controls utilized to minimize effects on storm water runoff are listed below:

- Bulk containers storing final product are constructed of compatible materials;
- Filter socks are installed within drainage ditches or stormwater conveyance channels prior to expected heavy rainfall events;
- Drainage ditches and culverts are maintained to provide adequate storm water flow to prevent erosion or ponding on site;
- Routine sweeping of paved areas;
- Vegetated areas of the site will be maintained to prevent erosion;
- The site is excavated, graded, and contoured in a way to minimize erosion from storm water and direct storm water to the designated outfalls;
- Impervious areas have been minimized to help reduce runoff and improve water quality of storm water leaving the site;
- Routine monthly site inspections per the requirements of the Industrial Storm Water General Permit, as well as the annual evaluations, are conducted to evaluate exposed materials and the effectiveness of the management practices;
- Drums and containers of fluids are properly labeled and kept closed and within containment when not in use;
- Site vehicles and equipment are routinely inspected for any fluid leaks as part of the facility's preventive maintenance program;

- Equipment is not washed down using chemicals or detergents outdoors;
- Leaks and spills will be cleaned up as soon as possible using dry methods such as absorbent materials (i.e., oil-dri, absorbent pads, etc.);
- Employee training is provided at a minimum every calendar year to inform facility personnel about potential sources of contamination at the facility and best management practices for reducing or eliminating storm water pollution;
- Materials spilled during transfer and in containment areas will be inspected and cleaned up as soon as practical; and
- Routine facility housekeeping is performed to cleanup site areas and to remove debris and other miscellaneous trash from the facility. See Section 6.1 for additional housekeeping practices.

## 5.3 List of Significant Spills or Leaks

Significant spills or leaks are defined by federal regulations as a release within a 24-hour period of a hazardous substance or oil in an amount equal to, or in excess of, a reportable quantity listed in 40 CFR Part 117 and 40 CFR Part 302. Regardless of whether spills or leaks are considered significant, a log of all spills and leaks is maintained in the **Monthly Spill & Leak Log** found in **Appendix C.**

| SITE SPILL HISTORY | YES | NO |
|---|---|---|
| Have any materials been spilled, leaked, or otherwise accidentally released in significant quantities to storm water drains or ditches in the past five (5) years? If "yes", provide a description of such spills below. | ☐ | ☒ |

During an internal inspection, Calgon discovered stormwater discharge on the west side of the property containing raw coal particulates on July 13, 2026. Further investigation led to discovery of stormwater outfalls that were not previously identified in the SWPPP. The SWPPP was updated as part of corrective action. It is not believed that a significant reportable quantity of material left the site that would require further notification. Proper MDEQ notification was made.

## 5.4 Summary of Existing Storm Water Sampling Data

Calgon stores coal onsite and is therefore subject to requirements in ACT 11 of the general permit. Monitoring requirements and discharge limitations are displayed in the table below.

| Parameter | Discharge Limitations | | | |
|---|---|---|---|---|
| | Minimum | Maximum | Frequency | Sample Type |
| Solids (Total Suspended Effluent) | -- | 50 mg/L Annual Maximum | Annually | Grab Sampling |
| pH Effluent | Report Annual Minimum (S.U.) | Report Annual Maximum (S.U.) | Annually | Grab Sampling |

| Parameter | Discharge Limitations | | | |
|---|---|---|---|---|
| | Minimum | Maximum | Frequency | Sample Type |
| Copper, Total Effluent | -- | Report Annual Maximum (mg/L) | Annually | Grab Sampling |
| Zinc, Total Effluent | -- | Report Annual Maximum (mg/L) | Annually | Grab Sampling |

Representative samples from each stormwater outfall will be collected annually (by December 31st), analyzed and results will be reported electronically on Discharge Monitoring Reports (DMRs) using NetDMR system by January 28th of the following year. The following records will be kept of sampled storm events, and all supporting documentation will be filed in **Appendix G – Monitoring Results:**

- Date and duration (in hours) of the storm(s) sampled;
- Rainfall measurements or estimates (in inches) of the storm which generated the sampled runoff;
- The duration between the storm sampled and the end of the previous measurable (greater than 0.1 inch rainfall) storm; and
- An estimate of total discharge (in gallons) for the storm sampled.

# 6.0 BMP SCHEDULES AND PROCEDURES

Storm water management measures and controls, or best management practices (BMPs), are implemented to minimize the potential release of pollutants into storm water. BMPs have been established based on risk identification, assessment, and material inventory of potential pollutant sources at the site. The facility's BMPs are discussed in detail in Section 5.0. In this section, schedules and procedures for implementing the measures and controls are discussed further.

## 6.1 Good Housekeeping

Good housekeeping practices are intended to maintain areas in a clean and orderly manner. General housekeeping and cleaning activities are performed daily when the facility is operating. These practices generally involve limiting the exposure of potential pollution sources to storm water by removing or covering the source and by conducting daily cleanup. The following are part of the good housekeeping program:

- **Chemicals, Raw Materials, and Products**

  All chemicals, raw materials, and products are stored in a neat and orderly manner. Floors are swept and wastes are collected and disposed of properly and containment areas are cleaned and any accumulated precipitation removed promptly. Areas where condensation is discharged from air conditioners or air compressors are routinely inspected for evidence of contamination.

- **Cleaning, Washing, and Degreasing**

  No cleaning, washing, or degreasing by the use of chemicals or detergents of any type shall be performed in outside areas where the drainage could conceivably reach a storm water system.

- **Facility Unloading Areas**

  Facility truck unloading areas will be routinely inspected and cleaned of any associated debris or incidental releases. Waste will be disposed of regularly and transported to an approved landfill.

- **Outdoor Material Storage**

  Outdoor storage areas are routinely inspected to ensure that stored materials are in their designated areas and are free of accumulated sediment, debris, and any spills/leaks of fluid. Paved areas are also inspected to ensure surfaces are free of accumulated dust, sediment, and debris.

- **Waste Receptacles**

  Waste receptacles for general trash are maintained closed when not in use or are positioned in covered areas where accidental spills or precipitation cannot result in potential storm water contamination. Receptacles are routinely emptied to prevent overfilling, with waste disposed at a permitted municipal solid waste facility.

- **Drainage System Maintenance**

  Drainage ditches, storm water controls, and outfalls will be routinely inspected for visible sheen or other signs of contamination.

- **Erosion Control**

  The site will be routinely inspected for signs of erosion, and eroding areas will be stabilized by necessary means.

- **Regular Sweeping of Paved Areas**

  The site routinely sweeps paved areas outside to minimize the amount of material reaching stormwater conveyance ditches.

## 6.2 Preventive Maintenance

Preventive maintenance inspections are performed in conjunction with the Monthly Inspection/Visual Evaluation Report. The facility's preventive maintenance includes inspection, testing, and maintenance of equipment that could fail or leak. Examples include inspections of oil-containing equipment (such as forklifts) for leaks. In addition, facility grounds are routinely inspected for solid waste disposal, erosion, and other signs of potential storm water contamination.

## 6.3 Spill Prevention and Response

Potential pollution sources are inspected on a regular basis. Containers are plainly labeled to aid in proper handling and response and secondary containment is used when feasible. Containers of oil-based products and oil-filled equipment exceeding 55 gallons or more are addressed in the facility's **Spill Prevention, Control, and Countermeasure (SPCC) Plan**, if required. Based on current facility processes and the types and quantities of chemicals stored, there is not the potential for a significant spill or release; however, if a release occurs, corrective actions will be taken immediately to contain and cleanup the release. Safety Data Sheets (SDS) will be used as the guide for appropriate personal protective equipment (PPE) and spill response. Spill response equipment is maintained onsite and includes items such as absorbents, brooms, and/or shovels to cleanup small spills or releases that may occur at the site. Released material, contaminated soils, debris, or other material will be promptly removed and disposed of in accordance with Federal, State, and Local requirements. All affected employees will be informed of their responsibilities for responding to releases. At a minimum, based on requirements of the Industrial Storm Water General Permit, the following steps must be completed:

1. The facility will notify the National Response Center at (800) 424-8802, the Mississippi Emergency Management Agency at (601) 933-6362 or (800) 222-6362, MDEQ at (601) 961-5171, and local responders as soon as facility personnel first become aware of a significant release. MDEQ must be notified by phone within 24 hours of discovery of the discharge.

2. A written submission, including a description of the event; the cause; the date and time; the duration of the event; whether or not the problem has been corrected and the steps taken or planned to reduce, eliminate and prevent recurrence, will be submitted to the MDEQ within five (5) working days of the time the facility first became aware of the circumstances.

3. This SWPPP will be amended within 30 calendar days of knowledge of the release if existing BMPs are deemed ineffective in controlling the release of pollutants. The amendment will include a description of the incident, as well as, new BMPs to minimize the potential of the incident recurring, if possible. In addition, the SWPPP will be amended within 30 days whenever there is a change in construction, operation, or maintenance that may result in storm water contamination.

If a significant release does occur or site changes affect the SWPPP, the SWPP Team Leader or his/her designee is responsible for ensuring that these requirements are satisfied. Any spills are recorded on the **Monthly Spill & Leak Log Sheet** in **Appendix C**. If no spills have occurred during the month, the **Monthly Spill & Leak Log Sheet** in **Appendix C** shall be completed by checking the available box and signing it as indicated.

## 6.4 Routine Visual Inspections

Routine visual site inspections will be conducted to ensure that storm water discharges are free from objectionable characteristics in observable amounts (i.e., turbidity, color, sheen, etc.). All areas, including parking areas, exposed product/material storage areas and drainage structures, contributing to storm water discharges associated with exposed industrial activity will be inspected. These areas will be checked by a member of the SWPP Team for evidence of pollutants entering the site drainage system and for identifying conditions which may cause contamination of storm water runoff. All drainage structures and areas containing exposed materials as specified in Section 5.1 will be included in the routine visual inspections.

***Routine visual site inspections will be performed as often as needed but no less than once monthly*** **(See inspection form in Appendix A**). If and when feasible, the inspections will be conducted during or after storm events. As part of any inspection conducted during or after a storm event, storm water will be collected in a clean, clear jar and examined (see **Monthly Visual Jar Test Inspection Form** in **Appendix B**) in a well-lit area for the purpose of identifying obvious industrial storm water pollution such as color, lack of clarity, floating solids, settled solids, suspended solids, foam, odor, and oil sheens. Should any objectionable characteristics described above be observed, an investigation upstream from the sample location will be conducted to identify the potential sources of pollution and corrective actions will be implemented as needed.

A record of all routine visual site inspections will be maintained onsite with the SWPPP and will contain the following information:

- Date of inspection;
- Name and signature of inspector;
- Observations of exposed industrial activities, equipment, and storage areas;
- Observations of facility drainage, storm water controls, and outfalls;
- Observations of jar test results, and observations of upstream investigations, if required;
- Description of concerns or problem conditions observed; and
- Description of corrective actions needed, personnel responsible for implementing corrective action, anticipated time frame for implementing corrective actions, and date corrective actions were implemented.

A record of all jar test observations will be maintained onsite with the SWPPP and will contain the following information:

- Date and time of inspection;
- Name and signature of inspector;
- Observations of jar test results, and observations of upstream investigations, if required;
- Description of concerns or problem conditions observed; and

- Description of corrective actions needed, personnel responsible for implementing corrective action, anticipated time frame for implementing corrective actions, and date corrective actions were implemented.

The results of all inspections and associated corrective actions will be included with the **Annual SWPPP Evaluation Form** provided in **Appendix E** and kept with the SWPPP.

## 6.5 Employee Training

Effective management of storm water pollution will require site personnel responsible for implementing and/or complying with the SWPPP to be familiar with conditions that may cause pollution. Furthermore, day-to-day use of BMPs by employees is essential for the success of the SWPPP. The designated SWPP Team Leader will be responsible for ensuring the implementation of the guidelines established in the Industrial Storm Water General Permit and the SWPPP and for employee training that is to include the following elements:

- Housekeeping and pollution prevention requirements;
- Spill prevention and response procedures;
- Identification and elimination of non-allowable, non-storm water discharge;
- Installation, maintenance and inspection of erosion and sediment controls for any construction activities;
- Installation, maintenance, and inspection of BMPs;
- Procedures for conducting monthly inspections, jar tests, and any required monitoring;
- Recordkeeping, reporting, and record retention requirements;
- Release reporting and non-compliance notification and reporting requirements; and
- Standard requirements of the Industrial Storm Water General Permit.

***Training is required to be conducted at least annually, and training documentation is provided in the Employee Training Log Form in Appendix D.*** Newly hired employees will be trained in the responsibilities of storm water management prior to performing such duties, and annually thereafter, by December 31$^{st}$ of each calendar year. Regular feedback regarding the implementation and maintenance of the SWPPP is encouraged from all site personnel. The SWPP team members will evaluate the effectiveness of the training program annually and make improvements as necessary to promote employee awareness.

## 6.6 Non-Storm Water Discharge Certification

The Industrial Storm Water General Permit prohibits virtually all non-storm water discharges unless specifically allowed by the general permit (see Section 3.5) or by a NPDES direct discharge wastewater permit. As required by the Industrial Storm Water General Permit, the site must certify at least every five (5) years that storm water discharges have been evaluated for the presence of non-allowable, non-storm water discharges. The certification shall include method(s) of evaluation, date(s), observation point(s) and result(s). The evaluation method(s) may include, but not be limited to, one or more of the following dry weather screening methods: 1) visual inspection, 2) plant schematic review, and 3) dye testing. A **Non-Storm Water Discharge Evaluation Form** addressing the dry weather observation of industrial activities, storm water drainage, and outfalls (SW001, SW002, SW003, SW004, SW005, and SW006) is provided in **Appendix F**. The observation revealed no non-storm water discharges from the facility. Additionally, non-storm water discharges will be monitored

during the routine inspections.

## 6.7 Sediment and Erosion Controls

The vegetated areas (primarily seasonal grasses) of the site are maintained to prevent erosion and minimize the loss of sediment due to storm water runoff. Concrete surfacing along the facility entrance, parking areas, and operation areas serve to eliminate or reduce erosion. The SWPP team regularly inspects drainage ditches, swales, and basins for erosion and will stabilize questionable areas as needed.

## 6.8 Storm Water Discharge Limitations

Non-numeric limitations of the permit require storm water discharges to be free from the following:

- Debris, oil scum, and other floating materials other than trace amounts;
- Eroded soils and other materials that will settle to form objectionable deposits in receiving waters;
- Suspended solids, turbidity, and color at levels inconsistent with receiving waters; and
- Chemicals in concentrations that would cause a violation of State Water Quality Criteria in receiving waters.

Numeric Limitations specified in ACT 11 of the Industrial Storm Water General Permit for industrial facilities with coal piles is addressed in Section 5.4. Also, there are no specific Federal effluent limitations guidelines applicable to storm water discharges at the site.

## 6.9 Storm Water Treatment

Storm water discharging from the facility through outfalls SW001 – SW006 identified in this plan is not treated prior to discharge. The facility does have some stormwater treated prior to discharge, but this is covered under NPDES MS0046515.

# 7.0 ANNUAL FACILITY INSPECTION AND SWPPP EVALUATION

## 7.1 Annual SWPPP Evaluation

The Annual SWPPP Evaluation will be conducted by December 31st of each year and will assess the effectiveness and accuracy of the SWPPP and ensure that the SWPPP is current, up to date, and meets all the requirements of ACT5, T-1 through T-9. Should the SWPPP need to be amended based on the findings of any evaluation, a copy of the amended SWPPP will be submitted to MDEQ in accordance with Condition ACT7, S-1(4). The results of the monthly inspections and sampling will be documented each month and used to complete the **Annual SWPPP Evaluation Form** found in **Appendix E**.

## 7.2 SWPPP Update

The SWPPP will be updated to include potential sources of storm water contamination identified during the inspections and not already included in the plan, as well as any additional BMPs or control measures needed to control new or existing sources of storm water contamination. The amended plan will be submitted to MDEQ within thirty (30) days of amendment of the plan. The SWPPP will also be updated if the facility is notified by the Executive Director of MDEQ that the SWPPP does not meet minimum requirements. The update will be submitted within thirty (30) days of the notification by MDEQ, along with a certification that the requested changes have been made.

## 7.3 Noncompliance Reporting

In the event of anticipated, or unanticipated, non-compliance with the Industrial Storm Water General Permit, the following procedures will be followed:

**(1) Unanticipated Noncompliance** – The coverage recipient will notify MDEQ orally within twenty-four (24) hours from the time that he, or she, becomes aware of unanticipated noncompliance followed by a written notice to the MDEQ within five (5) working days. The written report must describe the cause; exact dates and times; steps taken or planned to reduce, eliminate, or prevent reoccurrence of the noncompliance and if noncompliance has not ceased, the anticipated time for correction.

**(2) Anticipated Noncompliance** – The coverage recipient will give at least ten (10) days advance notice to MDEQ, if possible, before any planned noncompliance with the permit.

**(3) Other Noncompliance –** The coverage recipient shall report all instances of noncompliance not reported under paragraph (1) above, within 30 days from the end of the month in which the noncompliance occurs. The report shall describe the cause, the exact dates and times, steps taken or planned to reduce, eliminate, or prevent reoccurrence and, if the noncompliance has not ceased, the anticipated time for correction.

Reports must be submitted to MDEQ to the attention of: Chief, Environmental Compliance and Enforcement Division.

## 7.4 Retention of Records

All records, reports and information resulting from activities required by this permit will be retained by the coverage recipient, onsite, for a period of three (3) years from the date of generation. Copies of completed Annual SWPPP Evaluation Forms, as well as the monthly inspections and sampling, will be kept with the SWPPP.

# 8.0 SARA TITLE III, SECTION 313 FACILITY REQUIREMENTS

## 8.1 Section 313 Water Priority Chemicals

There are SARA Section 313 Water Priority Chemicals (WPC) of appreciable amounts stored at the site. There is also small quantities of WPC that may be contained in various materials located throughout the facility (i.e., maintenance shop chemicals, aerosol paints, etc.), but are less than the amount that triggers Toxics Release Inventory (TRI), Form R reporting. The Safety Data Sheets (SDS) of all materials are maintained onsite. In the event that WPCs are brought onsite, this plan will be revised and the following procedures will be followed.

The SARA Section 313 Water Priority Chemicals (WPC) stored at the site include the following:

| 313 Chemical | *Product Type* | *Storage Container* | *Area stored* | *Quantity* |
|---|---|---|---|---|
| Naphthalene | Diesel | Double-Walled Tank | Diesel Tank near Emergency Generator and Diesel tank by Maintenance | Varies |
| Sulfuric Acid | Liquid | Totes | G-Line Warehouse<br>Water Treatment Areas | Varies |
| Trace Metals and PACs from Coal | Solid | N/A | Throughout the Site | Varies |
| Trace PAC from Pitch | Solid | Steel or Aluminum Container | West of F-Line | Varies |

## 8.2 Section 313 WPC Storage, Processing, and Handling

In areas where liquid WPC (excluding creosote) are stored, processed, or handled, appropriate containment procedures and drainage control structures have been implemented and maintained to contain a potential spill or release. All WPC storage containers and handling equipment are compatible with the material stored and conditions of storage (e.g., pressure, temperature) and are operated to prevent discharges of WPC. Loading and unloading areas shall be operated to minimize discharges of liquid WPC. Other controls may include the use of drip pans where spillage may occur, such as when making or breaking hose connections, and/or strong spill contingency and integrity testing plan.

The facility stores and handles coal for use in the manufacturing process. Coal contains naturally occurring trace minerals, including Section 313 WPC that may include: copper, zinc, manganese, arsenic, selenium, mercury, lead, nickel, and associated compounds.

Visual inspections of the storage areas and storage containers are performed to identify potential integrity problems. Signs of leakage or deterioration will be documented, and corrective action will be initiated if such signs are noted. The identified chemicals (with the exception of coal) are stored inside buildings, where leaks or spills would be maintained inside, or double-walled tanks. Coal is stored within bermed containment. No adverse impact to the environment from storm water contact is anticipated from the presence of WPC chemicals in the products used at the site.

## 8.3 Preventive Maintenance and Housekeeping

All areas containing WPC chemicals will be inspected for leaks or conditions that could lead to discharges or result in direct contact of storm water. Facility personnel will monitor such potential occurrences during normal operations and during routine visual inspections (see Section 6.4). In particular, facility piping, pumps, storage tanks and bins, pressure vessels, process and material handling equipment, and material bulk storage area shall be examined for any conditions or failures which could cause a discharge. Inspection shall include examination for leaks, corrosion, support or foundation failure, or other forms of deterioration or non-containment.

## 8.4 Facility Security

The site security protocols have been established and implemented that prevents accidental or intentional entry, which could cause a discharge. These security measures are detailed in Section 3.3.

## 8.5 Training

Employee training regarding the prevention of and response to spills and discharges of WPC will be conducted ***at least annually*** (see Section 6.5).

## 8.6 Storm Water Monitoring

During coverage under the Industrial Storm Water General Permit, which is included in **Appendix H**, storm water discharges associated with industrial activity under SARA are subject to the monitoring requirements listed in this Section only if an EPA Form R (EPA Form 9350-1) or information gathered in completing a Form A indicates a release of WPC to storm water. No releases of WPC have occurred in the last five (5) years that would trigger sampling requirements in the Industrial Storm Water General Permit. In the event a release is reported on future Form R or Form A submittals, monitoring will be performed as described below:

***Frequency of Monitoring and Type of Storm***

If monitoring is required for storm water outfall(s) based on Form R reporting, sampling will be performed as close as practicable to the time of the release. The sampling event(s) will be conducted on storm(s) greater than 0.1 inches in magnitude, and occurring at least 72 hours from the previously measurable (greater than 0.1-inch rainfall) storm.

***Parameters***

The following parameters will be measured: pH, total suspended solids (TSS), and any Section 313 chemical reported on an EPA Form R as being released to storm water. In addition, the following information will be documented: date and duration (hours) of storm sampled, rainfall measurement (in inches) of storm which generated storm water runoff, the duration (hours or days) between the storm sampled and the end of the previous measurable (greater than 0.1-inch rainfall) storm, and an estimate of total discharge (in gallons) for the storm sampled.

***Sample Collection***

For each applicable outfall, one grab sample will be collected during the first thirty (30) minutes of runoff (or as soon thereafter as practicable), and one composite sample will be collected. The composite sample may be either flow-weighted or time-weighted, and may be collected using an automatic continuous sampler or as a combination of a minimum of three (3) sample aliquots taken in each hour for the first three (3) hours or entire discharge, with each aliquot being separated by a minimum period of fifteen (15) minutes.

***Representative Discharge***

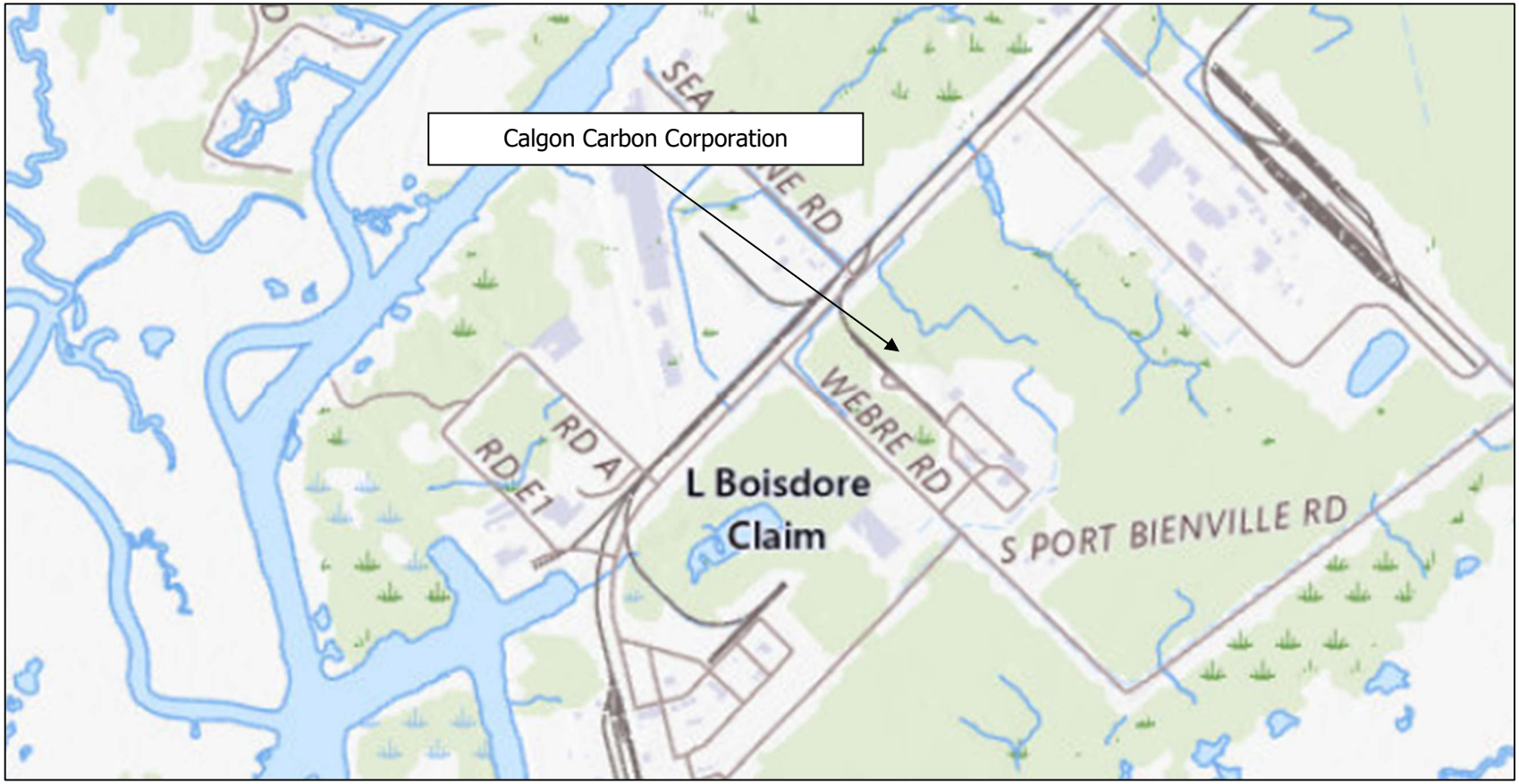
The representative discharge would be determined based on the WPC release location.

***Reporting of Monitoring Results***

Results of any monitoring required will be reported to MDEQ within ninety (90) days of the sampling event.

# FIGURES

# FIGURE 1 – SITE LOCATION MAP




N
W E
S

Source:
Mytopo.com

Legend:
N/A

Drawn By/Checked By: JAD/BSK

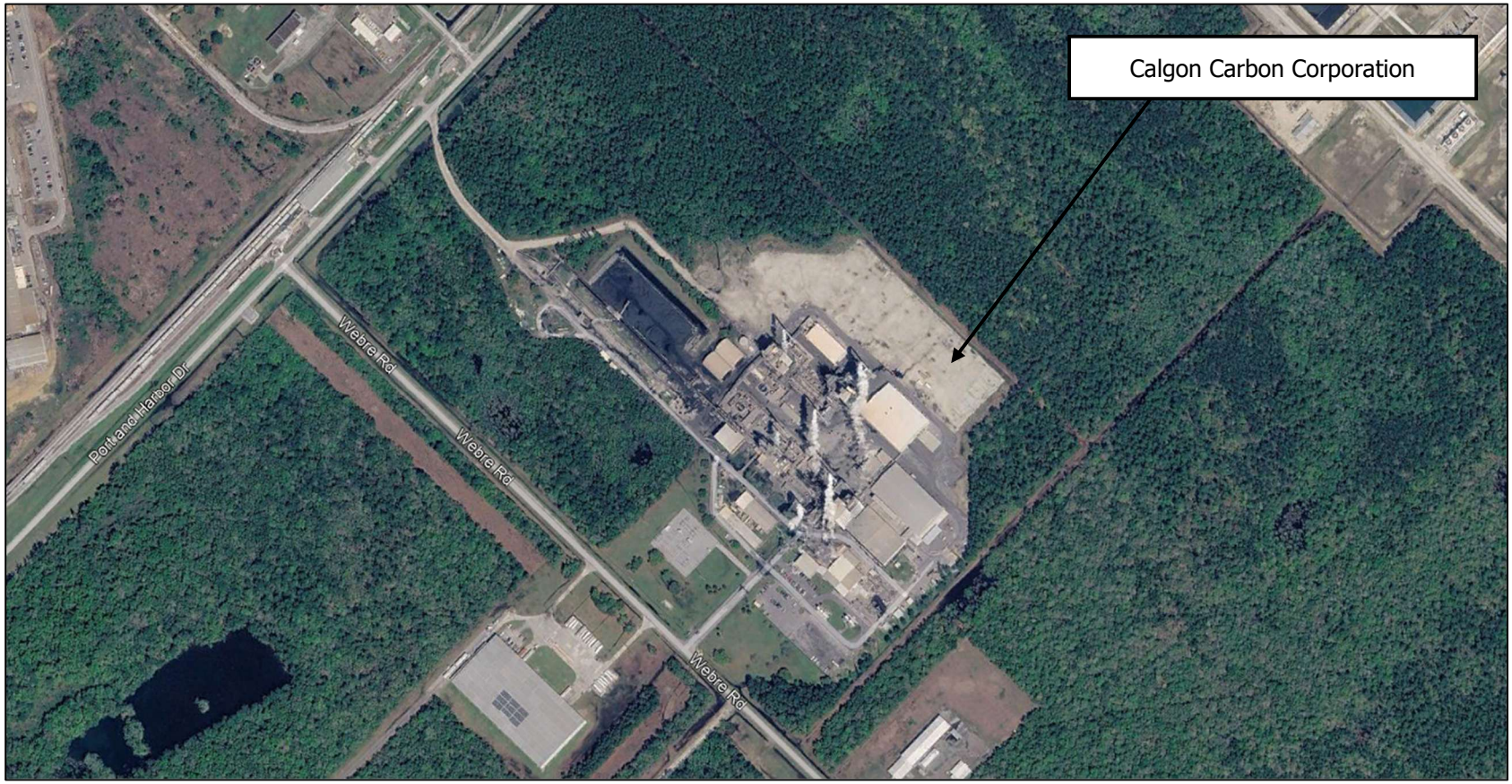
Date: 10/20/2026

Calgon Carbon Corporation
13121 Webre Road
Bay Saint Louis, MS 39520

**Figure 1: Site Location Map**

Trinity Consultants

# FIGURE 2 – AERIAL MAP




N
W E
S

Source:
Google Earth (Imagery Date: 3/17/2024)

Legend:
N/A

Drawn By/Checked By: JAD/BSK

Date: 10/20/2026

Calgon Carbon Corporation
13121 Webre Road
Bay Saint Louis, MS 39520

**Figure 2: Aerial Map**

Trinity Consultants

## FIGURE 3 – STORM WATER FLOW DIAGRAM

| ID No. | Exposed Material |
|---|---|
| 1 | Coal Storage |
| 2 | Coal Transfer (Loading/Unloading) |
| 3 | Metal Laydown |
| 4 | Soda Ash |
| 5 | Employee Parking |
| 6 | Diesel Storag and Loading/Unloading |
| 7 | Oil Storage and Loading/Unloading |
| 8 | Used Oil Storage and Loading/Unloading |
| 9 | Chemical/Material Storage |
| 10 | Emergency Generator |
| 11 | Portable Bathrooms |
| 12 | GAC Final Product Storage |
| 13 | Equipment Maintenance Area |
| 14 | Pallet Storage |
| 15 | Mobile Equipment |
| 16 | Solid Waste Dumpsters |
| 17 | Scrap Metal Dumpsters |
| 18 | Loading Dock |
| 19 | Transformers |

SW006 SW005 SW004 SW003 SW002

SW001

Berm

Drainage Ditch

Not owned by CCC

Hazardous Waste Storage

G-Line Warehouse

F-Line Warehouse

DPA

200 FT

Trinity Consultants
141 Township Ave, Ste 304
Ridgeland, MS 39157
(601) 566-1532

Calgon Carbon Corporation
13121 Webre Road
Bay St. Louis, MS 39520

Site Diagram

Figure 3

Legend:
Property Boundary
Culvert
Silt Fence
Stormwater Flow
Outfall
Clarifier
Conveyer

Scale: NTS

Drawn By: JAD

Date: 10/10/2026

# APPENDICES

# APPENDIX A - MONTHLY INSPECTION/VISUAL EVALUATION REPORT

# INDUSTRIAL STORMWATER GENERAL PERMIT
# COVERAGE NUMBER (MSR__ __ __ __ __ __)
# MONTHLY INSPECTION / VISUAL EVALUATION REPORT
# (FOR INDUSTRIAL STORM WATER ACTIVITY)

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

**As required by ACT10 of this permit, this inspection / visual evaluation form must be completed on a monthly basis. Completion of this form must be performed by an individual with the knowledge, skills, and training to assess conditions and activities that could impact storm water quality and to evaluate the effectives of best management practices required by this permit. A copy of the completed and signed form shall be maintained on-site with the SWPPP and be available for review by MDEQ personnel upon request.**

| **FACILITY NAME:** | **DATE:** |
|---|---|
| **PHYSICAL ADDRESS:** | |

**WEATHER INFORMATION:**

- Description of Weather Conditions (e.g., sunny, cloudy, raining, snowing, etc.):

  _____

  _____

- Was the inspection conducted during or immediately after a rain event? ☐ **Yes** ☐ **No** ☐ If yes, conduct a Jar Test at each storm water outfall and attach the results to this form.

**I. POTENTIAL POLLUTANT SOURCE, AREA INSPECTION AND BEST MANAGEMENT PRACTICES EVALUATION**

| **SWPPP AND SITE MAP**: | **Yes** | **No** | **N/A** | **Findings & Remedial Action Documentation** |
|---|---|---|---|---|
| • Is the Site Map current and accurate? | ○ | ○ | ○ | |
| • Is the SWPPP inventory of industrial activities, materials and products current? | ○ | ○ | ○ | |
| **VEHICLE/EQUIPMENT AREAS**: | | | | |
| **Equipment cleaning:** | | | | |
| • Is equipment washed and / or cleaned using a detergent(s)? | ○ | ○ | ○ | |
| • If so, is all wash water captured and properly disposed of? | ○ | ○ | ○ | |
| **Equipment fueling:** | | | | |
| • Are all fueling areas free of contaminant buildup and evidence of chronic leaks/spills? | ○ | ○ | ○ | |
| • 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? | ○ | ○ | ○ | |
| • Are structures in place to prevent precipitation from accumulating in containment areas? | ○ | ○ | ○ | |
| • If not, is there any water or other fluids accumulated within the containment area? | ○ | ○ | ○ | |

| | Yes | No | N/A | Findings & Remedial Action Documentation |
|---|---|---|---|---|
| **Equipment maintenance:** | | | | |
| • Are maintenance tools, equipment and materials stored under shelter, elevated and covered? | ○ | ○ | ○ | |
| • Are all drums and containers of fluids stored with proper cover and containment? | ○ | ○ | ○ | |
| • Are exteriors of containers kept outside free of deposits? | ○ | ○ | ○ | |
| • Are any vehicles and/or equipment leaking fluids? Identify leaking equipment. | ○ | ○ | ○ | |
| • Is there evidence of leaks or spills since last inspection? Identify and address. | ○ | ○ | ○ | |
| • Are materials, equipment, and activities located so that leaks are contained in existing containment and diversion systems (confine the storage of leaky or leak-prone vehicles and equipment awaiting maintenance to protected areas)? | ○ | ○ | ○ | |
| Add any additional site-specific BMPs: | ○ | ○ | ○ | |
| _____ | | | | |
| _____ | | | | |
| _____ | | | | |
| _____ | | | | |
| _____ _____ | | | | |
| **GOOD HOUSEKEEPING BMPS:** | | | | |
| 1. Are paved surfaces free of accumulated dust/sediment and debris? | ○ | ○ | ○ | |
| • Date of last vacuum/sweep _____ | | | | |
| • Are there areas of erosion or sediment/dust sources that discharge to storm drains? | ○ | ○ | ○ | |
| 2. Are there any waste receptacles located outdoors? If yes: | ○ | ○ | ○ | |
| • In good condition? | ○ | ○ | ○ | |
| • Not leaking contaminants? | ○ | ○ | ○ | |
| • Closed when not being accessed? | ○ | ○ | ○ | |
| • External surfaces and area free of excessive contaminant buildup? | ○ | ○ | ○ | |
| 3. Are the following areas free of accumulated dust/sediment, debris, contaminants, and/or spills/leaks of fluids? | | | | |
| • External dock areas | ○ | ○ | ○ | |
| • Pallet, bin, and drum storage areas | ○ | ○ | ○ | |
| • Maintenance shop(s) | ○ | ○ | ○ | |
| • Equipment staging areas (loaders, tractors, trailers, forklifts, etc) | ○ | ○ | ○ | |
| • Around bag-house(s) | ○ | ○ | ○ | |
| • Around bone yards | ○ | ○ | ○ | |
| • Other areas of industrial activity: | ○ | ○ | ○ | |
| _____ | | | | |
| _____ | | | | |
| _____ | | | | |
| _____ | | | | |
| _____ | | | | |

| **SPILL RESPONSE AND EQUIPMENT:** | Yes | No | N/A | Findings & Remedial Action Documentation |
|---|---|---|---|---|
| 1. Are spill kits available, in the following locations? | | | | |
| • Fueling stations | ○ | ○ | ○ | |
| • Transfer and mobile fueling units | ○ | ○ | ○ | |
| • Vehicle and equipment maintenance areas | ○ | ○ | ○ | |
| • Process / product formulation areas | ○ | ○ | ○ | |
| 2. Do the spill kits contain all the appropriate necessary items such as: | | | | |
| • Oil absorbents? | ○ | ○ | ○ | |
| • A storm drain plug or cover kit? | ○ | ○ | ○ | |
| • A non-water containment boom? | ○ | ○ | ○ | |
| • A non-metallic shovel? | ○ | ○ | ○ | |
| • Other additional items: | ○ | ○ | ○ | |
| _____ | | | | |
| _____ | | | | |
| _____ | | | | |
| 3. Are contaminated absorbent materials properly disposed? | ○ | ○ | ○ | |
| **GENERAL MATERIAL STORAGE AREAS:** | | | | |
| • Are damaged materials stored inside a building or another type of storm-resistant shelter? | ○ | ○ | ○ | |
| • Are all uncontained material piles stored in a manner that minimizes the discharge of impacted storm water? | ○ | ○ | ○ | |
| • Are scrap metal bins covered? | ○ | ○ | ○ | |
| • Are outdoor containers covered? | ○ | ○ | ○ | |
| **STORM WATER BMPS AND TREATMENT STRUCTURES:** (Visually inspect all storm water BMPs, treatment structures / devices, discharge areas, infiltration, and outfalls shown on the Site Map). | | | | |
| • Are BMPs and treatment structures in good repair and operational? | ○ | ○ | ○ | |
| • Are BMPs and treatment structures free from debris buildup that may impair function? | ○ | ○ | ○ | |
| • Are berms, curbing or other methods used to divert and direct discharges adequate and in good condition? | ○ | ○ | ○ | |
| **OBSERVATION OF STORM WATER DISCHARGES:** | | | | |
| • Is the discharge free of floating materials, visible oil sheen, discoloration, turbidity, odor, foam or any other signs of contamination? | ○ | ○ | ○ | |
| • Water from washing vehicles or equipment (with detergent), steam cleaning and/or pressure washing is considered process wastewater and is not allowed to comingle with storm water or enter storm drains. Is process water comingling with storm water or entering storm drains? | ○ | ○ | ○ | |
| • Illicit discharges include domestic wastewater, noncontact cooling water, or process wastewater (including leachate). Were any illicit discharges observed during the inspection? | ○ | ○ | ○ | |

| **MISCELLANEOUS AREAS / ITEMS OF CONCERN:** (Evaluations of any matters that are not contained within another section but are covered in the SWPPP [i.e. industrial areas; housekeeping measures; unique BMPs; observations, etc.] should be denoted here.) | **Yes** | **No** | **N/A** | **Findings & Remedial Action Documentation** |
|---|---|---|---|---|
| | | | | |

**II. CORRECTIVE ACTION AND SWPPP MODIFICATION DESCRIPTIONS: Additional space to describe inspection findings and corrective actions if needed. Provide brief explanation of the general location and the rationale for the additional or different BMPs.**

**III. CERTIFICATION STATEMENTS AND SIGNATURES:**

**Inspector - Certification:** This section must be completed by the person who conducted the site inspection prior to submitting this form to the person with signature authority or a duly authorized representative of that person.

*"I certify that this report is true, accurate, and complete, to the best of my knowledge and belief."*

| | | | |
|---|---|---|---|
| | | | |
| **Inspector's Name – Printed** | **Inspector's Signature** | **Inspector's Title** | **Date** |

# APPENDIX B - MONTHLY VISUAL JAR TEST INSPECTION FORM

# Monthly Visual Jar Test Inspection Form

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL 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. [Industrial Stormwater General Permit ACT10 R-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? **Yes or No** | |

| Parameter | Parameter Description | Description of Sample |
|---|---|---|
| Color | Is the water sample colored? **Yes or No** | If yes, describe the color: |
| Clarity | Is the water sample clear and transparent? **Yes or No** | If no, describe the clarity: |
| Floating Solids | Are there solids floating at the top of the sample? **Yes or No** | If yes, describe the floating solids: |
| Settled Solids | Are there solids settled out in the bottom of the sample? **Yes or No** | If yes, describe the settled solids: |
| Suspended Solids | Are there solids suspended in the water column of the sample? **Yes or No** | If yes, describe the suspended solids: |
| Foam | Is there foam forming at the top of the sample? **Yes or No** | If yes, describe the foam: |
| Odor | Does the sample have an odor? **Yes or No** | If yes, describe the odor: |
| Oil Sheens | Does the sample have an oil sheen? **Yes or No** | If yes, describe the oil sheen: |

Detail any concerns noted in the visual jar sample and describe the corrective actions taken:

*"I certify under penalty of law that this report is true, accurate, and complete, to the best of my knowledge and belief."*

| | | |
|---|---|---|
| | | |
| Inspector's Name - Printed | Inspector's Signature | Date |

# APPENDIX C - MONTHLY SPILL & 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 Industrial Stormwater 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. [Industrial Stormwater General Permit ACT5 T-3 (4)]

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

# APPENDIX D - EMPLOYEE TRAINING LOG

# Employee Training Log

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

**Instructions:** Newly hired employees responsible for implementing and/or complying with the requirements of the permit shall receive initial training prior to performing such responsibilities. Employees shall receive refresher training at a minimum of every twelve (12) months, thereafter. Proper documentation of employee training must be maintained. Include copies of the training agenda and certificates of training when applicable. All training records shall be maintained for at least three years from the date of training. [Industrial Stormwater General Permit ACT14 S-1]

| | |
|---|---|
| Facility Name: | Physical Address: |
| Coverage Number: | Training Date: |
| Training Topic: | |
| Training Description: | |

| Employee Name (printed) | Employee Signature | Worker ID Number | Initial/Refresher |
|---|---|---|---|
| | | | |
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*"I certify under penalty of law that this report is true, accurate, and complete, to the best of my knowledge and belief."*

| Trainer Name (printed) | Trainer Signature | Date |
|---|---|---|
| | | |

# APPENDIX E - ANNUAL SWPPP EVALUATION FORM

# INDUSTRIAL STORM WATER GENERAL PERMIT
# COVERAGE NUMBER (MSR__ __ __ __ __ __)
# ANNUAL COMPREHENSIVE SWPPP EVALUATION FORM

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

**Coverage recipients shall conduct a comprehensive evaluation of the facility's SWPPP by December 31, 2021, and annually thereafter by December 31st of each year. The evaluation shall assess the effectiveness and accuracy of the SWPPP and ensure that the SWPPP is current, up to date, and meets all the requirements of ACT5 T-1 through T-9. Should the SWPPP need to be amended based on the findings of any evaluation, a copy of the amended SWPPP must be submitted to MDEQ in accordance with ACT9 S-1 (4).**

| **FACILITY NAME:** | **EVALUATION DATE:** |
|---|---|
| **PHYSICAL ADDRESS:** | |

| **I. DESCRIPTION OF POTENTIAL POLLUTANT SOURCES** | | | |
|---|---|---|---|
| **INDUSTRIAL ACTIVITIES** | **Yes** | **No** | **Findings & Remedial Action Documentation** |
| • Does the SWPPP have a list of Industrial Activities exposed to storm water? | ○ | ○ | |
| • Has the facility added any Industrial Activities that are exposed to storm water since the previous Annual SWPPP Evaluation? | ○ | ○ | |
| **MATERIALS AND POLLUTANTS** | | | |
| • Does the SWPPP have a list of materials and pollutants exposed to storm water? | ○ | ○ | |
| • Does the SWPPP have a narrative description of the materials and pollultants? | ○ | ○ | |
| • If so, does the narrative contain the following information? | | | |
| ○ Method of storage and disposal. | ○ | ○ | |
| ○ Management practices employed to minimize contact with storm water. | ○ | ○ | |
| ○ Structural and non-structural control measures to reduce pollutants in storm runoff. | ○ | ○ | |
| ○ Any treatment the storm water receives. | ○ | ○ | |
| **SPILLS AND LEAKS** | | | |
| • Does the SWPPP contain a monthly updated list of spills and leaks? | ○ | ○ | |
| • Does the SWPPP contain an updated summary of all storm water samplaing data including a description of associated pollutants? | ○ | ○ | |

| I. DESCRIPTION OF POTENTIAL POLLUTANT SOURCES (CONTINUED) | | | |
|---|---|---|---|
| **SITE MAP** | **Yes** | **No** | **Findings & Remedial Action Documentation** |
| • Does the SWPPP have a site map showing the property layout with site boundaries? | ○ | ○ | |
| • If so, does the site map indicate the following features? | | | |
| o Surface water bodies. | ○ | ○ | |
| o Drainage area of each storm outfall by number. | ○ | ○ | |
| o Direction of flow for each drainage area. | ○ | ○ | |
| o Location and description of existing structural and non-structural control measures to reduce the pollutants in storm runoff. | ○ | ○ | |
| o Location of any storm water treatment activities. | ○ | ○ | |
| o Location of any storm drain inlets. | ○ | ○ | |
| o Location of industrial activities, such as: | ○ | ○ | |
| a) Fuel storage and dispensing locations.<br>b) Vehicle/equipment repair, maintenance, and cleaning areas.<br>c) Materials storage and handling areas.<br>d) Loading/unloading areas.<br>e) Process or manufacturing areas. | | | |
| o Location of housekeeping practices. | ○ | ○ | |
| o Storm water conveyances (ditches, pipes, & swales). | ○ | ○ | |
| **II. DESCRIPTION OF STORM WATER MANAGEMENT CONTROLS** | | | |
| **POLLUTION PREVENTION MANAGER/COMMITTEE** | | | |
| • Does the SWPPP specify individual(s) responsible for developing the SWPPP and assisting the facility manager in its implementation, maintenance, and revision? | ○ | ○ | |
| • If so, have there been any changes in the personnel listed since the previous Annual SWPPP Evaluation? | ○ | ○ | |
| **RISK IDENTIFICATION AND MATERIAL INVENTORY** | | | |
| • 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? | ○ | ○ | |
| • If so, have there been any changes in operations or sources of potential pollutants since the previous Annual SWPPP Evaluation.? | ○ | ○ | |

| II. DESCRIPTION OF STORM WATER MANAGEMENT CONTROLS (CONTINUED) | | | |
|---|---|---|---|
| | Yes | No | Findings & Remedial Action Documentation |
| **SEDIMENT AND EROSION PREVENTION** | | | |
| • Does the SWPPP identify areas with a high potential for soil erosion, and specify prevention measures to limit erosion? | ○ | ○ | |
| • If so, have there been any changes to the facility which would increase the potential for soil erosion since the previous Annual SWPPP Evaluation? | ○ | ○ | |
| **PREVENTIVE MAINTENANCE** | | | |
| • Does the SWPPP contain a preventive maintenance program to insure the inspection and maintenance of storm water management devices? | ○ | ○ | |
| • If so, does the program specify protocol for inspecting and testing of equipment to preclude breakdowns or failures that may cause pollution? | ○ | ○ | |
| **GOOD HOUSEKEEPING** | | | |
| • Does the SWPPP describe and list practices appropriate to prevent pollutants from entering storm water from industrial activities due to poor housekeeping? | ○ | ○ | |
| • If so, do the practices describe or list the following: | | | |
| o Designated areas for equipment maintenance and repair. | ○ | ○ | |
| o Provisions for waste receptacles at convenient locations. | ○ | ○ | |
| o Provisions for regular collection of waste. | ○ | ○ | |
| o Adequately maintained sanitary facilities. | ○ | ○ | |
| o 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. | ○ | ○ | |
| o Secondary containment for raw material stockpiles. | ○ | ○ | |
| **SPILL PREVENTION AND RESPONSE PROCEDURES** | | | |
| • Does the SWPPP identify potential spill areas and their drainage points? | ○ | ○ | |
| • Does the SWPPP specify material handling procedures and storage requirements? | ○ | ○ | |
| • Does the SWPPP have procedures for cleaning up spills? | ○ | ○ | |
| • Have there been any changes at the facility in potential spill areas and/or their drainage points since the previous Annual SWPPP Evaluation? | ○ | ○ | |
| **EMPLOYEE TRAINING** | | | |
| • Does the SWPPP specify periodic training for personnel that are responsible for implementing and/or complying with the requirements of the SWPPP? (see ACT14) | ○ | ○ | |

| II. DESCRIPTION OF STORM WATER MANAGEMENT CONTROLS (CONTINUED) | | | |
|---|---|---|---|
| **ILLICIT CONNECTIONS EVALUATION AND CERTIFICATION** | **Yes** | **No** | **Findings & Remedial Action Documentation** |
| • Does the SWPPP contain an illicit connection certification? | ○ | ○ | |
| • If so, was the certification evaluation and certification completed within the last 5 years? | ○ | ○ | |
| • Does the certification include the following?:<br>o Method of evaluation, date(s), observation point(s), and result(s). | ○ | ○ | |
| **ROUTINE VISUAL SITE INSPECTIONS** | | | |
| • Does the SWPPP describe the policy and procedures for routine visual inspections, including frequencies and areas to be inspected? | ○ | ○ | |
| • Does the SWPPP inspection policy describe procedures for collecting storm water if the inspection is conducted during or after a storm event? | ○ | ○ | |
| • If so, does the SWPPP inspection policy outline procedures consistent with the requirements of ACT10 R-1 to investigate, correct, and document instances in which visible pollutants are observed? | ○ | ○ | |
| **STORM WATER MANAGEMENT** | | | |
| • Does the SWPPP provide for the management of storm water volume through its diversion, infiltration, storage or re-use? | ○ | ○ | |
| **III. NON-STORM WATER DISCHARGE MANAGEMENT** | | | |
| **NON-STORM WATER MANAGEMENT** | | | |
| • Does the SWPPP identify any allowable non-storm water discharges identified in ACT2 T-3? | ○ | ○ | |
| • Does the SWPPP identify and ensure the implementation of appropriate Best Management Practices (BMPs) for the non-storm water component of any discharge? | ○ | ○ | |
| • Have there been any changes or additions to the allowable non-storm water discharges since the previous Annual SWPPP Evaluation? | ○ | ○ | |
| **IV. FACILITY CHANGES** | | | |
| **SWPPP AMENDMENT** | | | |
| • 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?<br>**If so, amend the SWPPP and submit it to the MDEQ within 30 days of amendment. (ACT9 S-1 (4))** | ○ | ○ | |

| V. MONTHLY INSPECTION SUMMARY (Previous 12 months) | | | | | | |
|---|---|---|---|---|---|---|
| DATE (mm/dd/yy) | TIME | ANY DEFICIENCIES? YES | NO | IF YES, WERE CORRECTIVE ACTIONS TAKEN? YES | NO | INSPECTOR(S) |
| | | | | | | |
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**SWPPP EVALUATION CERTIFICATION STATEMENT AND SIGNATURE:**

**SWPPP Evaluation and Certification:** This section must be completed by the person who conducted the SWPPP evaluation prior to submitting this form to the person with signature authority or a duly authorized representative.

*"I certify that this report is true, accurate, and complete to the best of my knowledge and belief."*

| | | | |
|---|---|---|---|
| | | | |
| **Name-Printed** | **Signature** | **Title** | **Date** |

**RO/DAR CERTIFICATION AND SIGNATURE**

**Permittee-Certification:**

☐ The SWPPP is in compliance with the terms and conditions of the Baseline Industrial Storm Water General Permit.

☐ The SWPPP is out of compliance with the terms and conditions of the Baseline Industrial Storm Water General Permit. The SWPPP will be amended and submitted to MDEQ within 30 days of amendment.

*"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 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."*

| | | |
|---|---|---|
| | | |
| **Printed Name of person with Signature Authority or a Duly Authorized Representative[1]** | **Signature of person with Signature Authority or a Duly Authorized Representative[1]** | **Date** |

[1]A person is a Duly Authorized Representative only if 1) the authorization is made in writing and submitted to the permit board by a person described in ACT 16 T-9 [*"Signatory Requirements"*], and 2) the authorization specifies either an individual or a position having responsibility for the overall operation of the regulated activity, such as: manager, operator of a well or well field, superintendent, person of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company.

# APPENDIX F - NON-STORM WATER DISCHARGE EVALUATION

## NON-STORM WATER DISCHARGE EVALUATION FORM

| Outfall No. | Date of Evaluation | Method Used to Test or Evaluate Discharge | If Evaluation is Impossible Give Reason | Is Non-Storm Water Being Discharged?[1] (Yes/No) | List Likely Sources of Non-Storm Water Discharges | Person(s) Who Conducted the Test or Evaluation |
|---|---|---|---|---|---|---|
| SW001 | 09/08/2026 | Visual Inspection | N/A | No | N/A | Jennifer Deignan (Trinity)<br>Chasity Irwin (Trinity)<br>Caitlin Ramsey (Calgon) |
| SW002 | 09/08/2026 | Visual Inspection | N/A | No | N/A | Jennifer Deignan (Trinity)<br>Chasity Irwin (Trinity)<br>Caitlin Ramsey (Calgon) |
| SW003 | 09/08/2026 | Visual Inspection | N/A | No | N/A | Jennifer Deignan (Trinity)<br>Chasity Irwin (Trinity)<br>Caitlin Ramsey (Calgon) |
| SW004 | 09/08/2026 | Visual Inspection | N/A | No | N/A | Jennifer Deignan (Trinity)<br>Chasity Irwin (Trinity)<br>Caitlin Ramsey (Calgon) |
| SW005 | 09/08/2026 | Visual Inspection | N/A | No | N/A | Jennifer Deignan (Trinity)<br>Chasity Irwin (Trinity)<br>Caitlin Ramsey (Calgon) |
| SW006 | 09/08/2026 | Visual Inspection | N/A | No | N/A | Jennifer Deignan (Trinity)<br>Chasity Irwin (Trinity)<br>Caitlin Ramsey (Calgon) |

**I certify under penalty of law that this document was 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.**

| A. Name & Official Title (type or print) | B. Area Code and Telephone No. |
|---|---|
| Jeremy Dolan | (228) 533-7507 |
| **C. Signature** | **D. Date Signed** |
| | |

[1] Allowable non-storm water discharges addressed in an individual NPDES permit are not included in this evaluation.

# APPENDIX G – MONITORING RESULTS

# APPENDIX H - INDUSTRIAL STORM WATER GENERAL PERMIT FOR INDUSTRIAL ACTIVITIES

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

# INDUSTRIAL STORM WATER GENERAL PERMIT FOR INDUSTRIAL ACTIVITES

## THIS CERTIFIES THAT

FACILITIES OR PROJECTS ISSUED A CERTIFICATE OF PERMIT COVERAGE UNDER THIS PERMIT ARE GRANTED PERMISSION TO DISCHARGE STORM WATER ASSOCIATED WITH INDUSTRIAL ACTIVITIES INTO STATE WATERS IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES);

in accordance with effluent limitations, inspection requirements and other conditions set forth in herein. This permit is issued 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.

**Mississippi Environmental Quality Permit Board**

Krystal Rudolph

**Authorized Signature**

**Mississippi Department of Environmental Quality**

Issued: December 10, 2020

Permit No. MSR00

Expires: November 30, 2025

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Industrial Stormwater
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## ACT1 (ISGP) Introduction:

T-1 INTRODUCTION:

This Industrial Stormwater General Permit authorizes stormwater discharges associated with industrial activity. Discharges associated with industrial activities, listed in 40 CFR 122.26 (b) (14) (i - xi, except x) will require National Pollutant Discharge Elimination System (NPDES) stormwater discharge permits if material handling equipment or activities, raw materials, intermediate products, final products, waste materials, by-products, or industrial machinery are exposed to stormwater. Industrial operators claiming "no exposure" are required to submit written certification (see ACT 2, T-6 - No Exposure Provision). Stormwater discharges that enter state waters or stormwater conveyance systems leading to state waters are subject to regulation and compliance with the conditions set forth in this permit.

This permit also authorizes stormwater discharges from other industrial activities, designated by the Executive Director based on the potential for contribution to an excursion of a water quality standard or for significant contribution of pollutants to state waters. This permit replaces the previous Industrial Stormwater General Permit that expired on October 31, 2020.
[11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT2 (ISGP) Permit Applicability and Coverage:**

T-1 PERMIT AREA:

The Industrial Stormwater General Permit covers all areas of the State of Mississippi. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-2 ELIGIBILITY:

(1) Discharges composed entirely of stormwater and allowable non-stormwater discharges identified in T-3 of this ACT. Discharges associated with industrial activities may be commingled with non-regulated stormwater and with industrial wastewaters covered under another permit. The discharges must not cause or contribute to violations of State Water Quality Standards.

(2) A facility is eligible for coverage under this general permit for discharges of pollutants of concern to water bodies for which there is an EPA-approved Total Maximum Daily Load (TMDL) if measures and controls are incorporated that are consistent with the assumptions and requirements of such TMDL. To be eligible for coverage under this general permit, the facility must incorporate in the Stormwater Pollution Prevention Plan (SWPPP) and/or effluent limitation any conditions applicable to any discharge(s) necessary for consistency with the assumptions and requirements of such TMDL. If a specific wasteload allocation is established that would apply to the facility's discharge subsequent to coverage issuance, the facility must implement steps necessary to meet that allocation.
[11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT2 (continued):**

T-3 (3) Allowable non-stormwater discharges (listed below) provided they do not cause or contribute to a violation of water quality standards.

Discharges from actual fire-fighting activities
Fire hydrant flushings
Water used to control dust
Potable water sources including uncontaminated water line flushing
Routine external building wash down that does not use detergents
Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where surface waters are not impacted by pollutants associated with industrial activities and hazardous cleaning products
Uncontaminated air conditioning or compressor condensate
Incidental windblown mist from cooling towers that collects on rooftops or adjacent portions of the facility, but NOT intentional discharges from the cooling tower (e.g., "piped" cooling tower blowdown or drains)
Uncontaminated ground water or spring water
Foundation or footing drains where flows are not contaminated with process materials such as solvents
Uncontaminated excavation dewatering
Landscape irrigation
Water used to wash vehicles where surface waters are not impacted by pollutants associated with industrial activities and hazardous cleaning products

As noted in ACT5, T-9 (11), the above non-stormwater discharges should be eliminated or reduced to the extent feasible. The Permit Board staff will review the above discharges on a case by case basis and may require the coverage recipient to apply for and obtain either an individual or an alternative general NPDES permit as provided in ACT3, S-2. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT2 (continued):**

T-4 THIS PERMIT DOES NOT AUTHORIZE:

(1) Stormwater discharges from the following industrial activities are not eligible for coverage by this permit.

(A) Construction, landfills not covered by ACT 6 of this permit, mining, ready-mix or hot mix asphalt facilities or other activities requiring stormwater coverage under a different general permit,

(B) Discharges to Federal CERCLA sites.

(C) Facilities with effluent guideline limitations for stormwater. The following effluent guideline limitations address stormwater: cement manufacturing (40 CFR Part 411); feedlots (40 CFR Part 412); fertilizer manufacturing (40 CFR Part 418); petroleum refining (40 CFR Part 419); phosphate manufacturing (40 CFR Part 422); coal mining (40 CFR Part 434); mineral mining and processing (40 CFR Part 436); ore mining and dressing (40 CFR Part 440); and paving and roofing materials (40 CFR Part 443),

(D) Facilities with an active individual or alternative general permit for stormwater discharges,

(E) Facilities that MDEQ has shown to be or may reasonably be expected to be contributing to a water quality standard violation, and

(F) Inactive mining or inactive oil and gas operations occurring on federal lands where an operator cannot be identified.

(2) Discharges which result in violation of State Water Quality Standards. If a discharge authorized under this permit is later determined to cause or have the reasonable potential to cause or contribute to the violation of an applicable water quality standard, MDEQ will notify the regulated entity of such water quality violation(s) in writing and will provide the information used by MDEQ to make this determination. The regulated entity must take all necessary actions required to ensure future discharges do not cause or contribute to the violation of a water quality standard. If such violations remain or re-occur, then additional measures, such as the addition of BMPs or the requirement to obtain an individual permit, may be required by the Permit Board. Compliance with this requirement does not preclude any enforcement activity as provided by the Clean Water Act for the underlying violation.

(3) Activities that affect waters of the State, including wetlands, without obtaining the necessary U.S. Army Corps of Engineers (COE) individual Section 404 permit or coverage under a COE nationwide or general permit. Appropriate documentation must be submitted with the Industrial Stormwater Notice of Intent (ISNOI). [11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT2 (continued):**

T-5 (4) Discharges or discharge-related activities that are likely to jeopardize the continued existence of any species that is listed as endangered or threatened under the Endangered Species Act (ESA) or result in the adverse modification or destruction of habitat that is designated as critical under the ESA. Coverage under this permit is available only if the regulated entity's stormwater discharges, allowable non-stormwater discharges, and discharge-related activities are not likely to jeopardize the continued existence of any species that is listed as endangered or threatened ("listed") under the ESA or result in the adverse modification or destruction of habitat that is designated as critical under the ESA ("critical habitat"). Submission of a signed NOI will be deemed to constitute the regulated entity's certification of eligibility. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-6 NO EXPOSURE PROVISION:

Phase II of the Stormwater Regulations at 40 CFR 122.26(g) provides a conditional exemption applicable to all categories of industrial activity listed in 40 CFR 122.26(b)(14), except construction. Facilities with stormwater discharges associated with industrial activity are not required to obtain coverage if there is no exposure of industrial materials and activities to rain and/or runoff. Industrial operators claiming no exposure are required to submit written certification that a condition of no exposure exists at their facility/site. To qualify for this exclusion, a No Exposure Certification Form (Industrial Stormwater Forms Package) must be submitted.
This certification form must be resubmitted every five (5) years.

In the event regulated activities become no longer exposed to stormwater, the facility may request termination of the Industrial Stormwater coverage in accordance with the provisions of ACT15 and submit a No Exposure Certification. Until receipt of written termination of coverage from MDEQ, the facility must continue to comply with the conditions of this permit.

The No Exposure Certification is non-transferable. In the event that ownership changes, the new owner must submit a new certification. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT3 (ISGP) Obtaining Coverage:**

S-1 OBTAINING AUTHORIZATION:

(1) Owners and/or operators desiring coverage for stormwater discharges associated with industrial activity under this general permit must submit an Industrial Stormwater Notice of Intent (ISNOI) and other required submittals in accordance with the requirements of this permit.

(2) Upon review of the Industrial Stormwater Notice of Intent (ISNOI) and other required submittals, MDEQ staff may require additional information, recommend that coverage not be granted and/or that an alternate permit would be more appropriate. The MDEQ staff recommendations may be brought before the Mississippi Environmental Quality Permit Board (Permit Board) for review and consideration at a regularly scheduled meeting, or at a special meeting at its discretion.

(3) Coverage under this permit will not be granted until all other required MDEQ permits, certifications and approvals are satisfactorily addressed.

(4) Owners or operators are authorized to discharge stormwater associated with industrial activity under the terms and conditions of this permit only upon receipt of written notification of approval of coverage by the Permit Board staff. Discharge of stormwater without written notification of coverage under this permit, or issuance of an individual NPDES Stormwater Permit constitutes a violation of the Mississippi Air and Water Pollution Control Law 49-17-29(2)(b). [11 Miss. Admin. Code Pt. 6, Ch. 1.]

S-2 REQUIRING AN INDIVIDUAL PERMIT OR ALTERNATIVE GENERAL PERMIT:

(1) The Permit Board may require any coverage recipient to apply for and obtain either an individual or an alternative general NPDES permit. Any interested person may petition the Permit Board to take action under this paragraph. The Permit Board may require any coverage recipient to apply for an individual NPDES permit only if the coverage recipient has been notified in writing. Such notice shall include reasons for the Permit Board's decision, an application form and a filing deadline. The Permit Board may grant additional time at its discretion, upon request. If a coverage recipient fails to submit a requested application in a timely manner, coverage under this permit is automatically terminated at the end of the day specified for application submittal.

(2) Any coverage recipient may request to be excluded from permit coverage by applying for an individual permit or coverage under another general permit. The applicant shall submit an individual application (EPA Forms 1 and 2F) or appropriate general permit Notice of Intent Form.

**ACT3 (continued):**

(3) Coverage under this permit is automatically terminated on the issuance date of the respective alternative individual or general permit. When the request for an alternative individual or general permit is denied, coverage under this permit continues unless terminated by the Permit Board. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

S-3 HOW TO REQUEST SUBSEQUENT RECOVERAGE OF REISSUED PERMIT:

Once the Industrial Stormwater General Permit is reissued, MDEQ will provide a Letter of Instruction to active coverage recipients, outlining the process for obtaining coverage under the reissued permit. Failure to comply with the provisions of the Letter of Instruction may constitute a violation of the conditions of this permit. Unless specifically requested to do so, resubmittal of the Stormwater Pollution Prevention Plan (SWPPP) is not required if the SWPPP is on-site, current, adequately addresses the sources of pollution at the facility and is fully compliant with the terms and conditions of the reissued permit.

If this permit is not reissued prior to the expiration date, it will be administratively continued in accordance with ACT16 Condition T-22. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT4 (ISGP) Notice of Intent (ISNOI):**

S-1 ISNOI SUBMITTAL:

Facilities desiring coverage for stormwater discharges associated with industrial activity under this permit should submit an ISNOI Form at least 60 days prior to the commencement of the regulated industrial activity. Existing facilities that do not have coverage or are covered by an individual permit or another general permit and wish coverage under the Industrial Stormwater General Permit shall allow for a 60 day review period by MDEQ staff. The ISNOI Form can be found in the Industrial Stormwater Forms Package, which can be obtained from MDEQ at the address given in T-2 of this ACT or from the MDEQ website at https://www.mdeq.ms.gov/industrial-stormwater/. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

S-2 REQUIRED SUBMITTALS WITH THE ISNOI:

Submittals required with a completed ISNOI include:

(1) A Stormwater Pollution Prevention Plan (SWPPP) prepared in accordance with ACT5 of this permit,

(2) A United States Geological Survey (USGS) quad map, or photocopy, extending at least 1/2 mile beyond the facility property boundaries with the site location outlined or highlighted, and

(3) A detailed site drawing prepared in accordance with ACT5, T-4 (6). [11 Miss. Admin. Code Pt. 6, Ch. 1.]

S-3 EXPANSION AND/OR MODIFICATION NOTIFICATION:

The coverage recipient must notify the Permit Board by submittal of an appropriate form at least 30 days before:

(1) Any planned change in industrial processes that may affect stormwater quality,

(2) Any change in the area of the footprint of the facility identified the original submittal,

(3) Any planned changes of ownership or,

(4) Any changes in information previously submitted in the ISNOI. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT4 (continued):**

T-1 WHERE TO OBTAIN THE ISNOI FORMS:

ISNOI Forms can be found in the Industrial Stormwater Forms Package, which can be obtained from the MDEQ at the address shown below or by calling 601/961-5171. ISNOI forms, as well as the general permit and guidance manual, may be found on the MDEQ web site at https://www.mdeq.ms.gov/industrial-stormwater/ [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-2 WHERE TO SUBMIT THE ISNOI:

Complete and appropriately signed ISNOI Forms must be submitted to:

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

For priority or overnight deliveries, the physical address is:

515 East Amite Street
Jackson, Mississippi 39201. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

In addition to mailing paper, electronic submittals are also recommended. Electronic submittals can be submitted at the following link: https://www.mdeq.ms.gov/industrial-stormwater/ After December 20, 2025 (or a later date specified by EPA), these forms shall be submitted by the coverage recipient electronically as instructed by MDEQ. [11 Miss. Admin. Code Pt. 6, Ch. 1., 40 CFR Part 122.26(g)(1)(iii), 40 CFR Part 122.28(b)(2), 40 CFR Part 122.64(c)]

T-3 FAILURE TO NOTIFY:

Persons who discharge stormwater associated with industrial activity to waters of the State without an NPDES permit are in violation of the Mississippi Air and Water Pollution Control Law 49-17-29(2)(b). [11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT5 (ISGP) Stormwater Pollution Prevention Plan (SWPPP) Development and Content:**

T-1 STORMWATER POLLUTION PREVENTION PLAN (SWPPP) DEVELOPMENT:

A SWPPP shall be developed and implemented for each facility subject to this permit. A SWPPP shall be prepared in accordance with sound engineering practices and shall identify potential sources of pollution, which may reasonably be expected to affect the quality of stormwater discharges associated with industrial activity from the facility. The SWPPP shall describe and ensure the implementation of best management practices which will reduce pollutants in stormwater discharges and assure compliance with the terms and conditions of this permit. For assistance in developing a SWPPP, applicants are encouraged to reference the Mississippi Stormwater Pollution Prevention Plan (SWPPP) Guidance Manual for Industrial Facilities or other recognized manual of design, such as EPA's "Developing Your Stormwater Pollution Prevention Plan" (February, 2009), which are available at: https://www.mdeq.ms.gov/industrial-stormwater/ [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-2 MINIMUM SWPPP COMPONENTS/DESCRIPTION OF POTENTIAL POLLUTANT SOURCES:

Each plan shall identify all activities and significant materials which may potentially pollute stormwater discharges, including:

(1) A list of industrial activities exposed to stormwater (e.g., storage; equipment fueling; maintenance and cleaning; loading/unloading; process areas, discharge location, etc.);

(2) A list of the materials and pollutants associated with each of the activities identified above (e.g., used oil, zinc, sulfuric acid, solvents, etc.);

(3) A narrative description of the materials and pollutants identified above. The narrative shall include, but not be limited to:

(A) Method of storage or disposal,

(B) Management practices employed to minimize contact of these materials with stormwater,

(C) Existing structural and non-structural control measures to reduce pollutants in stormwater runoff, and

(D) Any treatment the stormwater receives. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT5 (continued):**

T-3 (4) 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 Industrial Stormwater Forms Package, which can be found on the MDEQ website at https://www.mdeq.ms.gov/industrial-stormwater/. 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;

(5) An updated summary of all stormwater sampling data (if available), including a description of associated pollutants of concern (see ACT17, T-15 Definitions).

T-4 (6) The owner or operator shall prepare a detailed scaled site map showing the property layout with site boundaries and indicating the following features:

(A) Surface water bodies,

(B) Drainage area of each stormwater outfall identified by number,

(C) Direction of flow for each area (designated by arrow),

(D) Location and a description of existing structural and nonstructural control measures to reduce pollutants in stormwater runoff,

(E) Location of any stormwater treatment activities,

(F) Location of any storm drain inlets,

(G) Location of industrial activities, such as:
- (i) Fuel storage and dispensing locations,
- (ii) Vehicle/equipment repair, maintenance and cleaning areas,
- (iii) Materials storage and handing areas,
- (iv) Loading/unloading areas,
- (v) Process or manufacturing areas,

(H) Location of housekeeping practices,

**ACT5 (continued):**

(I) Stormwater conveyances (ditches, pipes, & swales), and

T-5 (J) Any post-construction control measures.

(7) A topographic map extending at least 1/2 mile beyond the facility property boundaries. This may be part of the above required site map; and

(8) A summary of the types of pollutants likely to be present for each area of the facility generating stormwater discharges with a reasonable potential for containing significant amounts of pollutants. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-6 MINIMUM SWPPP COMPONENTS/DESCRIPTION OF STORMWATER MANAGEMENT CONTROLS:

The coverage recipient shall describe appropriate stormwater management controls addressing identified potential pollution sources and implement such controls. The description shall include a schedule for implementing the following minimum components:

(1) Pollution Prevention Manager/Committee. The SWPPP shall specify individual(s) responsible for developing the SWPPP and assisting the facility manager in its implementation, maintenance, and revision.

(2) Risk Identification and Assessment/Material Inventory. The SWPPP shall 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 waste disposal practices. Factors to consider include the toxicity and quantity of chemicals used, produced, or discharged, the likelihood of contact with stormwater and history of significant leaks or spills of toxic or hazardous pollutants. The plan shall include an inventory of materials handled. Based on the Risk Identification and Material Inventory, the plan shall specify management controls, and, if necessary, structural controls to reduce or eliminate the potential for pollutants in the stormwater discharges.

(3) Sediment and Erosion Prevention. The SWPPP shall identify areas with a high potential for soil erosion, and specify prevention measures to limit erosion (using grading, berming or curbing to prevent runoff of contaminated flows and divert run-on away from these areas; locate materials, equipment, and activities so that potential leaks and spills are contained or able to be contained or diverted before discharge; etc.).

(4) Preventive Maintenance. A preventive maintenance program shall require inspection and maintenance of stormwater management devices (cleaning oil/water separators, catch basins, etc.) and the inspecting and testing of equipment to preclude breakdowns or failures that may cause pollution.

**ACT5 (continued):**

T-7 (5) Good Housekeeping. The owner or operator shall describe and list practices appropriate to prevent pollutants from entering stormwater from industrial activities due to poor housekeeping. The owner or operator shall:

(A) Designate areas for equipment maintenance and repair;

(B) Provide waste receptacles at convenient locations (outdoor waste receptacles must be covered).

(C) Provide regular collection of waste;

(D) Provide protected storage areas for chemicals, paints, solvents, fertilizers, and other potentially toxic materials;

(E) Provide adequately maintained sanitary facilities;

(F) Provide secondary containment around any on-site single fuel or chemical container with a capacity greater than 660 gallons or any combination of containers which has an above ground bulk storage capacity of more than 1,320 gallons; and

(G) Provide secondary containment for raw material stockpiles (if required to prevent material from entering waters of the State).

(6) Spill Prevention and Response Procedures. The SWPPP shall clearly identify potential spill areas and their drainage points. The plan should specify material handling procedures and storage requirements. Procedures for cleaning up spills shall be identified and made available to the appropriate personnel. The necessary clean up equipment should be available to personnel.

(7) Employee Training. The SWPPP shall specify periodic training for personnel that are responsible for implementing and/or complying with the requirements of the SWPPP (see ACT14).

(8) Illicit Connections- Evaluation and Certification. The coverage recipient shall certify at least every five (5) years that stormwater discharges have been evaluated for the presence of non-allowable, non-stormwater discharges. The certification shall include method(s) of evaluation, date(s), observation point(s) and result(s). The evaluation method(s) may include, but not be limited to, one or more of the following dry weather screening methods: 1) visual inspection, 2) plant schematic review, and 3) dye testing. The certification shall be filed on-site with the SWPPP and made available to MDEQ personnel for inspection upon request.

This certification may not be feasible if the coverage recipient does not have access to the discharge before it enters the ultimate receiving conduit. In such cases, the SWPPP shall include why the certification required by this part was not feasible. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT5 (continued):**

T-8 (9) Routine Visual Site Inspections. The purpose of conducting visual site inspections is to make sure stormwater discharges are free from objectionable characteristics in observable amounts (i.e., turbidity, color, sheen, etc.). The SWPPP shall describe the policy and procedures for routine visual site inspections, including frequencies and areas to be inspected. Areas to be inspected must include all industrial activities exposed to stormwater identified in ACT5, T-2 (1). These areas must be checked for evidence of pollutants entering the stormwater drainage system and also identify conditions which may give rise to contamination of stormwater runoff.

The frequency of inspections shall be performed as often as needed but no less than once monthly. If feasible, the inspections should be conducted during or after storm events. As part of the inspection, stormwater should be collected in a clean, clear jar and examined in a well-lit area. The SWPPP should outline procedures consistent with the requirements of ACT10, R-1 to investigate, correct and document instances in which visible pollutants are observed.

T-9 (10) Stormwater Management. The SWPPP should provide for the management of stormwater volume through its diversion, infiltration, storage or re-use.

(11) Non-Stormwater Discharge Management. The SWPPP must identify any allowable non-stormwater discharges, identified in ACT 2, T-3, except for flows from actual firefighting activities, which are combined with stormwater discharges associated with industrial activity at the site. Non-stormwater discharges should be eliminated or reduced to the extent feasible. The SWPPP must identify and ensure the implementation of appropriate Best Management Practices (BMPs) for the non-stormwater component of the discharge. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT6 (ISGP) Additional SWPPP Requirements for Rubbish Sites Accepting Industrial Waste:**

The conditions of ACT6 are applicable to rubbish sites accepting Industrial Waste as regulated by Nonhazardous Solid Waste Management Regulations. These conditions do not apply to other facilities.

Narrative Requirements:

T-1 EROSION AND SEDIMENT CONTROLS

The owner or operator shall design, install, and maintain controls in accordance with the standards set forth in the most recent edition of Mississippi's "Erosion Control, Sediment Control and Stormwater Management on Construction Sites and Urban Areas (Three Volumes)," other recognized manuals for storm water controls design, or provide a design that has been certified by a Mississippi registered professional engineer. “Erosion Control, Sediment Control and Stormwater Management on Construction Sites and Urban Areas (Three Volumes)” can be accessed at www.mdeq.ms.gov/industrial-stormwater. These controls shall be appropriate for the facility’s disposal and ancillary operations to prevent such materials from entering state waters and in a manner consistent with the Mississippi Solid Waste Disposal Act, the Federal Resource Conservation and Recovery Act, and the Mississippi Water Pollution Control Act. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-2 The SWPPP shall list and describe site-specific controls appropriate for the facility activities as well as the procedures for implementing such controls. Controls shall be designed, installed, and maintained to retain sediment on-site and to minimize the discharge of pollutants. The SWPPP shall provide temporary stabilization (e.g. temporary seeding, mulching, and placing geotextiles on the inactive portions of stockpiles) for the following in order to minimize discharges of pollutants in stormwater; materials stockpiled for daily, intermediate, and final cover; inactive areas of the landfill or open dump; landfills or open dump areas that have gotten final covers but where vegetation has yet to be established itself; and land application sites where waste application has been completed but final vegetation has not yet been established. If any of the below controls cannot be implemented on the site, the SWPPP must include written justification as to why site-specific constraints and/or costs make the control(s) infeasible. At a minimum, such controls must be designed, installed and maintained to:

(1) Control storm water volume and velocity within the site to minimize soil erosion;
(2) Control storm water discharges, including both peak flow rates and total storm water volume, to minimize erosion at outlets and to minimize downstream channel and stream bank erosion;
(3) Minimize the amount of soil exposed during the facility’s activity;
(4) Minimize the disturbance of steep slopes;

**ACT6 (continued)**

(5) Minimize sediment discharges from the site. The design, installation and maintenance of erosion and sediment controls must address factors such as the amount, frequency, intensity and duration of precipitation, the nature of resulting storm water runoff, and soil characteristics, including the range of soil particle sizes expected to be present on the site;
(6) Provide and maintain natural buffers around surface waters, direct storm water to vegetated areas to increase sediment removal and maximize storm water infiltration, unless infeasible;
(7) Minimize soil compaction and, unless infeasible, preserve topsoil;
(8) Direct storm water to vegetated areas, brush barriers, silt fences, hay bales, etc. to aid in the filtration, infiltration, velocity reduction and diffusion of the discharge;
(9) Transport runoff down steep slopes through lined channels or piping;
(10) Minimize off-site vehicle tracking of sediments. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-3 As a minimum, the controls must be in accordance with the standards set forth in the most current edition of the "Erosion Control, Sediment Control and the Stormwater Management on Construction Sites and Urban Areas (Three Volumes)" or other recognized manual of design. The SWPPP shall address the following minimum components:

(1) A scaled site map shall be prepared showing boundaries of property and the facility boundaries covered under the Class I/Class II Rubbish Site General Permit, buffer zone compliance, original and proposed contours (if practicable), drainage patterns, adjacent receiving water bodies, north arrow, all erosion and sediment controls (vegetative and structural), and the location of housekeeping practices.

(2) Structural practices shall divert flows from exposed soils, store flows or otherwise limit runoff from exposed areas. Such practices may include, but are not limited to, silt fences, earth dikes, brush barriers, drainage swales, check dams, subsurface drains, pipe slope drains, level spreaders, drain inlet protection, outlet protection, detention/retention basins, sediment traps, temporary sediment basins or equivalent sediment control.

(A) For drainage locations (a drainage point at boundary of land disturbing activity) that serve an area with ten (10) or more disturbed acres at one time, a temporary (or permanent) sediment basin providing at least 3,600 cubic feet (133 cubic yards) of storage per acre drained shall be provided until final stabilization of the site. Sediment basins must be installed before initial site grading and utilize outlet structures that withdraw water from the surface and that are designed for a minimum 2-year, 24-hour storm event.

**ACT6 (continued)**

(B) Construction entrances/exits shall be installed wherever traffic will be leaving a construction site and moving directly onto a paved public road.
(C) Storm Drain Inlets-Inlets that could receive storm water from construction activities shall be protected by surrounding or covering with a filter material until "close-out" has been achieved. [11 Miss. Admin. Code Pt. 6, R. 1]

(D) Perimeter Controls-Natural areas shall be maintained and supplemented with silt fence and fiber rolls around project perimeter. If not feasible to maintain natural areas, a silt fence or similar controls, such as fiber rolls, are sufficient.

(3) Vegetative practices shall be designed to preserve existing vegetative where possible and re-vegetate disturbed areas as soon as practicable after clearing, grading, excavating or other land disturbing activities. Such practice may include, but are not limited to, surface roughing, temporary seeding, permanent seeding, mulching sod stabilization, vegetative buffer strips, protection of trees, and topsoil preservation.

T-4 Prepare Scaled Site Map(s):

In addition to the requirements of ACT5 Condition T-4, the owner or operator shall include in the prepared scaled site map:

(1) Boundaries of property (barrow area(s), permitted disposal area(s), haul road(s), etc.),
(2) Location of all rubbish site erosion and sediment controls,
(3) The type, location, and controls used for all recyclable material being stored on site (i.e. concrete, wood, metal, etc.)

T-5 Maintenance and Weekly Inspections:

The SWPPP shall describe procedures to maintain erosion and sediment controls and other protective measures. Procedures shall provide that al controls and outfalls/discharge points are inspected after rain events that produce a discharge and at least weekly for all areas not stabilized. Any stabilized area (i.e. - permanent vegetation established on exposed soils) may be inspected monthly in accordance with ACT10, T-1.

Any poorly functioning erosion controls or sediment controls, non-compliant discharges, or any other deficiencies observed during the inspections required under this permit shall be corrected as soon as possible, but not to exceed 24 hours of the inspection unless prevented by unsafe weather conditions as documented on the inspection form.

**ACT6 (cont.)**

In the event of an unanticipated breach of a sediment basin/pond temporary containment measures shall be taken within 24 hours after the inspection. Permanent corrective measures shall be implemented within five (5) days of the inspection; however, if permanent corrective measures cannot be implemented within the timeframes provided herein the owner or operator shall contact MDEQ [11 Miss. Admin. Code Pt. 6, R. 1]

T-6 Implementation Sequence and Final Stabilization

The SWPPP shall describe an implementation sequence for the development, use, and closure of individual waste management unit within the rubbish facility. Additionally, the SWPPP shall describe a plan for the final vegetative stabilization of the site in accordance with ACT-15 Condition S-1.

R-1 IMPLEMENTATION OF CONTROLS:

The SWPPP shall require the owner/operator during facility construction, and subsequent facility cell construction, (e.g. clearing and grubbing) to implement controls necessary to mitigate erosion and adverse impacts to offsite areas and receiving streams. During facility operations, vegetative and structural practices shall be maintained as set forth in the approved SWPPP. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT7 (ISGP) Additional SWPPP Requirements for Automobile Salvage Yards:**

The conditions of ACT7 are applicable to Automobile Salvage Yard (Primarily SIC Code 5015, but also any facilities having activities related to dismantling used automobiles for the purpose of selling parts or wholesale/retail distribution of used automobile parts). These conditions do not apply to other facilities.

Narrative Requirements:

T-1 As a minimum, the controls must be in accordance with the standards set forth in the most current edition of the "Erosion Control, Sediment Control and the Stormwater Management on Construction Sites and Urban Areas (Three Volumes)" or other recognized manual of design. The SWPPP shall also address the following minimum components:

(1) Spill and Leak Prevention practices shall be described in SWPPP for draining vehicles of automotive fluid as soon as practicable to prevent spill and leaks or shall provide an equivalent measure to prevent spill and leaks.

(2) An Employee Training Plan, if applicable to the facility, shall address the proper handling (collection, storage, and disposal) of motor fluids (used oil, anti-freeze, etc.), mercury switches, and used solvents in addition to the Employee Training requirements found in ACT 14 S-2.

T-2 Prepare Scaled Site Map(s):

In addition to the requirements of ACT5 Condition T-4, the owner or operator shall identify the following areas (if applicable) on the detailed site map as required by ACT5, T-4 and detail BMPs implemented to prevent pollution from leaving the site:

(3) Areas used for automotive dismantling or fluid draining
(4) Areas used for storing automotive parts
(5) Areas used for automotive fluid storage including tanks or drums
(6) Areas used for battery storage
(7) Areas used for fueling

**ACT7 (cont.)**

T-3 Maintenance and Weekly Inspections:

The SWPPP shall describe procedures to maintain erosion and sediment controls and other protective measures. Procedures shall provide that all controls and outfalls/discharge points are inspected after rain events that produce a discharge and at least weekly for all areas not stabilized. Stabilization measures include permanent vegetative cover, gravel or limestone cover or other impervious surface cover. Any stabilized area (i.e. - permanent vegetation established on exposed soils) may be inspected monthly in accordance with ACT10, R-1.

Vehicles should be inspected for leaks upon arriving at the facility or as soon as practicable. Additionally automobile storage areas, automotive fluid storage areas (tanks, drums, and other vessels), and any equipment containing oily part should be inspected as part of the monthly site inspection as required by ACT10 R-1. Any spill or leaks should be documented on the Monthly Spill and Leak Log Sheet required by ACT 5 T-3 and corrected within 14 days unless it immediately threated Stormwater in which case it should be corrected as soon as possible.

**ACT8 (ISGP) Additional SWPPP Requirements for Facilities Subject to SARA Title III, Section 313:**

T-1 NARRATIVE REQUIREMENTS:

(1) Section 313 Water Priority Chemicals (see ACT17, T-17 Definitions). In areas where these chemicals are stored, processed or handled the following must be provided - appropriate containment, drainage control and/or diversionary structures. The SWPPP shall identify preventive systems or its equivalent which are used. Preventative systems include:

(A) Curbing, culverting, gutters, sewers or other forms of drainage control to prevent or minimize the potential for stormwater run-on to contact significant sources of pollutants; and

(B) Roofs, covers or other appropriate means to protect storage piles from exposure to stormwater and wind.

(2) Liquid Storage Areas Exposed to Stormwater. No tank or container shall be used for the storage of a Section 313 Water Priority Chemical unless its material and construction are compatible with the material stored and conditions of storage, such as pressure and temperature, etc. Appropriate measures shall be taken to minimize discharges of Section 313 Water Priority Chemicals, which may include secondary containment providing for at least the entire contents of the largest single tank and precipitation, a strong spill contingency and integrity testing plan, and/or other equivalent measures. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-2 (3) Non-Liquid Material Storage Areas. Material storage areas subject to runoff, leaching or wind shall incorporate drainage or other control features that will minimize the discharge of Section 313 Water Priority Chemicals. Drainage control shall minimize stormwater contact with these chemicals.

(4) Truck and Rail Car Loading and Unloading Areas. Loading and unloading areas shall be operated to minimize discharges of liquid Section 313 Water Priority Chemicals. Overhangs or door skirts to enclose trailer ends at loading/unloading docks shall be provided as appropriate. Other controls may include the use and proper maintenance of drip pans where spillage may occur, such as when making or breaking hose connections, and/or strong spill contingency and integrity testing plan.

(5) Areas Where Section 313 Water Priority Chemicals are Transferred, Processed, or Otherwise Handled. Piping, processing and handling equipment shall be designed and operated so as to prevent discharges of Section 313 Water Priority Chemicals. Materials used in piping and equipment shall be compatible with the substances handled. Drainage from process and materials handling areas shall minimize stormwater contact with Section 313 Water Priority Chemicals. Additional protection such as covers or guards to prevent exposure to wind, spraying or releases from pressure relief vents shall be provided as appropriate. Visual inspections or leak tests shall be provided for overhead piping conveying Section 313 Water Priority Chemicals without secondary containment. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT8 (continued):**

T-3 (6) Discharges from Areas Covered by Conditions (2), (3), (4) or (5) of this ACT shall comply with the following:

(A) Drainage from these areas shall be restrained by valves or other means to prevent a spill or excessive leakage of Section 313 Water Priority Chemicals into the drainage system. Pumps or ejectors may empty containment areas; however, these must be manually activated.

(B) Flapper-type drain valves shall not be used to drain containment areas. Valves used for the drainage of containment areas shall be of manual, open-and-close design.

(C) If plan drainage is not engineered as above, the final discharge of all facility storm sewers shall be equipped, in the event of an uncontrolled spill of Section 313 Water Priority Chemicals, to return the spilled material to the facility.

(7) Other Areas, Which May Contain Runoff of Section 313 Water Priority Chemicals. Drainage or other controls to prevent or mitigate polluted runoff or leachate shall be incorporated.

T-4 (8) Preventive Maintenance and Housekeeping. All areas of the facility shall be inspected at specific intervals for leaks or conditions that could lead to discharges of Section 313 Water Priority Chemicals or direct contact of stormwater with raw materials, intermediate materials, waste materials or products. In particular, facility piping, pumps, storage tanks and bins, pressure vessels, process and material handling equipment, and material bulk storage area shall be examined for any conditions or failures which could cause a discharge. Inspection shall include examination for leaks, corrosion, support or foundation failure, or other forms of deterioration or noncontainment. Inspection intervals shall be specified in the plan and shall be based on design and operational experience. Different areas may require different inspection intervals. Where a leak or other condition is discovered which may result in significant releases of Section 313 Water Priority Chemicals to the drainage system, corrective action shall be immediately taken or the unit or process shut down until corrective action can be taken. When a leak or noncontainment of a Section 313 Water Priority Chemical has occurred, contaminated soil, debris, or other material must be promptly removed and disposed of in accordance with Federal, State, and local requirements and as described in the plan. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

(9) Facility Security. Facilities shall have the necessary security systems to prevent accidental or intentional entry that could cause a discharge. Security systems described in the plan shall address fencing, lighting, vehicular traffic control, and securing of equipment and buildings.

(10) Training. Facility employees and contractor personnel shall be trained in preventive measures. Training shall be conducted at least annually on pollution control laws and regulations, the stormwater pollution prevention plan and the particular features of the facility and its operation which are designed to prevent spills and discharges of Section 313 Water Priority Chemicals.

**ACT8 (continued):**

T-5 (11) Change of Applicability Status. If pollution prevention measures or process changes result in the requirements of SARA Title III, Section 313 no longer being applicable, then the facility is no longer subject to the additional requirements of this part. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT9 (ISGP) Stormwater Pollution Prevention Plan (SWPPP) Implementation Requirements:**

S-1 The coverage recipient shall:

(1) Implement the SWPPP and retain a copy of the SWPPP at the permitted site. Failure to implement the SWPPP is a violation of permit requirements. A copy of the SWPPP must be made available to the MDEQ inspectors for review at the time of an on-site inspection.

(2) Comply with the terms of the SWPPP upon commencement of the regulated activity.

(3) If notified at any time by the Executive Director of the MDEQ that the SWPPP does not meet the minimum requirements, amend the SWPPP and certify in writing to the Executive Director that the requested changes have been made. Unless otherwise provided, the coverage recipient shall have 30 days to make the requested changes.

(4) Amend the SWPPP whenever there is a change in design, construction, operation, or maintenance, or the SWPPP proves to be ineffective in controlling stormwater pollutants. The coverage recipient shall submit it to the MDEQ within 30 days of amendment.

(5) If after coverage issuance, a specific wasteload allocation is established that would apply to the facility's discharge, the facility must implement steps necessary to meet that allocation.

(6) Submit any new stormwater sampling data within 90 days of sampling. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

S-2 SWPPP COMPLIANCE WITH LOCAL STORMWATER ORDINANCES:

(1) The SWPPP shall be in compliance with all local stormwater ordinances.

(2) When stormwater discharges into a Municipal Separate Storm Sewer System (MS4), the coverage recipient shall make the SWPPP available to the local authority upon request. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

## ACT10 (ISGP) Site Inspections and SWPPP Evaluation:

R-1 MONTHLY SITE INSPECTIONS:

Routine visual site inspections shall be performed at a minimum of once per month to ensure the effectiveness of the SWPPP's design and implementation by an authorized authority listed in the Employee Training Log. Additional inspection requirements for Rubbish Sites Accepting Industrial Waste may be found in ACT 6 Condition (T-6). Additional inspection requirements for Automotive Salvage Yards may be found in ACT 7 Condition (T-3). If feasible, the inspections should be conducted during or after storm events. All areas contributing to stormwater discharges associated with industrial activity (including, but not limited to, ground storage piles, tanks, hoppers, silos, dust containment/collection systems, cleaning and maintenance areas) must be visually inspected as often as needed, but no less than once monthly. The inspection must evaluate whether the SWPPP adequately minimizes pollutant loadings and is properly implemented in accordance with the terms of this permit or whether additional control measures are needed. This includes observing stormwater discharges for obvious industrial stormwater pollution such as color, lack of clarity, floating solids, settled solids, suspended solids, foam, odor, and oil sheens. The results of all monthly site inspections shall be documented on the Industrial Stormwater Monthly Inspection Report Form that is provided in the Industrial Stormwater Forms Package, which can be found on the MDEQ website at https://www.mdeq.ms.gov/industrial-stormwater/. 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. Completed forms shall be filed on-site with the SWPPP and made available to MDEQ personnel for inspection upon request.

As part of inspections conducted during or after storm events, a representative sample of stormwater 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 above be observed, coverage recipient shall investigate upstream from the sample location to identify the potential sources of pollution and implement corrective action. The results of all jar test inspections shall be documented on the Monthly Visual Jar Test Inspection Form that is provided in the Industrial Stormwater Forms Package, which can be found on the MDEQ website at https://www.mdeq.ms.gov/industrial-stormwater/. 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. Completed forms shall be filed on-site with the SWPPP and made available to MDEQ personnel for inspection upon request.

Any poorly functioning controls or BMPs, non-compliant discharges, or any other deficiencies observed during the inspections required under this permit shall be corrected as soon as possible, but not to exceed 7 days of the inspection unless prevented by unsafe weather conditions unless specified differently elsewhere in this permit. If the deficiency would result in environmental harm, the deficiencies shall be corrected immediately. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

R-2 ANNUAL COMPREHENSIVE SWPPP EVALUATION FORM:

Coverage recipients shall conduct a comprehensive evaluation of the facility's SWPPP by December 31st of each calendar year. The evaluation shall assess the effectiveness and accuracy of the SWPPP and ensure that the SWPPP is current, up to date, and meets all the requirements of ACT5, T-1 through T-9. Should the SWPPP need to be amended based on the findings of any evaluation, a copy of the amended SWPPP must be submitted to MDEQ in accordance with Condition ACT9, S-1(4).

The results of all annual SWPPP evaluations shall be documented on the Annual Comprehensive SWPPP Evaluation Form, filed on-site with the SWPPP, and made available to MDEQ personnel for inspection upon request. The Annual Comprehensive SWPPP Evaluation Form is provided in the Industrial Stormwater Forms Package, which can be found on the MDEQ website at https://www.mdeq.ms.gov/industrial-stormwater/. The form must be signed in accordance with the provisions outlined in ACT15, T-9 or T-10. 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. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT11 (ISGP) Monitoring Requirements:**

S-1 MONITORING REQUIREMENTS FOR FACILITIES DISCHARGING INTO A 303(d) LISTED IMPAIRED WATERBODY:

Monitoring shall be required if:

(1) The waterbody has a wasteload allocation for a specific parameter(s) established by a Total Maximum Daily Load (TMDL); and

(2) MDEQ has reason to believe the specific parameter(s) is present at the facility and not subject to controls consistent with the implementation plan of the TMDL.

Monitoring is required to identify potential changes to the existing Stormwater Pollution Prevention Plan (SWPPP) that may need to be implemented, so that stormwater discharges will not adversely impact impaired waters. If required, sampling shall be conducted at least quarterly and according to T-1 and T-2 of this ACT. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

S-2 MONITORING REQUIREMENTS FOR FACILITIES SUBJECT TO SARA TITLE III, SECTION 313:

During coverage under this permit, stormwater discharges associated with industrial activity under SARA Title III, Section 313 are subject to the following monitoring requirements only if an EPA Form R (EPA Form 9350-1) or if information gathered in completing a Form A (EPA Form 9350-2) will indicate a release of a Water Priority Chemical to stormwater:

(1) Parameters. The parameters to be measured include: pH; Total Suspended Solids (TSS mg/l); and any Section 313 Water Priority Chemical reported as being released to stormwater. In addition: the date and duration (in hours) of the storm(s) sampled; rainfall measurements or estimates (in inches) of the storm which generated the sampled runoff; the duration between the storm sampled and the end of the previous measurable (greater than 0.1 inch rainfall) storm; and an estimate of total discharge (gal.) for the storm sampled shall be provided.

(2) Frequency of Monitoring. Sampling shall be conducted as close to the time of the release as practicable.

(3) Reporting. Submit any new stormwater sampling data within 90 days of sampling. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT11 (continued):**

L-1 LIMITATIONS/MONITORING REQUIREMENTS FOR STORMWATER DISCHARGES FROM FACILITIES WITH COAL PILES: Stormwater discharges associated with industrial activity from facilities with coal piles shall be limited and monitored as specified below:

| Parameter | Discharge Limitations | | | | | | | Monitoring Requirements | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Quantity / Loading Average | Quantity / Loading Maximum | Quantity / Loading Units | Quality / Conc. Minimum | Quality / Conc. Average | Quality / Conc. Maximum | Quality / Conc. Units | Frequency | Sample Type | Which Months |
| *Solids (Total Suspended) Effluent* | ****** | ****** | ****** | ****** | ****** | 50 Annual Maximum | mg/L | Annually | Grab Sampling | Jan-Dec |
| *pH Effluent* | ****** | ****** | ****** | Report Minimum | ****** | Report Maximum | SU | Annually | Grab Sampling | Jan-Dec |
| *Copper, Total Effluent* | ****** | ****** | ****** | ****** | ****** | Report Annual Maximum | mg/L | Annually | Grab Sampling | Jan-Dec |
| *Zinc, Total Effluent* | ****** | ****** | ****** | ****** | ****** | Report Annual Maximum | mg/L | Annually | Grab Sampling | Jan-Dec |

(1) Monitoring Exemptions - monitoring for copper, zinc and pH may be discontinued if two consecutive annual samplings show concentrations of copper and zinc are below the indicated value and pH is within the specified range. This exemption may not be granted if the following parameters can adversely impact impaired waters and/or are included in a wasteload allocation established by a TMDL. There is no exemption from monitoring total suspended solids, which must be conducted at least annually.

Total Copper……...0.01 mg/l
Total Zinc……...0.06 mg/l
pH……...between 6.0 and 9.0 S.U.

(2) Sampling shall be conducted at the nearest accessible point after final treatment but prior to entering or mixing with the receiving stream. The location of sampling point(s) shall be noted on the site drawing prescribed in ACT5, Condition T-4(B) of this permit.

(3) The following records of sampled storm events must also be documented and maintained with the SWPPP:
(A) Date and duration (in hours) of the storm(s) sampled;
(B) Rainfall measurements or estimates (in inches) of the storm which generated the sampled runoff;
(C) The duration between the storm sampled and the end of the previous measurable (greater than 0.1 inch rainfall) storm; and
(D) An estimate of total discharge (gal.) for the storm sampled shall be provided.

**ACT11 (cont.):**

(4) Sampling should be done early in the year to avoid weather conditions that may prevent sampling.

S-3 DMRs must be submitted annually electronically using the NetDMR system by January 28th the following year. Instructions for NetDMR registration can be found on MDEQ's website at: https://www.mdeq.ms.gov/permits/netdmr/. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-1 SAMPLE TYPE (IF SAMPLING IS REQUIRED):

For discharges from impoundments with a retention period greater than 24 hours (estimated by dividing the volume of the impoundment by the estimated volume of water discharged during the 24 hours prior to sampling), only one grab sample need be taken. For other discharges, a grab sample during the first 30 minutes (or as soon thereafter as practicable) and a composite sample shall be taken. pH and other parameters requiring a grab sample should only be measured in the grab sample. When a grab sample during the first 30 minutes is impracticable an explanation shall be included with the Discharge Monitoring Report. The composite sample shall either be flow-weighted or time-weighted. Composite samples may be taken with a continuous sampler or as a combination of a minimum of 3 sample aliquots taken in each hour for the first 3 hours or entire discharge, with each aliquot being separated by a minimum period of 15 minutes. The sampled discharge must result from a storm greater than 0.1 inches in magnitude and occurring at least 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm. Sampling test procedures shall be in accordance with the methods set forth in 40 CFR Part 136. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-2 REPRESENTATIVE DISCHARGE:

Samples shall be taken in the affected drainage area, downstream of the potential pollutant sources(s) and prior to leaving the property or mixing with receiving waters. For two or more outfalls that discharge substantially identical effluents, the coverage recipient may sample one of the outfalls and report that the quantitative data applies to the substantially identical outfall(s). In addition, please be advised that a violation of the representative sample means a violation at the other discharge locations represented by that sample. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT12 (ISGP) Limitation Requirements:**

L-1 NON-NUMERIC LIMITATIONS:

Stormwater discharges shall be free from:

(1) Debris, oil, scum, and other floating materials other than in trace amounts,

(2) Eroded soils and other materials that will settle to form objectionable deposits in receiving waters,

(3) Suspended solids, turbidity and color at levels inconsistent with the receiving waters,

(4) Chemicals in concentrations that would cause violation of State Water Quality Criteria in the receiving waters. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT13 (ISGP) Recordkeeping Requirements:**

T-1 RETENTION OF RECORDS:

All records, reports and information resulting from activities required by this permit shall be retained by the coverage recipient, on-site with the SWPPP, for a minimum of at least three years from the date of generation. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

## ACT14 (ISGP) Personnel Training Requirements:

S-1 TRAINING DOCUMENTATION:

Personnel training conducted to meet the requirements of this ACT shall be documented. Training records shall include employee's name, worker identification number, date of training, contents of training, an indication whether it was initial or refresher training and the employee's signature acknowledging that training was received. All personnel training associated with this general permit shall be documented on the Employee Training Log Form that is provided in the Industrial Stormwater Forms Package, which can be found on the MDEQ website at https://www.mdeq.ms.gov/industrial-stormwater/. 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. Completed forms and supporting training documentation shall be maintained on-site with the SWPPP and made available to MDEQ personnel for inspection upon request. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

S-2 TRAINING PROGRAM REQUIREMENTS:

The coverage recipient shall develop and implement a program for initial and periodic refresher training of personnel that are responsible for implementing and/or complying with the requirements of this permit. Initial training for all personnel that are responsible for implementing and/or complying with the requirements of this permit shall be performed within twelve (12) months of issuance of coverage or recoverage under this permit. Newly hired employees responsible for implementing and/or complying with the requirements of this permit shall receive initial training prior to performing such responsibilities. All employees responsible for implementing and/or complying with the requirements of this permit shall receive refresher training by December 31st of each calendar year.

Training shall at a minimum address, but not be limited to, the following elements:

(1) SWPPP goals and plan components identified in ACTs 5 through 8 of this permit, including:

(A) Housekeeping and pollution prevention requirements,

(B) Spill prevention and response procedures,

(C) Identification and elimination of non-allowable, non-stormwater discharges,

(D) Installation, maintenance and inspection of erosion and sediment controls for construction activities, and

(E) Installation, maintenance and inspection of Best Management Practices (BMPs) for industrial stormwater and/or post-construction stormwater. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT14 (continued):**

TRAINING PROGRAM REQUIREMENTS (Continued):

(2) Procedures for monitoring compliance with non-numeric and numeric limitations prescribed in ACTs 9 and 10 of this permit;

(3) 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);

(4) Release reporting and non-compliance notification and reporting requirements; and

(4) Applicable standard requirements contained in ACT15. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

Additional training requirements for Automotive Salvage Yards may be found in ACT 7 Condition T-1(2).

## ACT15 (ISGP) Termination of Permit Requirements:

S-1 CLOSURE REQUIREMENTS:

Should the coverage recipient decide to permanently cease its regulated industrial activity and/or abandon the premises upon which it operates or wish to terminate Industrial coverage and submit a No Exposure Certification, a closure plan shall be submitted to the MDEQ no later than 30 days prior to doing so. A closure plan required by another MDEQ permit will be deemed adequate to satisfy the requirements of this section if stormwater is specifically addressed. The plan shall include, but not be limited to, addressing:

(1) How and when all industrial machinery, material handling equipment, manufactured products, by-products, raw materials, stored chemicals, and solid and liquid waste and residues will be removed from the premises so that stormwater discharges associated with industrial activity have been eliminated

(2) For facilities wishing to make a certification of no exposure, the plan shall outline the steps taken to prevent stormwater from being exposed to regulated industrial activities, and

(3) Final stabilization of the entire site, whereby exposed areas must be stabilized using structural and/or non-structural control measures. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

S-2 REQUEST FOR TERMINATION REQUIREMENTS:

Facilities that are out of business, are no longer an industrial activity as defined in stormwater regulations 40 CFR 122.26(b)(14), or wish to make a certification of no exposure shall submit a Request for Termination (RFT) Form found in the Industrial Stormwater Forms Package, which can be found on the MDEQ website at https://www.mdeq.ms.gov/industrial-stormwater/. The coverage recipient is bound by the conditions of this permit until MDEQ issues a written termination of coverage. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT16 (ISGP) Standard Requirements Applicable to All Water Permits:**

T-1 DUTY TO COMPLY:

The coverage recipient must comply with all conditions of this permit. Any permit noncompliance constitutes a violation and is grounds for enforcement action, coverage termination, revocation and reissuance, or modifications; or denial of a renewal application. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-2 DUTY TO REAPPLY:

If the coverage recipient wishes to continue an activity regulated by this permit after the expiration date of this permit, coverage recipient must apply for and obtain authorization as required by the new permit. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-3 DUTY TO MITIGATE:

The coverage recipient shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which is likely to adversely affect human health or the environment. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-4 DUTY TO PROVIDE INFORMATION:

The coverage recipient shall furnish to the Permit Board, within a reasonable time, any relevant information which the Permit Board may request to determine whether cause exists for modifying, revoking and reissuing, or terminating coverage, or to determine compliance with this permit. The coverage recipient shall also furnish to the Permit Board, upon request, copies of records required to be kept by this permit. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-5 PROPERTY RIGHTS:

The issuance of this permit does not convey any property rights of any sort, nor any exclusive privileges, nor does it authorize any injury to private property nor any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-6 SEVERABILITY:

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT16 (continued):**

T-7 OIL AND HAZARDOUS SUBSTANCE LIABILITY:

Nothing in this permit shall relieve the coverage recipient from responsibilities, liabilities, or penalties under Section 311 of the CWA (33 U.S.C. Section 1321).

T-8 PROPER OPERATION AND MAINTENANCE:

The coverage recipient shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the coverage recipient to achieve compliance with the conditions of this permit, including the Stormwater Pollution Prevention Plan. Proper operation and maintenance includes adequate laboratory controls with appropriate quality assurance procedures and requires the operation of backup or auxiliary facilities when necessary to achieve compliance with permit conditions. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-9 SIGNATORY REQUIREMENTS:

All ISNOIs, Re-Coverage Forms, Modification Forms, Request for Coverage Transfer, Requests for Termination, and No Exposure Certifications shall be signed as follows:

(1) For a corporation by a responsible corporate officer. For this permit, a responsible corporate officer means:

(A) A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or

(B) The manager of one or more manufacturing, production or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

**ACT16 (continued):**

Note: MDEQ does not require specific assignments or delegations of authority to responsible corporate officers identified in paragraph (1)(A) above. The Department will presume that these responsible corporate officers have the requisite authority to sign permit applications unless the corporation has notified the Permit Board to the contrary. Corporate procedures governing authority to sign permit applications may provide for assignment or delegation to applicable corporate positions under paragraph (1)(B) above rather than to specific individuals.

(2) For a partnership or sole proprietorship by a general partner or the proprietor, respectively; or

(3) For a municipal, State, Federal, or other public agency by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes:

(A) The chief executive officer of the agency, or

(B) A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-10 DULY AUTHORIZED REPRESENTATIVE:

Discharge Monitoring Reports, Annual Comprehensive SWPPP Evaluation Forms, and information the Permit Board requests to be submitted shall be signed by a person described in T-9 above, or by a duly authorized representative of that person. A person is a duly authorized representative when:

(1) The authorization is made in writing and submitted to the Permit Board by a person described in T-9 above.

(2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated activity, such as: manager, operator of a well or well field, superintendent, person of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may be either a specified individual or position). [11 Miss. Admin. Code Pt. 6, Ch.1.]

T-11 CHANGES IN AUTHORIZATION:

If an authorization is no longer accurate because a different individual or position has permit responsibility, a new authorization satisfying the requirements of T-9 and T-10 above must be submitted to the Permit Board prior to or together with any reports, information or applications signed by the representative. [11 Miss. Admin. Code Pt. 6, Ch.1.]

**ACT16 (continued):**

T-12 CERTIFICATION:

Any person signing documents under this section shall make the following certification:

"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." [11 Miss. Admin. Code Pt. 6, Ch.1.]

T-13 BYPASS PROHIBITION:

Bypass (see 40 CFR 122.41(m)) is prohibited and enforcement action may be taken against a coverage recipient for a bypass, unless:

(1) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

(2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if the coverage recipient should, in the exercise of reasonable engineering judgment, have installed adequate backup equipment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and

3) The coverage recipient submitted notices per T-18 of this ACT. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-14 UPSET CONDITIONS:

An upset (see 40 CFR 122.41(n)) constitutes an affirmative defense to an action brought for noncompliance with technology-based permit limitations if a coverage recipient demonstrates, through properly signed, contemporaneous operating logs, or other relevant evidence, that:

(1) An upset occurred and the coverage recipient can identify the specific cause(s) of the upset;

(2) The permitted facility was, at the time, being properly operated at the time of the upset;

(3) The coverage recipient submitted notices per T-18 of this ACT; and

**ACT16 (continued):**

(4) The coverage recipient took remedial measures as required under T-3 of this ACT.

In any enforcement proceeding, the coverage recipient has the burden of proof that an upset occurred. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance is initiated, will be considered a final administrative action subject to judicial review. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-15 RELEASE REPORTING:

Releases into the environment of hazardous substances, oil, and pollutants or contaminants, which pose a threat to applicable water quality standards or causes a film, sheen or discoloration of waters of the State, shall be reported to the:

(1) Mississippi Emergency Management Agency (601) 933-6362 or (800) 222-6362; or

(2) National Response Center (800) 424-8802. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-16 INSPECTION AND ENTRY:

The coverage recipient shall allow the Permit Board staff or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

(1) Enter upon the coverage recipient's premises where a regulated activity is located or conducted or where records must be kept under the conditions of this permit;

(2) Have access to and copy at reasonable times any records that must be kept under the conditions of this permit;

(3) Inspect at reasonable times any facilities or equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and

(4) Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any location. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT16 (continued):**

T-17 PERMIT ACTIONS:

This permit may be modified, revoked and reissued, or terminated for cause. A request by the coverage recipient for permit or coverage modification, revocation and reissuance, or termination, or a certification of planned changes or anticipated noncompliance does not stay any permit condition. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-18 NONCOMPLIANCE REPORTING:

(1) Anticipated Noncompliance. The coverage recipient shall give at least 10 days advance notice, if possible, before any planned noncompliance with permit requirements. Giving notice of planned or anticipated noncompliance does not immunize the coverage recipient from enforcement action for that noncompliance.

(2) Unanticipated Noncompliance. The coverage recipient shall notify the MDEQ orally within 24 hours from the time he or she becomes aware of unanticipated noncompliance, which may endanger health or the environment. A written report shall be provided to the MDEQ within five (5) working days of the time he or she becomes aware of the circumstances leading to the unanticipated noncompliance. The report shall describe the cause, the exact dates and times, steps taken or planned to reduce, eliminate, or prevent reoccurrence and, if the noncompliance has not ceased, the anticipated time for correction.

(3) Other Noncompliance: The coverage recipient shall report all instances of noncompliance not reported under paragraph (2) above, within 30 days from the end of the month in which the noncompliance occurs. The report shall describe the cause, the exact dates and times, steps taken or planned to reduce, eliminate, or prevent reoccurrence and, if the noncompliance has not ceased, the anticipated time for correction.

Complete and appropriately signed Reports must be submitted to the address given in ACT4, Condition T-2, to the attention of: Chief, Environmental Compliance and Enforcement Division.

**ACT16 (continued):**

T-19 REOPENER CLAUSE:

If there is evidence indicating potential or realized impacts on water quality due to stormwater discharge(s) from industrial activities covered by this permit, the coverage recipient may be required to obtain an individual permit or an alternative general permit in accordance with ACT3, S-2 or the permit may be modified to include different limitations and/or requirements. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-20 PERMIT MODIFICATION:

Permit modification or revocation will be conducted according to 40 CFR 122.62, 122.63, 122.64 and 124.5. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-21 TRANSFERS:

Coverage under this permit is not transferable to any person except after notice to and approval by the Permit Board. The Permit Board may require the coverage recipient to obtain another NPDES permit as stated in ACT 3, S-2. Transfer of coverage requests shall be submitted to the Permit Board using the form provided in the Industrial Stormwater Forms Package, which can be found on the MDEQ website at https://www.mdeq.ms.gov/industrial-stormwater/. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

T-22 CONTINUATION OF EXPIRED GENERAL PERMIT:

If this permit is not reissued prior to the expiration date, it will be administratively continued and remain in force and effect. Permit coverage will remain until the earliest of:

(1) Recoverage under the reissued general permit;

(2) Submittal of a Request for Termination and receipt of written termination of coverage from MDEQ;

(3) Issuance of an individual permit for the project's discharge; or

(4) A formal permit decision by the Permit Board to not reissue the general permit, at which time the coverage recipient must seek coverage under an alternative general permit or an individual permit.

**ACT16 (continued):**

Six (6) months after the ISGP is reissued, no coverage shall remain in effect under the previous general permit unless a complete Recoverage Form and other required submittals have been received by MDEQ. [11 Miss. Admin. Code Pt. 6, Ch.1.]

T-23 MONITORING AND RECORDS:

(1) Monitoring. Samples and measurements shall be representative of the monitored activity and must be conducted according to test procedures approved under 40 CFR Part 136.

(2) Retention of Records. The owner or operator shall retain records of all monitoring information for a period of at least three years from the date of the measurement, report, or application. This information includes all calibration and maintenance records, all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the Notice of Intent to be covered by this permit. This period may be extended by request of the Permit Board or its designee.

(3) Record Contents. Records of monitoring information shall include:

(A) The date, exact location, and time of sampling or measurements,

(B) The initials or names of the individuals who performed the sampling or measurements,

(C) The date(s) and time(s) analyses were performed,

(D) The initials or names of the individuals who performed the analyses,

(E) References and written procedures, when available, for the analytical techniques or methods used, and

(F) The results of such analyses, including the bench sheets, instrument readouts, computer disks or tapes, etc., used to determine these results.
[11 Miss. Admin. Code Pt. 6, Ch.1.]

**ACT16 (continued):**

T-24 SPILL PREVENTION AND BEST MANAGEMENT PLANS:

Any facility which has above ground bulk storage capacity of more than 1,320 gallons or any single container with a capacity greater than 660 gallons of materials and/or liquids (including but not limited to, all raw, finished and/or waste material) with chronic or acute potential for pollution impact on waters of the State, and not subject to Mississippi Hazardous Waste Management Regulations or 40 CFR 112 (Oil Pollution Prevention) regulations, shall provide secondary containment as found in 40 CFR 112 or equivalent protective measures such as trenches or waterways which would conduct any tank releases to a permitted treatment system or sufficient equalization or treatment capacity needed to prevent chronic/acute pollution impact. [11 Miss. Admin. Code Pt. 6, Ch.1.]

T-25 TOXIC POLLUTANTS NOTIFICATION REQUIREMENTS:

The coverage recipient shall comply with the applicable provisions of 40 CFR 122.42.

T-26 FALSIFYING REPORTS:

Any coverage recipient who falsifies any written report required by or in response to a permit condition shall be deemed to have violated a permit condition and shall be subject to the penalties provided for a violation of a permit condition pursuant to Section 49-17-43 of the Mississippi Water Pollution Control Law (Mississippi Code Ann. Sections 49-17-1 et seq.).

T-27 CIVIL AND CRIMINAL LIABILITY:

(1) Any person who violates a term, condition or schedule of compliance contained within this permit or the Mississippi Air and Water Pollution Control Law is subject to the actions defined by the Mississippi Air and Water Pollution Control Law (Miss. Code Ann. Sections 49-17-1 through 49-17-43).

(2) Except as provided in permit conditions on "Bypassing" and "Upsets", nothing in this permit shall be construed to relieve the coverage recipient from civil or criminal penalties for noncompliance.

(3) It shall not be the defense of the coverage recipient in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [11 Miss. Admin. Code Pt. 6, Ch. 1.]

**ACT17 (ISGP) Definitions:**

T-1 BEST MANAGEMENT PRACTICES (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the discharge of pollutants to waters of the United States. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

T-2 CFR means the Code of Federal Regulations.

T-3 CLEAN WATER ACT (CWA) refers to the Federal Water Pollution Control Act, 33 U.S.C. section 1251 et seq.

T-4 COMMISSION means the Mississippi Commission on Environmental Quality.

T-5 CONTROL MEASURE as used in this permit, refers to any Best Management Practice or other method used to prevent or reduce the discharge of pollutants to waters of the United States.

T-6 EXECUTIVE DIRECTOR means the Executive Director of the Department of Environmental Quality.

T-7 FACILITY OR ACTIVITY means any NPDES "point source" or any other facility or activity (including land or appurtenances thereto) that is subject to regulation under the NPDES program.

T-8 INDUSTRIAL ACTIVITY means the ten (10) categories of industrial activities included in the definition of "stormwater discharges associated with industrial activity" as defined in 40 CFR 122.26(b)(14)(i)-(ix) and (xi).

T-9 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) is the division of the Clean Water Act which prohibits discharge of pollutants into waters of the United States unless a special permit is issued.

T-10 NO EXPOSURE means all industrial materials and activities are protected by a storm resistant shelter to prevent exposure to rain, snow, snowmelt, and/or runoff. Industrial materials or activities include, but are not limited to, material handling equipment or activities, industrial machinery, raw materials, intermediate products, by-products, final products, or waste products.

T-11 NOTICE OF INTENT (NOI) is the mechanism used to apply for coverage under a general permit.

**ACT17 (continued):**

T-12 OWNER or OPERATOR for the purpose of this permit and in the context of stormwater associated with industrial activity, means any party associated with a construction project that meets either of the following two criteria:

(1) The entity has operational control over industrial activities, including the ability to modify those activities; or

(2) The entity has day-to-day operational control of activities at the facility necessary to ensure compliance with the permit (e.g., the entity is authorized to direct workers at a facility to carry out activities required by the permit).

T-13 PERMIT BOARD means the Mississippi Environmental Quality Permit Board established pursuant to Miss. Code Ann. 49-17-28.

T-14 POLLUTANT is defined at 40 CFR 122.2. A partial listing from this definition includes: dredged spoil, solid waste, sewage, garbage, sewage sludge, chemical wastes, biological materials, heat, wrecked or discarded equipment, rock, sand, sediment, silt, cellar dirt, and industrial or municipal waste.

T-15 POLLUTANT OF CONCERN means a pollutant which causes or contributes to a violation of a water quality standard, including a pollutant which is identified as causing an impairment in a state's 303(d) list.

T-16 SARA (Superfund Amendments and Reauthorization Act) of 1986, (40 CFR 355) are amendments of the Superfund legislation. It not only reauthorized the Superfund program but greatly expanded the provisions and funding of the initial Act. Title III of the act is concerned with emergency planning.

T-17 SECTION 313 WATER PRIORITY CHEMICALS are specific chemicals, listed at 40 CFR 372.65, subject to reporting requirements under the Emergency Planning and Community Right-to-Know Act (EPCRA) Section 313.

T-18 SIGNIFICANT MATERIALS includes, but is 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 CERCLA; any chemical the facility is required to report pursuant to Section 313 of Title III of SARA; fertilizers; pesticides; and waste products such as ashes, slag and sludge that have the potential to be released with stormwater discharges.

T-19 STATE LAW means The Mississippi Air and Water Pollution Control Law, specifically, Miss. Code Ann 49-17-1 through 49-17-43, and any subsequent amendments.

T-20 STORMWATER means rainfall runoff, snowmelt runoff, and surface runoff.

**ACT17 (continued):**

T-21 STORMWATER DISCHARGE ASSOCIATED WITH INDUSTRIAL ACTIVITY means the discharge from any conveyance which is used for collecting and conveying stormwater and which is directly related to manufacturing, processing or raw materials storage at an industrial plant. The categories considered to be engaging in "industrial activity" are in 40 CFR 122.26 (b) (14) (i - xi).

T-22 STORMWATER POLLUTION PREVENTION PLAN (SWPPP) means a plan that includes site map(s), an identification of industrial activities that could cause the discharge of pollutants to stormwater, and a description of measures or practices to control these pollutants.

T-23 TOTAL MAXIMUM DAILY LOAD (TMDL) means the maximum daily amount of a pollutant that can enter a water body so that the water body will meet and continue to meet state water quality standards.

T-24 UPSET means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the coverage recipient. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

T-25 WATERS OF THE STATE means all waters within the jurisdiction of this State, including all streams, lakes, ponds, wetlands, impounding reservoirs, marshes, watercourses, waterways, wells, springs, irrigation systems, drainage systems, and all other bodies or accumulations of water, surface and underground, natural or artificial, situated wholly or partly within or bordering upon the State, and such coastal waters as are within the jurisdiction of the State, except lakes, ponds, or other surface waters which are wholly landlocked and privately owned, and which are not regulated under the Federal Clean Water Act (33 U.S.C.1251 et seq.).

T-26 11 Miss. Admin. Code Pt. 6, Ch. 1. means the State of Mississippi's Wastewater Regulations for National Pollutant Discharge Elimination System (NPDES) Permits, Underground Injection Control (UIC) Permits, State Permits, Water Quality Based Effluent Limitations and Water Quality Certifications. [11 Miss. Admin. Code Pt. 6, Ch. 1.]