98 WASTE LANDFILL

OPERATIONAL STORM WATER POLLUTION PREVENTION PLAN

PREPARED FOR:

98 WASTE, LLC

A SUBSIDIARY OF WASTE PRO OF MISSISSIPPI, LLC

979 US-98
HATTIESBURG, MISSISSIPPI 39401

PREPARED BY:

ALLEN
ENGINEERING
AND SCIENCE

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ALLEN ENGINEERING AND SCIENCE PROJECT NO. 24151

NOVEMBER 2024

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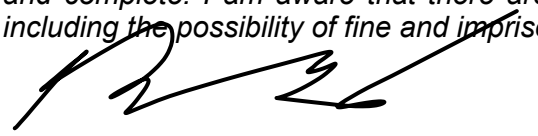
MANAGEMENT CERTIFICATION

MANAGEMENT CERTIFICATION	
Name of Facility	98 Waste, LLC
Type of Facility	Solid Waste Disposal
Location	Latitude: 31° 14’ 42.10” N Longitude: 89°14’ 07.40" Datum: Google Earth 979 US-98, Hattiesburg, Mississippi, 39401

CERTIFICATION STATEMENT:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designated to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my enquiry 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

Robert Shoots
Print Name

Regional Post Collection Manager
Title

1/2/2025
Date

GENERAL FACILITY INFORMATION

Facility Information	
Name	98 Waste, LLC
Address	979 US-98, Hattiesburg, Mississippi, 39401
Telephone	(225) 436-2538
Facility Contact Information	
Name	Robert Shoots
Title	Regional Post Collection Manager
Telephone	225-436-2538
Mailing Address	979 US-98, Hattiesburg, Mississippi, 39401
Owner	98 Waste, LLC
Standard Industrial Classification (SIC) Code	4953
Permit Information	
Type	ISGP Industrial Stormwater
Permit Number	
Effective Date of Coverage	
No. of Storm Water Outfalls	4
Receiving Waters	Unnamed Tributary of Leaf River
Emergency Contact	
Name	Robert Shoots
Telephone	225-436-2538

STORM WATER POLLUTION PREVENTION PLAN AMENDMENT RECORD

STORM WATER POLLUTION PREVENTION PLAN AMENDMENT RECORD			
Amendment Number	**Description of Amendment**	**Date of Amendment**	**Amended By (Name & Title)**
	Initial Report	11/18/2024	Michael Hohm, P.E.

1.0 INTRODUCTION

The 98 Waste Landfill (98 Waste) provides disposal services to portions of south Mississippi. The current 98 Waste Landfill site is comprised of approximately 250.58 acres, with the Class I Rubbish Site disposal area encompassing approximately 23.0 acres. There is a 50 ft. undisturbed natural buffer to Leaf River where stormwater is directed to the vegetative areas to reduce potential pollutant discharges.

The facility is located in Hattiesburg Mississippi in Forrest County. The property can be accessed from US-98 to the north. These roads also provide access to the onsite operations and facility buildings. The property is surrounded by timberland.

The purposes of the Storm Water Pollution Prevention Plan (Plan) are to identify potential sources of storm water pollution and to develop and implement management practices to eliminate or minimize pollution in storm water discharge from the facility. The 98 Waste facility currently has an upland plateau topography with a steep drop off to the west and north but once the landfill achieves design fill grades the site topography will have a gradual slope from the west and north. **Drawings 1, and 2** illustrate the site location, layout, storm water related features, and drainage areas and are attached with this Plan.

1.1 COMPLIANCE WITH INDIVIDUAL STORM WATER GENERAL PERMIT

In accordance with the requirements of 40 CFR Part 122.26(b) (14) 98 Waste is required to maintain coverage under MDEQ's ISGP Industrial Stormwater Permit for 98 Waste's Class I Rubbish landfill facility located in Hattiesburg, Forrest County, Mississippi.

The industrial activity currently being conducted at this facility falls within one of the categories of industrial activities listed under 40 CFR Part 122.26(b)(14) requiring industrial stormwater coverage for storm water discharges Some of the raw materials at 98 Waste's facility may be exposed to storm water and have a potential to contact storm water discharges at the facility.

98 Waste, LLC has retained Allen Engineering and Science (AllenES) to prepare the SWPPP for the 98 Waste Landfill. The objective of the SWPPP is to minimize or eliminate any potential adverse impacts on the storm water which may come in contact with the site equipment, raw material, and waste handled at this facility.

1.2 COMPLIANCE WITH LOCAL STORM WATER ORDINANCE

Forrest County does not approve industrial site storm water management programs. However, if Forrest County has or establishes a storm water management program then 98 Waste Landfill will comply with the program requirements.

The facility does not discharge into a Municipal Separate Storm Sewer System (MS4). If in the future the facility does discharge into an MS4, the facility will make the SWPPP available to the local authority upon request.

1.3 FACILITY TOPOGRAPHY AND DRAINAGE

The site topography consists of timberland completely surrounding the landfill, a perennial stream to the west, and an intermittent stream to the south. The native soil contains large amounts of surface clays that range from stiff to very stiff in texture with some surface sand pockets. Most of the site generally drains west and north to sedimentation basins that ultimately discharge to an unnamed tributary of Leaf River. The portion of the property east of the utility right-of-way generally drains to the north and east and ultimately to an unnamed tributary of the Leaf River. **Drawing 2: Site Watershed Map** shows the contours and flow paths at the proposed site location.

The facility has a total of four (4) storm water outfalls, These outfalls and their locations can be found on **Drawings 2**. **Table 1: Outfall Information** shows the size of each drainage area, receiving water body, and approximate length to the receiving water for each outfall of the proposed landfill. Each outfall will utilize a drop inlet as the primary spillway and a dissipation pad.

Table 1: Outfall Information

Outfall Number	Drainage Area Draining To This Outfall (Acres)	General Direction of Flow	Receiving Water Body	Approximate Length to Receiving Water Body from Outfall (mi)
001	23.4	North	Unnamed Tributary of Leaf River	0.13
002	29.2	North	Unnamed Tributary of Leaf River	0.42
003	34.1	West	Unnamed Tributary of Leaf River	0.50
004	20.4	East	Unnamed Tributary of Leaf River	0.75

2.0 STORM WATER POLLUTION PREVENTION PLAN

The following provides a detailed program of the SWPPP. This SWPPP has been prepared in accordance with MDEQ's Industrial NPDES Stormwater Permit requirements and guidelines.

2.1 SWPPP DEVELOPMENT

This SWPPP has been developed for the 98 Waste Landfill in accordance with sound engineering practices. This SWPPP identifies potential sources of pollution which may reasonably be expected to affect the quality of the storm water discharges associated with the activities currently being carried out at this facility. This SWPPP describes the Best Management Practices (BMPs) to minimize or eliminate the pollutants in the storm water discharges generated at the facility related to the activities performed at the site. The BMPs will be implemented and maintained to assure compliance with the Permit conditions.

2.2 SWPPP OBJECTIVES

The SWPPP describes the following:

- This facility and its operations
- Identifies potential sources of storm water pollution at the facility
- Recommends appropriate best management practices (BMPs) or pollution control measures to reduce the discharge of pollutants in storm water runoff
- Identifies the Pollution Prevention Team and responsibilities
- Provides for periodic review of this SWPPP

The goal of the storm water program is to improve the quality of surface waters by reducing the amount of pollutants potentially contained in the storm water runoff being discharged.

The objective of this SWPPP at the facility is three-fold:

- To identify potential pollutant sources
- To describe best management practices (BMPs) to be implemented at the facility
- To provide other elements such as, but not limited to, a facility inspection program, site compliance evaluation program, and record keeping and reporting program that will help the facility comply with the terms and conditions of the Permit

2.3 POLLUTION PREVENTION COMMITTEE

98 Waste has established a Pollution Prevention Committee (PPC) to streamline SWPPP implementation. 98 Waste Landfill management has committed the necessary resources and authority to the PPC members to take actions to prevent unauthorized and non-allowable storm water discharges and to implement this SWPPP and other measures necessary to eliminate or minimize contamination of the storm water discharged at the facility. The PPC is responsible for implementing, monitoring, and revising this SWPPP document as needed.

PPC members for the facility are listed in **Table 2** along with their duties and the contact information.

Table 2: Pollution Prevention Committee			
Committee Position	**Name**	**Contact Number**	**Assigned Duties**
Regional Post Collection Manager	Robert Shoots	225-436-2538	• Implement and maintain SWPPP • Coordinate & perform training activities • Conduct Annual Compliance Evaluation • Provide adequate resources • Work with Site Inspector to review inspection findings • Assign resources to correct any problems identified • Reporting • Coordinate Training Activities
Site Inspector	TBD	TBD	• Carry out weekly & monthly inspections • Provide inspection findings to Regional Post Collection Manager
Record Keeper	Michael Hohm	601-714-8182	• Keep records of inspections, training, sampling, and all information

2.4 Risk Identification and Assessment of Potential Pollutant Sources

A list of potential pollutant sources which may potentially pollute the storm water discharges at the facility include:

Source A: Solid Waste Loading/Unloading Operations
Source B: Construction/Borrow Soil Storage
Source C: Dumpsters and Containers
Source D: Repair and Equipment Maintenance Area
Source E: Vehicles Used at the Facility
Source F: Facility Roads
Source G: Wood Chip Storage Area

For each of these materials on site that are referenced above, an evaluation has been conducted to determine the potential of these materials to be contacted by storm water discharged from the facility. The following sections further describe each of the potential pollutant sources listed above including:

- Materials and pollutants associated and their method of storage or disposal
- Management practices employed to minimize contamination of storm water
- Treatment provided to storm water runoff, if any

2.4.1 Source A: Solid Waste Loading/Unloading Operations

All solid waste entering the facility will be unloaded within the permitted disposal area. Small amounts of unauthorized waste that are pulled from the disposal area will be stored in nearby dumpsters for removal to a facility permitted to accept such solid waste for disposal. Potentially

recyclable materials will also be pulled from the disposal area and stored in the recyclable materials storage area.

2.4.1.1 MATERIAL

Types of possible materials to cause pollution at the site will include the following:

- Nonhazardous construction and demolition debris
- Special wastes generated from construction, and landscaping activities

2.4.1.2 POTENTIAL POLLUTANTS

Potential pollutants anticipated from Source A include the following:

- Total Suspended Solids (TSS)
- Biological Oxygen Demand (BOD)
- Chemical Oxygen Demand (COD)
- Turbidity
- pH

2.4.1.3 BEST MANAGEMENT PRACTICES

Unauthorized waste will be actively collected every day and stored in dumpsters for removal. The segregated recyclables will be stockpiled on the southern portion of the property and will maintain storm water controls. Cover will be applied over the active face every two weeks to enhance storm water control.

2.4.2 SOURCE B: CONSTRUCTION/BORROW SOIL STORAGE AREA

Soils excavated for construction purposes will be stockpiled within the permitted boundary of the site. This soil is utilized as cover material, general site construction activities, and sold commercially.

2.4.2.1 MATERIAL

Types of possible materials to cause pollution at the site will include the following:

- Clean soil

2.4.2.2 POTENTIAL POLLUTANTS

Potential pollutants anticipated from Source B include the following:

- Total Suspended Solids (TSS)
- Turbidity

2.4.2.3 BEST MANAGEMENT PRACTICES

Stockpiles will be maintained regularly and vegetated, if necessary, while operations continue. Discharge of suspended solids into storm water will be minimized with the utilization of appropriate

BMPs. Runoff from these stockpiles will be routed to a perimeter vegetated channel which will carry the runoff through check dams to reduce sediment and eventually discharge into one of the sedimentation ponds for final settling treatment prior to discharge.

The facility will manage soil stockpiles in the following methods to minimize soil erosion:

- Stockpiles are compacted to prevent precipitation from saturating the material
- Stockpiles that remain in place for long periods of time are seeded to prevent erosion
- Silt fence or hay bales are placed around the stockpile

2.4.3 SOURCE C: DUMPSTERS AND CONTAINERS

Dumpsters will be stored at the facility for incidental amounts of unauthorized waste received for disposal. This waste is separated from the disposal area and placed into dumpsters or appropriate containers for removal to a properly permitted facility.

2.4.3.1 MATERIAL

Types of possible materials to cause pollution at the site will include the following:

- Liquid waste
- Construction materials

2.4.3.2 POTENTIAL POLLUTANTS

Potential pollutants anticipated from Source C include the following:

- Any toxic or infectious pollutants

2.4.3.3 BEST MANAGEMENT PRACTICES

The stored dumpsters will have lids to prevent storm water contact. This eliminates the potential for pollutants to contact rainwater. If storm water does come in contact with the stored dumpsters, the storm water would flow into a vegetated swale, pass through check dams, and enter a sedimentation basin before leaving the site. Containers will be stored in an area where storm water contact is at a minimum and will be sent to the appropriate disposal facility in a mannerly time.

2.4.4 SOURCE D: EQUIPMENT REPAIR AND MAINTENANCE AREA

Equipment repair and maintenance is a necessary part of operations at this facility. 98 Waste Landfill has designated a covered area in the northern/ center portion of the property for equipment maintenance and repair. This covered area consists of a metal framed building on a concrete slab.

2.4.4.1 MATERIAL

Types of possible materials to cause pollution at the site will include the following:

- Diesel

- Oil
- Lubricants
- Welding materials
- Grease
- Hydraulic Fluids

2.4.4.2 POTENTIAL POLLUTANTS

Potential pollutants anticipated from Source F include the following:

- Oil and Grease
- Lubricants
- Gasoline/Diesel

2.4.4.3 BEST MANAGEMENT PRACTICES

98 Waste Landfill employs good preventive maintenance policies. Periodic maintenance activities are performed in accordance with the manufacturer's recommendations and equipment repairs are performed as needed. Equipment repair and maintenance will occur in the maintenance area. Maintenance area is a covered facility, and all repair activities take place under the roof. This highly reduces the potential for pollutants to contact storm water. In the case that a spill does occur, spill clean-up kits are readily available at the maintenance building.

2.4.5 SOURCE E: VEHICLES USED AT THE FACILITY

Some vehicles may be used at the facility such as a trucks, etc. Lubricant and oil leaks and spills pose a potential threat to contaminate storm water.

2.4.5.1 POTENTIAL POLLUTANTS

Potential pollutants anticipated from Source F include the following:

- Oil and Grease

2.4.5.2 BEST MANAGEMENT PRACTICES

98 Waste Landfill's policy is to maintain vehicles in good condition by servicing on a schedule and periodic checks and immediate repair. The vehicles are stored and repaired in the maintenance area. Maintenance area is a covered facility, and all repair activities take place under the roof. This highly reduces the potential for pollutants to contact rainwater.

2.4.6 SOURCE F: FACILITY ROADS

Facility roads at the site are constructed of either dirt, gravel, or crushed limestone. Gravel and crushed limestone roads can cause sediment transportation during heavy rain events. The facility roads provide access to the landfill and office areas.

2.4.6.1 MATERIAL

Types of possible materials to cause pollution at the site will include the following:

- Dirt/Gravel

2.4.6.2 POTENTIAL POLLUTANTS

Potential pollutants anticipated from Source G include the following:

- Total Suspended Solids (TSS)
- Turbidity

2.4.6.3 BEST MANAGEMENT PRACTICES

Maintaining facility roads will reduce sediment transportation. If facility roads wash around the landfill, a vegetated storm water channel will convey the storm water to one of the sedimentation basins for physical treatment before discharging off-site. In other locations where a perimeter channel is not present, a vegetative buffer will scrub the storm water as it sheet flows off-site.

2.4.7 SOURCE G: WOOD CHIP STORAGE AREA

The Wood Chip Storage Area exists at the southeast corner of the facility's property. Periodically and typically after natural disasters such as hurricanes and tornadoes, the facility will chip large amounts of vegetation and stockpile it for a later use, such as mulch or cover material. After periodic chipping operations are completed, the stockpiles are covered with soil or relocated.

2.4.7.1 MATERIAL

Types of possible materials to cause pollution at the site will include the following:

- Clean soil
- Wood chips

2.4.7.2 POTENTIAL POLLUTANTS

Potential pollutants anticipated from Source B include the following:

- Total Suspended Solids (TSS)
- Turbidity
- Lignin and tannins

2.4.7.3 BEST MANAGEMENT PRACTICES

Stockpiles will be maintained regularly and vegetated, if necessary, while operations continue. Discharge of suspended solids into storm water will be minimized with the utilization of appropriate BMPs. Runoff from these stockpiles will be routed to perimeter vegetated channels which will carry the runoff through check dams to reduce sediment and eventually discharge into one of the sedimentation ponds for final settling treatment prior to final discharge.

The facility will manage stockpiles in the following methods to minimize wood chip transport:

- Stockpiles that remain in place for long periods of time are seeded to prevent erosion;
- Perimeter drainage channels, diversion berms, and sedimentation basins will be utilized and maintained to control wood chips from leaving the area; and
- Silt fence or hay bales are placed around the stockpiles.

2.4.8 SUMMARY

Table 3 summarizes materials that could be a potential pollutant source and BMPs to use for minimizing or eliminating contamination of storm water runoff.

Table 3: Potential Pollutant Sources

Material	Area Description	Area Key	Drainage Area	Predicted storm water flow direction	Potential Pollutants	Pollutant Parameter
Solid Waste	Within or Adjacent to the Permitted Footprint	Source A	Outfall 001 and Outfall 002	North and West	Suspended Solids, BOD, COD, pH	TSS, BOD, COD, Turbidity, pH
Clean Soil	Permitted Footprint	Source B	Outfall 001 and Outfall 002	North and West	Suspended Solids	TSS
Solid Waste	Dumpsters, Containers	Source C	Outfall 001 and Outfall 002	North and West	Hazardous waste, tires	TSS, BOD, Oil & Grease, toxic pollutants
Lubricants	Repair & equipment maintenance area	Source D	Outfall 002	Northwest	Oil	Oil & Grease, Surfactants, Diesel Fuel
Lubricants	Vehicles used at the facility	Source E	Outfall 002	Northwest	Oil	Oil & Grease
Gravel and Crushed Rock	Facility Roads	Source F	Outfall 001 and Outfall 002 and Outfall 003	North and West	Suspended Solids	TSS
Wood Chips	Wood Chip Storage Area	Source G	Outfall 004	North and East	Suspended Solids	TSS, COD, Turbidity, and pH

* TSS = Total Suspended Solids, BOD = Biological Oxygen Demand

2.5 SIGNIFICANT LEAKS AND SPILLS

A log of significant spills and leaks will be maintained with this SWPPP and is provided in **Appendix B** to this SWPPP document.

2.6 BEST MANAGEMENTS PRACTICES

Storm water management controls, or best management practices (BMPs), are implemented to minimize or eliminate the amount of pollutants in storm water discharged from the facility. These controls can either be structural or non-structural. Structural BMPs are manmade or natural controls placed to manage storm water, and non-structural BMPs are institutional, educational, or prevention practices to manage storm water. Both structural and non-structural BMPs should be utilized to effectively manage storm water at the facility.

2.6.1 NON-STRUCTURAL CONTROLS

Non-structural BMPs are generally implemented at the source to address the problem to minimize storm water pollution. They do not require any structural changes to the facility. Non-Structural Controls that have been implemented at the facility are described below in the following sections.

2.6.1.1 PREVENTATIVE MAINTENANCE

Preventive maintenance involves the regular inspection and testing of facility equipment, storm water management devices (e.g. catch basins, sumps, gratings, screens, and other structural BMPs), and operational systems. These inspections help to uncover conditions which may lead to a release of pollutant, thus allowing for maintenance to prevent such a release.

98 Waste Landfill employs a preventive maintenance program which includes:

- Inspections of secondary containment
- Inspection and maintenance of storm water drainage ways
- Inspection, maintenance, and repair of equipment and machinery
- Inspection, maintenance, and repair of vehicles used at the facility.
- Inspection of let-down structures
- Inspection of sedimentation basin structural controls
- Inspection of structural controls (silt fencing, straw wattles, check dams, etc)

A designated employee of 98 Waste Landfill will perform visual inspections for spills and leaks within the equipment maintenance area on a monthly basis. If spills or leaks are found, then the source of such spills and leaks is repaired immediately and spills and leaks are cleaned in a way not to endanger the quality of storm water runoff from the site.

Operators inspect equipment and machinery before initial start-up. Housekeeping crews inspect maintenance areas and other relevant areas for spills or leaks. Storm drains, grates, and channels are cleaned as often as needed with a minimum frequency of bi-annually.

During yearly SWPPP review, the facility's Pollution Prevention Committee Manager reviews the effectiveness of the currently installed BMPs, Preventive Maintenance, and Good Housekeeping

practices. Any modifications to the SWPPP elements are suggested to the management for improving the effectiveness of the SWPPP.

The following preventive maintenance practices are employed at this facility to prevent storm water pollution:

- Storm water management systems are inspected and maintained on a regular basis
- Facility operations are inspected to detect faulty equipment and signs of deterioration
- Spill kits are maintained at various locations on the plant site
- Routine inspections are conducted to identify areas of erosion
- Storm water conveyance channels are cleaned of debris periodically

2.6.1.2 GOOD HOUSEKEEPING

Good housekeeping practices are designed to maintain a clean and orderly work environment. (Examples: keeping the facility roads clean, keeping an accurate inventory, sweeping paved areas and floors, properly maintaining repair facilities, etc.). This will reduce the potential of significant materials to come in contact with the storm water discharges at the site.

98 Waste employs good housekeeping policies to keep the facility in a clean and orderly fashion. Specifically, In addition, the facility will have scheduled maintenance on trucks, bobcats, and other equipment as per manufacturer's recommendations. A strict inspection schedule is followed to fix any spills or leaks.

In case any spills or leaks occur, facility's employees will contain the spill, clean up the leaks, and dispose it in a proper manner.

The following good housekeeping practices are employed at this facility to prevent storm water pollution:

- Work areas are kept well organized
- Routine cleanup operations are scheduled
- Operation and maintenance of industrial machinery is continually improved
- Careful material storage practices are implemented
- An up-to-date material inventory is maintained
- Drip pans or absorbent pads are used beneath leaking equipment
- Any leaks are immediately repaired
- Containment devices are regularly inspected for leaks and repaired immediately as needed
- Employees are trained on good housekeeping practices
- Tanks are periodically inspected for leaks
- Suitable clean up materials are provided near the locations where spills might easily occur, and spills will be cleaned up immediately

Housekeeping is practiced every day (as weather allows) to clean up scattered or windblown debris. All cleaned up material is either returned to the working face for disposal or placed back into the appropriate bins for removal off-site to a properly permitted facility.

2.6.1.3 ROUTINE VISUAL SITE INSPECTIONS

Visual inspections of the facility yard and equipment areas of potential storm water contamination are performed in accordance with this SWPPP. These inspections occur at appropriate intervals, as determined by the facility personnel.

Site inspector or his designee conducts **monthly** visual site inspections in all the areas of the facility where significant materials, which have a potential to contact storm water, are stored. If feasible, these monthly inspections will be conducted after a storm event and a **Jar Test**, in accordance with the Permit condition, will be conducted at each Outfall at the facility. These inspections are conducted at **least once a month** and are documented on the **Monthly Inspection Form** provided in **Appendix C** to this SWPPP**.**

2.6.1.4 STORM WATER VISUAL ASSESSMENT (JAR TEST)

The purpose of conducting visual site inspections is to make sure storm water discharges are free from objectionable characteristics (i.e., pollutants you can see, such as turbidity, color, sheen, etc.).

If feasible, these inspections will be conducted during or after storm events. As part of the inspection, storm water will be collected in a clean, clear jar and examined in a well-lit area. Should any of the objectionable characteristics described above be observed, 98 Waste Landfill will investigate upstream from the sample location to identify the potential sources of pollution and implement corrective action.

The SWPPP outlines procedures that are consistent with the requirements of the Permit to investigate, correct and document instances in which visible pollutants are observed. Monthly Visual Jar Test inspections will be logged in **Appendix D**.

2.6.1.5 SPILL PREVENTION AND RESPONSE PROCEDURES

Spills and leaks together are the largest source of storm water pollution. Areas where spills may occur and the anticipated drainage patterns of such spills are identified in this SWPPP. Specific material handling procedures and practices, which will minimize or mitigate oil or fuel spills, will be implemented.

It will be the Facility Spill Response Coordinator's responsibility to notify the Site Manager of any spills, who will determine if the spill needs to be reported to the regulatory authorities.

2.6.1.6 EMPLOYEE TRAINING

Employee training is a major component in ensuring the success of the facility's SWPPP. Knowledgeable employees, who are aware of the facility's SWPPP and what is expected of them, are more likely to implement the practices of the plan on a day-to-day basis.

An Environmental Training Program has been established for the facility. The components and goals of the SWPPP are included in the training program and are covered on an annual basis.

98 Waste Landfill will conduct storm water pollution prevention training for all employees at least once annually. Training includes discussion regarding SWPPP's goals, allowable non-storm

water discharges, non-allowable storm water discharges, SWPPP implementation, reporting, recordkeeping requirements, good housekeeping practices, spill response procedures, and other relevant topics specific to the facility's SWPPP.

A log of training activities is kept which includes the information regarding employees attending the training, instructor conducting the training, training topics, brief description of the program, and the meeting frequency. An **Employee Training Activities Log Form** is provided in this SWPPP document.

2.6.1.7 SEDIMENT AND EROSION PREVENTION

In general, all surface areas at the facility, which are not experiencing construction activity, are covered with buildings, grass, trees or gravel/asphalt road. These surfaces are not generally susceptible to erosion by regular storm water surface flow runoff. Surface areas and storm water inlets and outlets will be inspected periodically for signs of erosion. Bare or exposed areas will be stabilized and regressed properly. Any signs of erosion noticed will be immediately reported to the appropriate management. As the facility achieves interim and final waste grades or final closure, the facility will plant vegetative cover to stabilize the site. Disturbed areas will also be grassed to ensure vegetative stabilization.

2.6.2 STRUCTURAL CONTROLS

Structural control measures are necessary to control any pollutants that are still present in the storm water after the non-structural controls have been implemented. These types of controls are physical features that control and prevent storm water pollution. They can range from preventive measures to collection structures to treatment systems. Structural controls will require construction of a physical feature or barrier.

2.6.2.1 SEDIMENTATION BASINS WITH OUTLET STRUCTURES

All storm water collected within the permitted boundary will be diverted to sedimentation basins through a collection of channels and let down structures. The basins allow for the heavier sediment to settle out and cleaner water to be discharged from the site.

2.6.2.2 DIVERSIONS

Diversion practices are structures (including grading and paving) that are used to divert storm water away from high-risk areas and prevent contaminants from mixing with the runoff, or to channel contaminated storm water to a contaminant area.

2.6.2.3 STORM WATER CONVEYANCE CHANNELS

All the storm water conveyance channels at the site has a good grass cover and in some cases standing vegetation. This grass and vegetation helps filter storm water discharges. Storm water conveyance channels exist around the permitted perimeter of the disposal boundary and after the sedimentation basin outlets for a short length.

2.6.2.4 CONTAINMENT

Containment areas are structures designed to hold pollutants or contaminated storm water to prevent it from being discharged to surface waters. These structures can range from drip pans to large containment areas.

Containment structures have been installed in the following areas:

- Fuel Storage Area,
- Oil Storage Handling
- Drum Storage Areas

2.7 NON-STORM WATER DISCHARGE MANAGEMENT

As per the Permit requirements, following non-storm water discharges are allowed:

- Routine external building wash down that does not use detergents.
- Pavement wash waters where spills of leaks of toxic or hazardous materials have not occurred (Unless all spilled material have 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

In addition, facility will keep storm water discharges free from:

- 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 the receiving waters
- Chemicals in concentrations that would cause violation of the State Water Quality Criteria in the receiving waters

Appropriate Best Management Practices for these non-storm water discharges include:

- Checking pavements and building wash waters as generated for any evidence of significant amounts of oil and grease or suspended solids, and practicing any removal methods if present
- Reviewing the character of any non-storm water when generated to ensure that it is uncontaminated

2.8 ILLICIT CONNECTIONS

98 Waste Landfill will visually test all of the storm water discharge outfalls at the facility during dry weather and confirm that no non-storm water discharges are leaving the site. An illicit connections section is included in the monthly inspection report (**Appendix C**) to be completed every five years per the permit requirements.

2.9 SWPPP IMPLEMENTATION

As per the Permit requirements of SWPPP implementation the facility will:

- Implement the SWPPP
- Retain a copy of the SWPPP at the facility
- Make available a copy of the SWPPP to MDEQ inspectors for review at the time of on-site inspections
- Comply with the terms of the SWPPP upon commencement of the regulated activity
- Amend the SWPPP as and when needed
- Comply with local municipal storm water programs
- Implement steps necessary to meet the specific wasteload allocation, if established and applicable to facility's storm water discharges
- Submit any new storm water sampling data **within 90 days** of sampling

2.10 ADDITIONAL SWPPP REQUIREMENTS FOR FACILITIES SUBJECT TO SARA TITLE III, SECTION 313

98 Waste Landfill does not plan to dispose or handle any water priority chemicals listed under Title III of the Superfund Amendments Reauthorization Act (SARA). Therefore, no reporting of this subject is required by this facility.

2.11 SWPPP AMENDMENT

If notified at any time by the Executive Director of the MDEQ that this SWPPP does not meet the minimum requirements as per current Permit, the facility will amend the SWPPP and certify in writing to the Executive Director that the SWPPP has been updated and the requested changes have been made.

The SWPPP will also be amended whenever there is a change in design, construction, operation, or maintenance that may increase the discharge of pollutants to waters of the State or the SWPPP proves to be ineffective in controlling storm water pollutants. If amended, the facility will submit revision to the MDEQ upon commencement of any major updating or expansion activities of the landfill.

3.0 SITE INSPECTIONS, MONITORING, AND RECORDKEEPING

3.1 ANNUAL COMPREHENSIVE SITE INSPECTION AND SWPPP EVALUATION

The Permit requires an annual comprehensive site inspection. This inspection will be conducted annually during winter months, no later than December 31st. The inspection schedule for the facility is shown in the following **Table 4: Inspection Frequency**.

This evaluation will include the following:

- Visual inspection of material handling and storage areas and other potential sources of storm water pollution identified in the SWPPP. Areas will be inspected for evidence of, or the potential for, pollutants to enter the storm water sewer system
- Visual inspection of structural storm water management measures, sediment and erosion control measures, and other pollution prevention measures identified in the SWPPP to ensure they are implemented effectively
- Visual inspection of equipment needed to implement the SWPPP, such as spill response equipment
- Visual inspection of the storm water outfalls for evidence of, or the potential for, pollutants to enter the storm water
- Review of new locations of potential storm water contamination sources (e.g., new borrow areas)
- Review of overall structural/non-structural controls on reducing or eliminating storm water contamination
- Review and update of SWPPP

PPC Team Leader or his designee will conduct the annual site evaluation immediately after a significant rain event.

A report will be prepared documenting the findings of the annual site evaluation, including the following information:

- Date & Time of site evaluation,
- Name of the Inspector(s),
- Date & amount (in inches) of last rainfall,
- Deficiencies noted during the inspection (if any),
- Corrective actions needed (if any), and
- Certification as to whether or not pollution control measures are adequate and have been implemented and properly maintained.

Information obtained during the annual comprehensive site evaluation will be utilized to complete the **Annual Comprehensive Site Inspection and SWPPP Evaluation Form.** Annual Comprehensive Site Inspection and SWPPP Evaluation form is provided in **Appendix E** to this SWPPP.

Table 4: Inspection Frequency	
Inspection Type	**Inspection Frequency**
Routine Site Inspections	At Least Once Monthly
Annual Comprehensive Site Inspection & SWPPP Evaluation	Before January 1 (Once Annually)

3.2 MONITORING REQUIREMENTS

The monitoring requirements of this section are currently not applicable to this facility as the storm water from the facility is discharged to a waterbody for which wasteload allocation for a specific parameter(s) has not been established by a Total Maximum Daily Load (TMDL).

In the event that an approved TMDL for the receiving waterbody is established, then 98 Waste Landfill will comply with the monitoring requirement of this section of current Permit.

3.3 REPORTING

The **Annual Comprehensive Site Inspection and SWPPP Evaluation Form** will be filed on-site with the SWPPP and made available to MDEQ personnel for inspection upon request. 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.

3.4 RETENTION OF RECORDS

All records, reports, and information resulting from activities required by this Permit will be retained for a period of **at least three (3) years** from the date of the issuance of the Permit. All copies of the Annual Comprehensive Site Inspection and SWPPP Evaluation Form will be kept with the SWPPP in **Appendix E** of this SWPPP document.

4.0 Training

98 Waste Landfill will 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 will be performed at least once annually.

Newly hired employees responsible for implementing and/or complying with the requirements of this Permit will receive initial training prior to performing such responsibilities. All employees responsible for implementing and/or complying with the requirements of this permit will receive refresher training at a minimum of once every twelve (12) months, thereafter.

In compliance with the requirement of this Permit at a minimum training address the following elements, but not be limited to:

1. SWPPP goals and plan components identified in the Permit, including:

    - Housekeeping and pollution prevention requirements
    - Spill prevention and response procedures
    - Identification and elimination of non-allowable, non-storm water discharges
    - Installation, maintenance, and inspection of
        - Erosion and sediment controls for construction activities
        - Best Management Practices (BMPs) for industrial storm water and/or post-construction storm water.

2. Procedures for monitoring compliance with non-numeric and numeric limitations prescribed in the current 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 requirements; and

5. Applicable standard requirements contained in the current Permit.

5.0 Other Permit Conditions

5.1 Closure Requirements and Termination of Permit Coverage

In the event of closure of the facility and subsequent termination of this Permit the facility will comply with the requirements of termination of permit coverage as per the Permit guidelines.

5.2 Duty to Comply, Duty to Reapply, Duty to Mitigate, and Duty to Provide Information

The facility will comply with all conditions of this Permit. 98 Waste Landfill will take all responsible steps to minimize or prevent any discharge in violation of this Permit which is likely to adversely affect human health or the environment. 98 Waste Landfill will furnish to the Permit Board, within a reasonable time, any information that the Permit Board may request to determine compliance with this Permit.

5.3 Proper Operation and Maintenance of the Facility

The facility will, at all times, properly operate and maintain all the facilities and systems of treatment and control (and related appurtenances) which are or will be installed or used by the coverage recipient to achieve compliance with the conditions of this Permit, including the SWPPP.

Proper operation and maintenance includes adequate laboratory controls with appropriate quality assurance procedures and the operation of backup or auxiliary facilities when necessary to achieve compliance with permit conditions of this Permit including the SWPPP.

5.4 Signatory Requirements

98 Waste will comply with the signatory requirements in accordance with the Permit requirements.

5.5 Permit Transfers

The facility will comply with the requirement set forth in the Permit to transfer the Permit.

5.6 Bypass Prohibition

98 Waste Landfill will prohibit bypass unless the bypass was unavoidable to:

1. Prevent loss of life, personal injury, or severe property damage,
2. If there were no other feasible alternatives to the bypass, and
3. The permittee submitted notices as required under the Twenty-Four-Hour reporting requirements

In the event of an anticipated noncompliance or unanticipated noncompliance 98 Waste will notify MDEQ.

5.7 UPSET CONDITIONS

98 Waste will maintain the facility in order to avoid any upset conditions. In the event any upset conditions occur, 98 Waste will provide notices and reports to MDEQ.

5.8 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, will be reported to the:

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

2. National Response Center **(800) 424-8802**.

5.9 INSPECTION AND ENTRY

The facility will 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.

5.10 ANTICIPATED NONCOMPLIANCE

The facility will give **at least 10 days** advance notice to the MDEQ, if possible, before any planned noncompliance with the issued General Permit requirements.

5.11 UNANTICIPATED NONCOMPLIANCE

98 Waste will notify the MDEQ orally **within 24 hours** from the time owner or operator becomes aware of unanticipated noncompliance which may endanger health or the environment. A written report will be provided to the MDEQ **within 5 working days** of the time owner or operator becomes aware of the circumstances leading to the unanticipated noncompliance.

The report will include:

1. The cause of noncompliance
2. The exact dates and time
3. Steps taken or planned to reduce, eliminate, or prevent reoccurrence and,
4. If the noncompliance has not ceased, the anticipated time for correction.

5.12 TOXIC POLLUTANT NOTIFICATION REQUIREMENT

The facility will comply with the applicable provisions of 40 CFR 122.42.

PART 122—EPA Administered Permit Programs: The National Pollutant Discharge Elimination System
Subpart C §122.42 Additional conditions applicable to specified categories of NPDES permits (applicable to State NPDES programs, see §123.25).

a) *Existing manufacturing, commercial, mining, and silvicultural dischargers.*

In addition to the reporting requirements under §122.41(1), all existing manufacturing, commercial, mining, and silvicultural dischargers must notify the Director as soon as they know or have reason to believe:

1. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

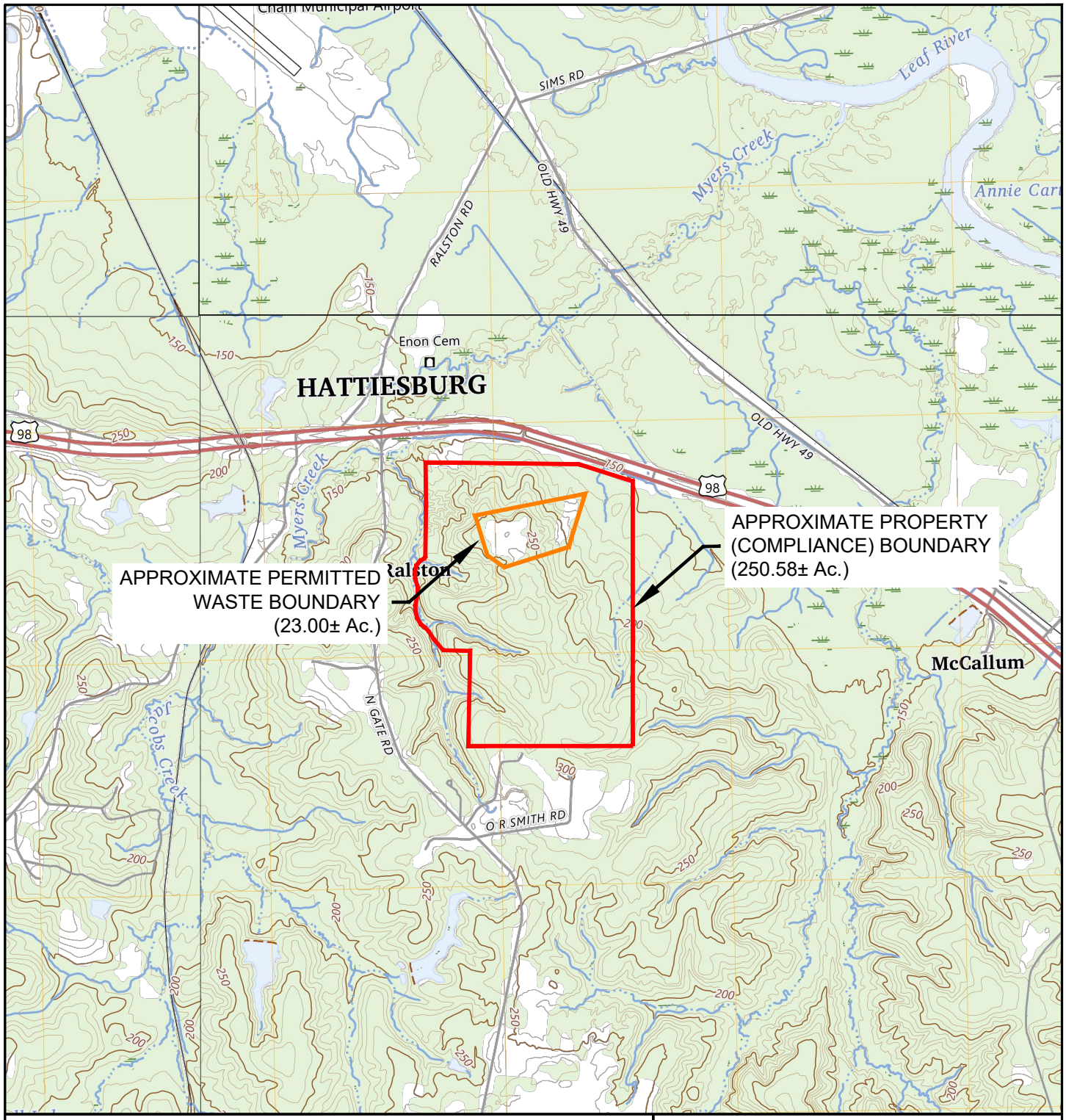
    (i) One hundred micrograms per liter (100 µg/l);
    (ii) Two hundred micrograms per liter (200 µg/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/l) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;
    (iii) Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with §122.21(g)(7); or
    (iv) The level established by the Director in accordance with §122.44(f).

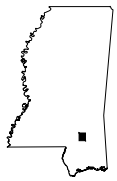
2. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

    (i) Five hundred micrograms per liter (500 µg/l);
    (ii) One milligram per liter (1 mg/l) for antimony;
    (iii) Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with §122.21(g)(7).
    (iv) The level established by the Director in accordance with §122.44(f).

(d) *Storm water discharges.* The initial permits for discharges composed entirely of storm water issued pursuant to §122.26(e)(7) of this part shall require compliance with the conditions of the permit as expeditiously as practicable, but in no event later than three years after the date of issuance of the permit.

Drawings





LEGEND

APPROXIMATE PROPERTY (COMPLIANCE) BOUNDARY

APPROXIMATE PERMITTED WASTE BOUNDARY

QUADRANGLE LOCATION
ADDRESS: U.S. HIGHWAY 98 EAST,
FORREST COUNTY, MISSISSIPPI 39401

SOURCE: USGS TOPOQUAD
MCLAURIN, CARTERVILLE,
DIXIE, HATTIESBURG

SCALE
0 1,000' 2,000' 4,000'

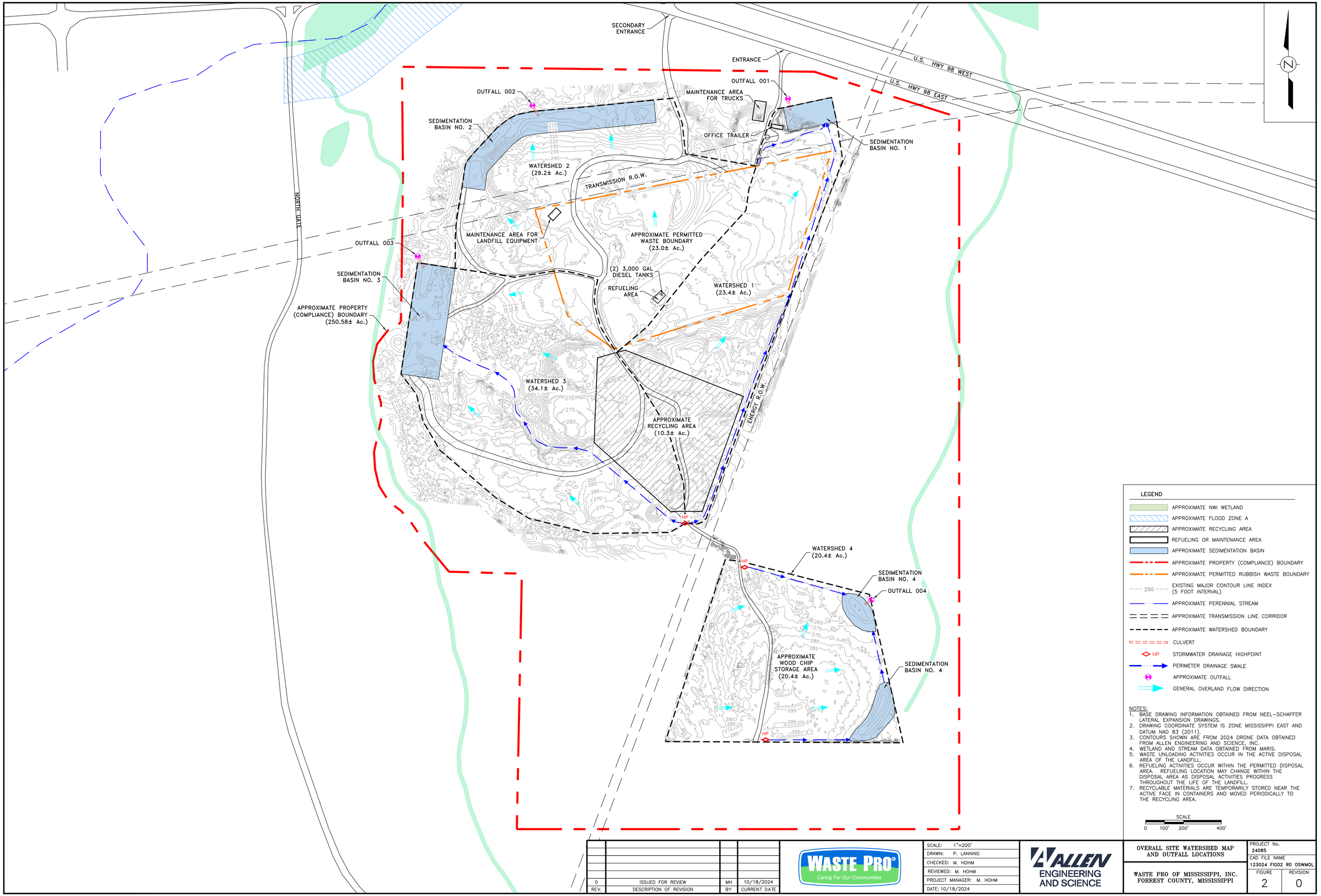
WASTE PRO OF MISSISSIPPI
FORREST COUNTY, MISSISSIPPI

ALLEN ENGINEERING AND SCIENCE

SCALE: 1"=2,000'	DRAWN BY: P. LANNING	DATE: 10/18/2024
	CHKD. BY: J. HILL	DATE: 10/18/2024
PROJECT NO. 24085	CAD FILE 24085 101824 FIG01 R0 SLM	

SITE LOCATION MAP

FIGURE 1



LEGEND

- APPROXIMATE NWI WETLAND
- APPROXIMATE FLOOD ZONE A
- APPROXIMATE RECYCLING AREA
- REFUELING OR MAINTENANCE AREA
- APPROXIMATE SEDIMENTATION BASIN
- APPROXIMATE PROPERTY (COMPLIANCE) BOUNDARY
- APPROXIMATE PERMITTED RUBBISH WASTE BOUNDARY
- 290 EXISTING MAJOR CONTOUR LINE INDEX (5 FOOT INTERVAL)
- APPROXIMATE PERENNIAL STREAM
- APPROXIMATE TRANSMISSION LINE CORRIDOR
- APPROXIMATE WATERSHED BOUNDARY
- CULVERT
- HP STORMWATER DRAINAGE HIGHPOINT
- PERIMETER DRAINAGE SWALE
- APPROXIMATE OUTFALL
- GENERAL OVERLAND FLOW DIRECTION

NOTES:
1. BASE DRAWING INFORMATION OBTAINED FROM NEEL–SCHAFFER LATERAL EXPANSION DRAWINGS.
2. DRAWING COORDINATE SYSTEM IS ZONE MISSISSIPPI EAST AND DATUM NAD 83 (2011).
3. CONTOURS SHOWN ARE FROM 2024 DRONE DATA OBTAINED FROM ALLEN ENGINEERING AND SCIENCE, INC.
4. WETLAND AND STREAM DATA OBTAINED FROM MARIS.
5. WASTE UNLOADING ACTIVITIES OCCUR IN THE ACTIVE DISPOSAL AREA OF THE LANDFILL.
6. REFUELING ACTIVITIES OCCUR WITHIN THE PERMITTED DISPOSAL AREA. REFUELING LOCATION MAY CHANGE WITHIN THE DISPOSAL AREA AS DISPOSAL ACTIVITIES PROGRESS THROUGHOUT THE LIFE OF THE LANDFILL.
7. RECYCLABLE MATERIALS ARE TEMPORARILY STORED NEAR THE ACTIVE FACE IN CONTAINERS AND MOVED PERIODICALLY TO THE RECYCLING AREA.

SCALE
0 100' 200' 400'

REV.	DESCRIPTION OF REVISION	BY	CURRENT DATE
0	ISSUED FOR REVIEW	MH	10/18/2024

WASTE PRO® Caring For Our Communities

SCALE: 1"=200'
DRAWN: P. LANNING
CHECKED: M. HOHM
REVIEWED: M. HOHM
PROJECT MANAGER: M. HOHM
DATE: 10/18/2024

ALLEN ENGINEERING AND SCIENCE

OVERALL SITE WATERSHED MAP AND OUTFALL LOCATIONS

WASTE PRO OF MISSISSIPPI, INC.
FORREST COUNTY, MISSISSIPPI

PROJECT No. 24085
CAD FILE NAME 123024 FIG02 RO OSWMOL
FIGURE 2
REVISION 0

Appendix A:
SWPPP Certification Form for Issuance

AI: 65831

MSR002555

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Rec'd via email: 01/13/2025

INDUSTRIAL STORMWATER NOTICE OF INTENT (ISNOI)

FOR COVERAGE UNDER THE INDUSTRIAL STORMWATER GENERAL NPDES PERMIT MSR00 2555 _ __

(NUMBER TO BE ASSIGNED BY STATE)

INSTRUCTIONS

Applicant must be the owner or operator (i.e., legal entity that controls the facility's operation, or the plant/site manager, not the environmental consultant). The owner or operator that receives coverage is responsible for permit compliance. File at least 60 days prior to the commencement of the regulated industrial activity.

Submittals with this ISNOI must include a Storm Water Pollution Prevention Plan (SWPPP) with the minimum components found in ACTs 5-8 of the Industrial Stormwater General Permit. In addition, a United States Geological Survey (USGS) quadrangle map (or a copy) showing site location and extending at least 1/2 mile beyond the site's property boundary is required. If a copy is submitted, provide the name of the quadrangle map that is found in the upper right hand corner. Maps can be obtained from the MDEQ, Office of Geology at 601-961-5523.

ALL FORM BLANKS MUST BE COMPLETED (enter "NA" if not applicable)

THE APPLICANT IS: ■ **OWNER** ■ **OPERATOR (PLEASE CHECK ONE OR BOTH)**

OWNER INFORMATION

Owner Contact Name: Robert Shoots **Position:** Regional Post Collection Manager

Owner Company Name: Waste Pro of Mississippi, LLC

Owner Street (P.O. Box): 4205 Beasley Road,

Owner City: Gautier **State:** MS **Zip:** 39553

Owner Phone Number: (225)-436-2538 **Owner Email:** Rshoots@wasteprousa.com

OPERATOR INFORMATION (if different than owner)

Operator Contact Name: Robert Shoots **Position:** Regional Post Collection Manager

Operator Company Name: 98 Waste, LLC

Operator Street (P.O. Box): 979 US-98

Operator City: Hattiesburg **State:** MS **Zip:** 39401

Operator Phone Number: (225-436-2538 **Operator Email:** Rshoots@wasteprousa.com

O.C

FACILITY INFORMATION

Facility Name: 98 Waste, LLC

Nature of Business (Include 4–digit Standard Industrial Classification Code (SIC) and description):

SIC Code: 4953 Rubbish Landfill

Receiving Stream: Unnamed Tributary of Leaf River

Is receiving stream on MDEQ's 303(d) List? ☐ Yes ■ No

Has a TMDL been established for the receiving stream segment? ☐ Yes ☐ No

Physical Site Address:

Street: 979 US-98 **City:** Hattiesburg

County: Forrest **Zip:** 39401

Latitude: 31 degrees 14 minutes 42.1 seconds **Longitude:** -89 degrees 14 minutes 07.4 seconds

Method Used to Determine Lat & Long (GPS of plant entrance) or Map Interpolation): Google Maps

Attach a copy of any existing laboratory data for each storm water outfall. If multiple sampling has been performed, provide a summary for each parameter, including sampling dates and the minimum, average and maximum values.

Is this a SARA Title III, Section 313 facility utilizing water priority chemicals at threshold amounts? ☐ Yes ■ No
If yes, please attach a list of water priority chemicals present at the facility.

DOCUMENTATION OF COMPLIANCE WITH OTHER REGULATIONS/REQUIREMENTS

Is this notice for a facility that will require other permits? ☒ **Yes** ☐ **No**

If yes, check which one(s): ☐ **Air,** ☐ **Hazardous Waste,** ☐ **Pretreatment,** ☐ **Water State Operating,** ☐ **Individual NPDES, or list Other(s):**

Class I Rubbish

How will sanitary sewage be collected and treated? Septic Tank

Indicate any local storm water ordinance with which the facility must comply and submit any documentation of approval.

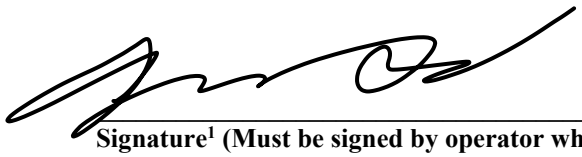
None

Is treatment of storm water provided at any outfall? ☐ **Yes** ☒ **No**

If yes, please describe: _____

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[1] (Must be signed by operator when different than owner)

1/2/2025

Date Signed

Robert Shoots

Printed Name[1]

Regional Post Collection Manager

Title

[1]This application shall be signed according to the General Permit, ACT 16, T-9, as follows:

- **For a corporation, by a responsible corporate officer.**
- **For a partnership, by a general partner.**
- **For a sole proprietorship, by the proprietor.**
- **For a municipal, state or other public facility, by principal executive officer, the mayor, or ranking elected official.**

After signing please mail to: **Chief, Environmental Permits Division**
MS Department of Environmental Quality, Office of Pollution Control
P.O. Box 2261
Jackson, MS 39225

Appendix B:
Monthly Significant Leaks and Spills Log

Facility Name _____

Spill & Leak Log Sheet

Month/Year _____

Physical Address _____

Permit Number _____

Instructions: A list of spills and leaks of toxic or hazardous pollutants that have occurred at the facility shall be documented on the Spill and Leak Log Sheet that is provided in the Individual NPDES Permit SWPPP Forms Package. A separate form shall be completed for each month that the facility is covered under this permit. If no spills have occurred, the form shall be completed by checking the available box and signing it as indicated. Permit 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.

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 TDEC (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 TDEC (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 TDEC (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 C:
Monthly Inspection and Visual Evaluation Form

INDIVIDUAL NPDES STORM WATER PERMIT
PERMIT NUMBER (MS__ __ __ __ __ __ __)
MONTHLY INSPECTION / VISUAL EVALUATION REPORT
(FOR INDUSTRIAL STORM WATER ACTIVITY)

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

As required by 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. Should the SWPPP need to be amended, a copy of the amended SWPPP must be submitted to MDEQ.

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 D:
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, permit 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.

Facility Name:	Physical Address:
Date:	Permit 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 E:
Annual SWPPP Evaluation Form

INDIVIDUAL NPDES STORM WATER PERMIT
PERMIT NUMBER (MS__ __ __ __ __ __)
ANNUAL SWPPP EVALUATION FORM
(FOR INDUSTRIAL STORM WATER ACTIVITY)

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Permit recipients shall conduct a comprehensive evaluation of the facility's SWPPP by December 31st in the year following issuance and annually thereafter. The evaluation shall assess the effectiveness and accuracy of the SWPPP and ensure that the SWPPP is current, up to date, and meets all requirements set forth in the permit. 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.

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?			
o Method of storage and disposal.	○	○	
o Management practices employed to minimize contact with storm water.	○	○	
o Structural and non-structural control measures to reduce pollutants in storm runoff.	○	○	
o 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. b) Vehicle/equipment repair, maintenance, and cleaning areas. c) Materials storage and handling areas. d) Loading/unloading areas. 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?	○	○	

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?: 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 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?	○	○	
• 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? **If so, amend the SWPPP and submit it to the MDEQ within 30 days of amendment.**	○	○	

V. MONTHLY INSPECTION SUMMARY (Previous 12 months)

DATE (mm/dd/yy)	TIME	ANY DEFICIENCIES?		IF YES, WERE CORRECTIVE ACTIONS TAKEN?		INSPECTOR(S)
		YES	NO	YES	NO	

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 Individual NPDES Storm Water Permit.

☐ The SWPPP is out of compliance with the terms and conditions of the Individual NPDES Storm Water 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 [*"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:
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 responsible for implementing and/or complying with the requirements of the permit shall receive refresher training by December 31st of each calendar year. 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.

Facility Name:	Physical Address:
Permit Number:	Training Date:
Training Topic:	
Training Description:	

Employee Name (printed)	Employee Signature	Worker ID Number	Initial/Refresher

"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