WALTER HUFF ENVIRONMENTAL ENGINEERING, LLC.
223 Woodrun Drive
Ridgeland, Mississippi 39157

March 5, 2024

Stormwater Branch
Mississippi Department of Environmental Quality
Office of Pollution Control
Post Office Box 2261
Jackson, Mississippi 39225

RE: RIMES MAGNOLIA LANDFILL NOTICE OF INTENT AND STORMWATER POLLUTION PREVENTION PLAN (SWPPP)
AGENCY INTEREST ID. 15346
MAGNOLIA, MISSISSIPPI

Dear Madam or Sir:

On behalf of Rimes Magnolia Landfill, LLC., Walter Huff Environmental Engineering is pleased to submit the attached Notice of Intent and Stormwater Pollution and Prevention Plan. Should you have any questions, please do not hesitate to call me at 601.540.7073.

Sincerely,
Walter Huff Environmental Engineering, LLC.

Walter E. Huff, P.E., BCEE
President

Attachments

RECEIVED
MAR 07 2024
Dept. of Environmental Quality

AI: 15346

MSR002530

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

RECEIVED

MAR - 7 2024

INDUSTRIAL STORMWATER NOTICE OF INTENT (ISNOI)

FOR COVERAGE UNDER THE INDUSTRIAL STORMWATER GENERAL NPDES PERMIT MSR00 2530

(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: Josh Rimes **Position:** President

Owner Company Name: Rimes Magnolia Landfill, LLC

Owner Street (P.O. Box): 2103 Highway 48

Owner City: Magnolia **State:** MS **Zip:** 39562

Owner Phone Number: 601-248-3774 **Owner Email:** _____

OPERATOR INFORMATION (if different than owner)

Operator Contact Name: _____ **Position:** _____

Operator Company Name: _____

Operator Street (P.O. Box): _____

Operator City: _____ **State:** _____ **Zip:** _____

Operator Phone Number: (___)_____ **Operator Email:** _____

O.C

FACILITY INFORMATION

Facility Name: Rimes Magnolia Landfill

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

SIC Code: 4 9 5 3 Refuse Systems

Receiving Stream: Little Tangipahoa 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: 2103 Highway 48 **City:** Magnolia

County: Pike **Zip:** 39562

Latitude: 31 degrees 07 minutes 56 seconds **Longitude:** 90 degrees 25 minutes 45 seconds

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

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):

Solid Waste

How will sanitary sewage be collected and treated? Septic

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: Outfall 001; North side of Landfill

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)

2/29/24
Date Signed

Josh Rimes
Printed Name[1]

President
Title

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

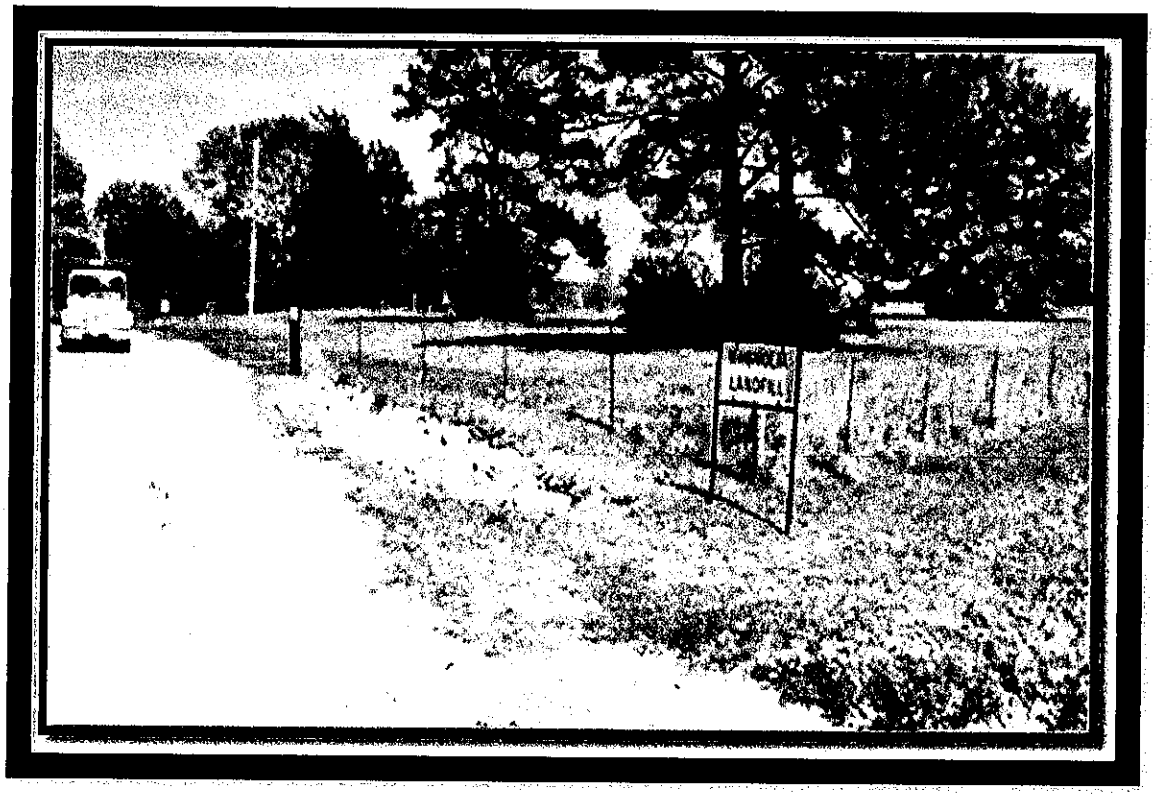
- For a corporation, by a responsible corporate officer.
- For a partnership, by a general partner.
- For a sole proprietorship, by the proprietor.
- For a municipal, state or other public facility, by principal executive officer, the mayor, or ranking elected official.

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

STORMWATER POLLUTION PREVENTION PLAN

(SWPPP)

MARCH 2024



RIMES MAGNOLIA LANDFILL, LLC

PREPARED BY

WALTER HUFF ENVIRONMENTAL ENGINEERING, LLC

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1.0 INTRODUCTION

The Clean Water Act as amended, and the rules and regulations promulgated under the authority of this Act require a permit for stormwater discharges. These requirements are set forth in the National Pollutant Discharge Elimination (NPDES) Stormwater Permit for the State of Mississippi. Regulatory applicability is determined by the specific description of the covered industry, or activity or by the Standard Industrial Classification (SIC) code. The Mississippi Department of Environmental Quality (MDEQ) NPDES Stormwater Permit authorizes discharges of stormwater within the State of Mississippi from facilities as defined in 11 Mississippi Administrative Code Part 4, Chapter 1.

The Permit requires Magnolia Landfill, LLC to develop and maintain a Stormwater Pollution Prevention Plan (SWPPP) for the landfill. The SWPPP must identify potential pollutant sources, describe, and ensure implementation of pollutant reduction practices, assure compliance with permit conditions, and incorporate appropriate spill/leak responses and structural and non-structural best management practices (BMPs).

1.1 Structure and Goals

The goal of the SWPPP is to control significant materials that may pollute storm water so that the concentrations of such materials in storm water discharges from the facility will not cause degradation of waters of the United States that result in violations of the State of Mississippi's water quality standards. To accomplish this goal, the SWPPP has the following objectives:

- Identify person(s) who will have supervision over the inspection and management of storm water controls;
- Identify the source(s) of significant material(s) that could mix with storm water and be discharged from the facility;
- Identify control measures (i.e., BMPs) to be used at the source to prevent significant material(s) from entering storm water;
- Ensure that the SWPPP is regularly evaluated and updated; and
- Ensure that only storm water is discharged from the facility or that non-storm water discharges are covered under the facility's wastewater permit for such discharges.

The SWPPP and associated reports, logbooks, runoff quality data, and supporting documents will be kept in one location at the site and will be available upon request by authorized representatives of the USEPA and the MDEQ.

2.0 SITE LOCATION AND DESCRIPTION

Rimes Magnolia Landfill, LLC (Magnolia Landfill) is located at 2103 Highway 48, Magnolia, Mississippi, latitude 31 degrees, 7 minutes, 56 seconds North, longitude 90 degrees, 25 minutes, 45 seconds West. The subject landfill encompasses approximately 8.69 acres of Class II landfills and proposed 3.85 acres of a Class I landfill. The total landfill capacity will be approximately 12.54 acres. At no time will more than 10 acres be disturbed at one time; therefore, a detention

pond is not required, but one will be built. Site location and features are shown on a topographic map and aerial photograph, attached as Figures 1 and 2.

The stormwater runoff from the facility drains into a sedimentation pond. In the event of a discharge from the sedimentation pond, the receiving stream would be the Little Tangapohoa River. A summary of the additional site information is provided below:

- Facility/Operator: Rimes Magnolia Landfill, LLC
- Mailing address: 2103 Highway 48, Magnolia, Mississippi 39652
- Telephone number: (601) 600-1617
- President/SWPPP contact: Josh Rimes
- Hours of operation: 8:00 a.m. – 4:00 p.m.
- SIC code: 4953

2.1 Site Drainage

The discharge, Outfall 001, is located on the north side of the landfill. The stormwater drains to the west into an unnamed tributary, then approximately two miles to the Little Tangipohoa River.

A Total Maximum Daily Load (TMDL) has been developed for one segment of the Little Tangipahoa River that has been placed on the Mississippi 1998 Section 303(d) List of Water Bodies as an impaired water body segment, due to biological impairment. A stressor identification study has been developed for this waterbody. Based on the available information, it was determined that the biological impairment was most likely due to elevated ammonia nitrogen and nutrient enrichment. Effluent from Rime Magnolia Landfill should not introduce any biological impairment to the Little Tangipahoa River.

3.0 POLLUTION PREVENTION COMMITTEE

The Pollution Prevention Team (PPT) is responsible for oversight, implementation, maintenance, and revision to the SWPPP.

The responsibilities of the Pollution Prevention Team are:

- Identify pollutant sources that may contact stormwater;
- Establish spill response and notification procedures;
- Assure employee awareness in storm water pollution prevention through training;
- Develop and implement BMPs;
- Evaluate the need for non-structural and structural controls;
- Review construction SWPPPs and activities to minimize impact on stormwater runoff;
- Review process changes and the potential impact on storm water pollution; and
- Annually review the SWPPP for its effectiveness and keep it updated.

The PPT consists of Josh Rimes, President, he will be the team leader. He will have signatory authority, oversight, implementation of the SWPPP and SWPPP training. His 24-hour cell phone number is (601) 248-3774.

3.1 Employee Training

Effective management of stormwater pollution requires all facility staff to be familiar with those conditions that may cause pollution. Furthermore, day-to-day proper use of BMPS by all employees is essential for the success of the SWPPP. Mr. Josh Rimes is the designated Pollution Prevention Team Leader (PTTL) and will be responsible for implementation of the guidelines established in the SWPPP.

The PPTL will be responsible for employee training. Training objectives consist of:

- Spill prevention and response;
- Good housekeeping practices;
- Material management practices; and
- Other general BMPs.

Training will be conducted on an annual basis, and information will be reviewed with new employees during their employee orientation. Regular feedback regarding the implementation of the plan will be encouraged. The stormwater management practices should be obtained from the operation staff by the PPTL. In addition, the PPTL will annually evaluate the effectiveness of the training program and make improvements to promote employee awareness. An Employee Training Record form is attached as Appendix A.

4.0 POTENTIAL SOURCES OF STORMWATER POLLUTANTS

A site visit was performed on February 06, 2024, by Mr. Walter E. Huff, P.E., BCEE, Walter Huff Environmental Engineering, LLC. Mr. Josh Rimes, President, accompanied Mr. Huff during the site visit. Exposed significant materials, existing stormwater management controls, and best management practices (BMPs) were identified during the visit. Additionally, procedures that would improve stormwater management were identified.

4.1 Inventory of Exposed Materials

The purpose of this section is to document areas at the facility where industrial materials or activities are exposed to stormwater. *Industrial materials or activities* include, but are not limited to the storage, loading, and unloading, transportation, disposal, or conveyance of raw materials, intermediate product, or waste product.

The following table includes a list of industrial activities that have the potential to be exposed to stormwater and the pollutants associated with these activities. The list of pollutants includes all significant materials that have been handled, treated, stored, or disposed of, and that have been exposed to stormwater.

Table 1: Description of Industrial Activities Exposed to Stormwater and Associated Pollutants

Activity	Pollutant Source	Pollutant
Material Storage	Sand, dirt, and petroleum products from machinery	Total Suspended Solids (TSS), pH, Oil and Grease (O&G)
Material Handling	Sand and dirt	TSS, pH
Vehicle and Equipment Washing	Residual sand and dirt, oil and grease, petroleum products	TSS, pH, O&G

4.2 Significant Spills and Leaks of Toxic or Hazardous Pollutants

This section includes a description of where potential spills and leaks could occur at the site that could contribute pollutants to stormwater discharge, and specifies which outfall is likely to be affected by such spills and leaks. This section also includes a description of significant leaks and spills in the past of oil or toxic or toxic or hazardous pollutants that occurred at exposed areas, or that drained to a stormwater conveyance.

There have been no significant spills at the property. In the event of a significant spill, a worksheet is attached as Appendix B that may be used to document leaks and spills. Any significant spill should be documented by recording the date, weather conditions, duration, cause, observable environmental impact, response procedures, parties notified, recommended revisions to the SWPPP, and operating procedures, and/or equipment needed to prevent reoccurrence.

Significant spills and leaks include, but are not limited to, releases of oil or hazardous substances more than quantities that are reportable under CWA Section 311 (See 40 CFR 110.6 and 40 CFR 117.2) or Sectio 102 of the CERCLA, 42 USC Section 9602.

Table 2: Areas of Site Where Potential Spills/Leaks Could Occur

Location	Outfall
Exposed Material Aggregate Storage Area	001
Solid Waste Storage Areas	001
Loading and Unloading Areas	001
Vehicle and Equipment Washing	001

5.0 POTENTIAL NON-STORMWATER DISCHARGES

Federal law and the Permit virtually prohibit non-storm water discharges unless specifically permitted under an NPDES permit. Based on the Rimes Magnolia Facility Permit, non-storm water discharges allowed include the following (if they do not cause or contribute to a violation of water quality standards):

- Discharges from actual fire-fighting activities;
- Fire hydrant flushing;
- Potable water sources including uncontaminated water line flushing;
- Uncontaminated air conditioning and compressor condensate
- Irrigation drainage;
- Landscape watering provided all pesticides, herbicides, and fertilizer have been applied in accordance with manufacturer's instructions;
- Washing of sidewalks, buildings, etc. to which no detergents have been added;
- Uncontaminated groundwater or spring water;
- Foundation or footing drains where flows are not contaminated with process materials such as solvents;
- Incidental windblown mist from cooling towers; and
- Discharges from wet deck storage areas.

These allowed non-storm water discharges are permitted to occur at the Magnolia Landfill facility. A site visit has been conducted to observe storm water flows and non-storm water flows at the Facility. No illicit connections or unpermitted non-storm water discharges were observed.

6.0 STORMWATER BEST MANAGEMENT PRACTICES AND CONTROLS

General facility BMPs such as identifying a pollution prevention committee, sediment and erosion control, preventative maintenance, good housekeeping, spill prevention, and response procedures, employee training, preventing non-stormwater discharges, and routine site inspection were developed. The pollution potential, existing BMPs, and BMPs to be implemented for the identified exposed significant materials were assessed. Descriptions of the BMPs are provided in the following sections.

The SWPPP for the Magnolia Landfill Facility includes a description of the general approach of applying BMPs. Storm water management control BMPs have been divided into the following categories:

- Good housekeeping;
- Preventative maintenance;
- Visual inspections;
- Spill prevention and response;
- Sediment and erosion control; and
- Management of runoff.

The BMPs described above include both structural controls and non-structural operating practices that can reduce the number of contaminants in storm water. Each BMP appropriate to the facility is discussed in the following sections.

6.1 Good Housekeeping

A clean and orderly work area reduces the potential of accidental spills caused by mishandling of chemicals and equipment. Good housekeeping BMPs employed at the facility are:

- Regularly picking up and disposing of garbage:
- Storing containers away from direct traffic areas;
- Storing containers to prevent corrosion by contact with moisture; and
- Discussing good housekeeping issues at employee meetings/training sessions.

6.2 Preventative Maintenance

The preventative maintenance program is focused on inspecting and maintaining stormwater management devices and controls and maintaining proper documentation for the facility. Specifically, the following items are addressed:

- Storing significant materials on areas exposed to stormwater;
- Clearing accumulated sediment from drains, culverts, and ditches;
- Inspecting drainage ditches for signs of erosion or sediment build up:
- Maintaining complete records on inspections and equipment;
- Maintaining safety data sheets (SDS) for all facility chemicals;
- Ensuring that all chemical containers are clearly labeled;
- Updating the SWPPP as needed to reflect changes in facility operations; and
- Inspecting equipment to preclude breakdowns or failures that may cause pollution.

6.3 Visual Site Inspections

The PPTL or his designee will perform routine visual inspections of the following areas:

- Areas scheduled for preventative maintenance;
- Areas where spills and leaks have occurred in the past;
- Material storage areas;
- Equipment areas; and
- Material handling areas (e.g., loading and unloading)

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 describes in 6.3.1 and 6.3.2.

In the event of an unanticipated breach of a sediment basin/pond temporary containment measure 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.

6.3.1 Weekly Inspections and Measurable Rainfall Events

All controls and outfalls/discharge points must be inspected after rain events that produce a discharge and at least weekly for all areas not stabilized. A weekly and after measurable rainfall events form is attached as Appendix E. Copies of completed weekly and after Measurable Rainfall Events Inspection forms should be kept with the SWPPP.

6.3.2 Monthly Inspection and Monthly Jar Test

Any stabilized area (i.e. - permanent vegetation established on exposed soils) must be inspected monthly. Monthly Inspection and Monthly Jar Test forms are attached as Appendix C. Copies of completed monthly inspection forms should be kept with the SWPPP.

6.4 Management of Runoff

Structural practices shall divert flows from exposed soils, store flows or otherwise limit run-off from exposed areas including the waste management area. Such practices may include, but are not limited to, construction entrance/exit, straw bale dikes, silt fences, earthen dikes, 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 controls.

6.5 Spill Prevention and Response Procedures

Total oil storage capacity observed on the site was 500 gallons. Oil storage capacity greater than 1,320 gallons requires a Spill Prevention Control and Countermeasure (SPCC) Plan. Based on an oil storage capacity of 500 gallons, an SPCC plan is not required for this facility.

6.6 Sediment and Erosion Control

Where significant materials are exposed, stormwater management practices will be employed to minimize contact of materials with stormwater. Structural and non-structural control measures will be employed to reduce pollutants in stormwater run-off.

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" 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". 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.

Controls shall be designed, installed, and maintained to retain sediment on-site and to minimize the discharge of pollutants. The SWPPP provides 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.

At a minimum, controls will be designed, installed and maintained to:
Control storm water volume and velocity within the site to minimize soil erosion;

- 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;
- Minimize the amount of soil exposed during the facility's activity;

- Minimize the disturbance of steep slopes;
- Minimize sediment discharges from the site;
- 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;
- Minimize soil compaction and, unless infeasible, preserve topsoil;
- 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;
- Transport runoff down steep slopes through lined channels or piping; and
- Minimize off-site vehicle tracking of sediments.

All stormwater flows to a sedimentation basin prior to stormwater being released through Outfall 001. Vegetative practices shall be designed to preserve existing vegetation where possible and re-vegetate disturbed areas as soon as practicable after grading or construction. Such practices may include, but are not limited to, surface roughening, temporary seeding, permanent seeding, mulching, sod stabilization, vegetative buffer strips, and protection of trees. When a disturbed area remains inactive for 30 days or more, the appropriate temporary or permanent vegetative practices shall be implemented within 7 calendar days.

A minimum buffer distance equal to or greater than 150 feet shall be provided between the property boundary and the upper bank of the sedimentation basin. Sedimentation basins shall be constructed prior to disposal area development.

Except for sedimentation basins, all accumulated sediment shall be removed from structural controls when sediment deposits reach 1/3 to 1/2 the height of the control. Afterwards, all removed sediment shall be properly disposed. For sedimentation basins, accumulated sediment shall be removed when the capacity has been reduced by 50%.

Non-functioning controls shall be repaired, replaced and/or supplemented with additional functional controls within 24 hours of discovery or as soon as field conditions allow.

Controls should be designed to meet the following criteria:

- Divert up-slope water around disturbed areas of the site;
- Limit the exposure of disturbed areas to the shortest amount of time as possible;
- Minimize the amount of surface area that must be disturbed;
- Implement best management practices to mitigate adverse impacts from stormwater run-off;

During facility construction, and subsequent facility cell construction, (e.g. clearing and grubbing) the owner/operator shall 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 this SWPPP.

7.0 ANNUAL SITE INSPECTIONS AND SWPPP EVALUATION

In addition to monthly visual inspections, a comprehensive site compliance inspection will be conducted at least annually. The objective of the evaluation is to assess the overall effectiveness of the SWPPP and to modify or improve the SWPPP as needed. Results of the annual inspection

of the SWPPP evaluation should be recorded on the Annual Comprehensive Site Inspection and SWPPP Evaluation Report Form attached as Appendix D. The annual inspection and SWPPP evaluation will address the following elements:

- Determine if pollution prevention measures are accurately identified in the plan, are in place and working;
- Determine if additional or alternative control measures are required;
- Inspect outfall for evidence of pollutants which may adversely affect receiving waters;
- Verify and update potential pollutant sources;
- Document findings;
- Modify or update the site map and attached worksheets to reflect current conditions; and
- Complete needed SWPPP modifications and submit to MDEQ.

7.1 Non-Stormwater Discharge Certification

Federal Law and the Stormwater Permit prohibit virtually all non-stormwater discharges unless specifically permitted under an NPDES permit. On February 6, 2024, A dry weather observation was conducted at the facility. No non-stormwater discharges were observed.
Potential non-stormwater discharges will be noted during monthly visual inspections, as well as the annual evaluation.

8.0 RECORDKEEPING AND REPORTING

8.1 Plan Amendment

Magnolia Landfill shall amend the SWPPP whenever in design, construction, operation, or maintenance, which may increase the discharge of pollutants to State waters or if the SWPPP proves ineffective in controlling stormwater pollutants and shall submit it to the MDEQ Permit Board within 30 days of amendment.

8.2 Reporting and Retention of Records

All records, reports, and information resulting from activities required by this permit shall be retained for a period of at least three years from the Notice of Intent, inspection, or report. The annual site inspection and SWPPP evaluation must be documented on copies of the Annual Comprehensive Site Inspection and SWPPP evaluation report and be kept with the SWPPP and submitted to the MDEQ annually postmarked no later than the 28th day of January for the proceeding calendar year. The report forms will be submitted to the MDEQ at the following address:

Chief, Environmental Compliance and Enforcement
Division Mississippi Department of Environmental
Quality Office of Pollution Control
Post Office Box 2261
Jackson, Mississippi 39225-2261

In the event anticipated, or unanticipated, non-compliance with the Stormwater Permit requirements, the following procedures will be followed:

- Anticipated Noncompliance – The owner or operator will give at least ten days advance notice, if possible, before any planned noncompliance with the permit; or

- Unanticipated Noncompliance – The owner will notify the MDEQ orally within 24 hours from the time that he, or she, becomes aware of unanticipated noncompliance. A written notice will be provided to the MDEQ within five working days of the time that he, or she, becomes aware of the circumstances. The written report must describe the cause, dates, and times, steps taken or planned to reduce, eliminate, or prevent reoccurrence of the noncompliance and if the noncompliance has not ceased, the anticipated time for the correction.

9.0 CERTIFICATION

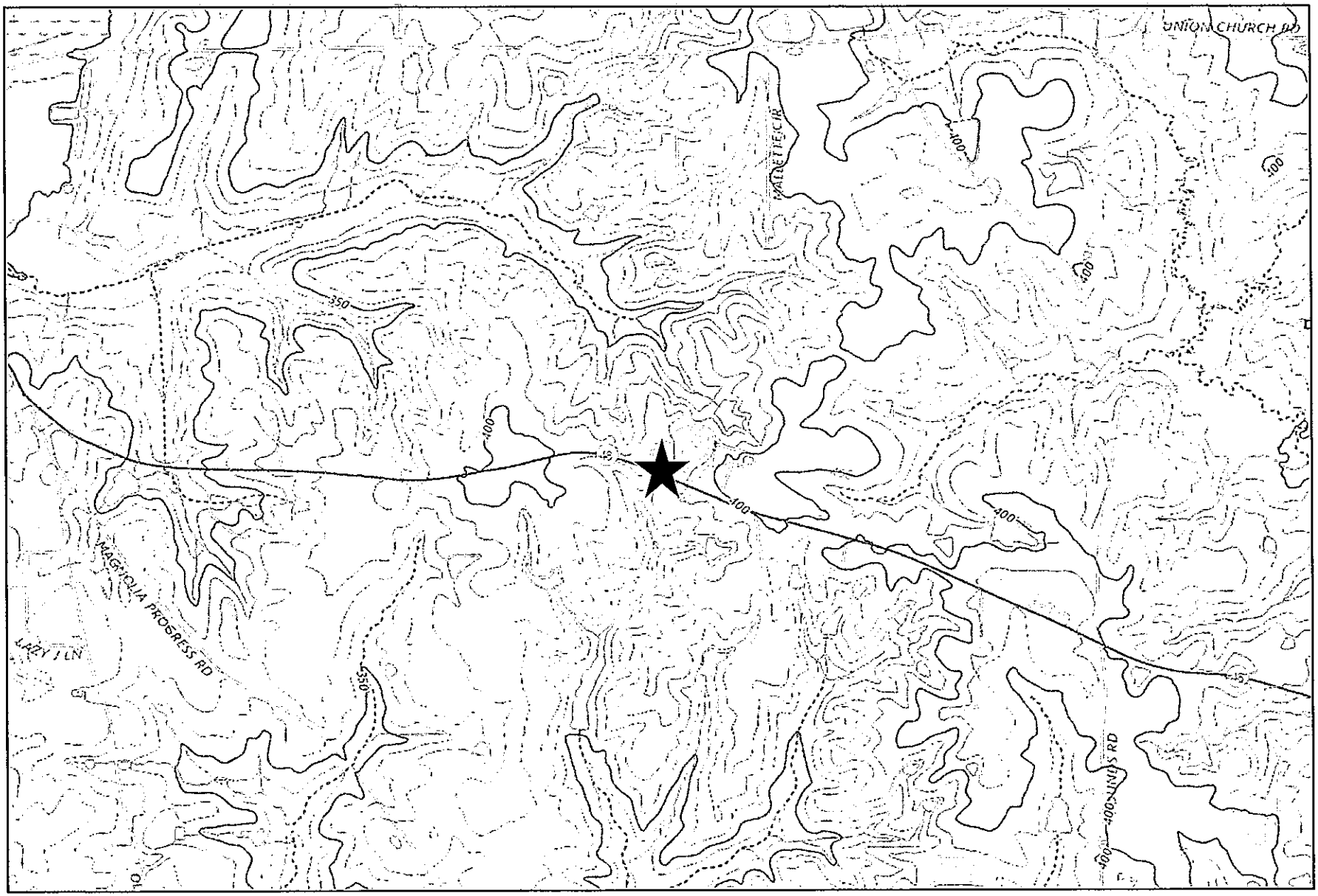
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person, or persons, who manages 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 there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Owner/Operator Whitney Rimes/Owner/Operator
Signature and Title

Rimes Magnolia Landfill, LLC.
Company

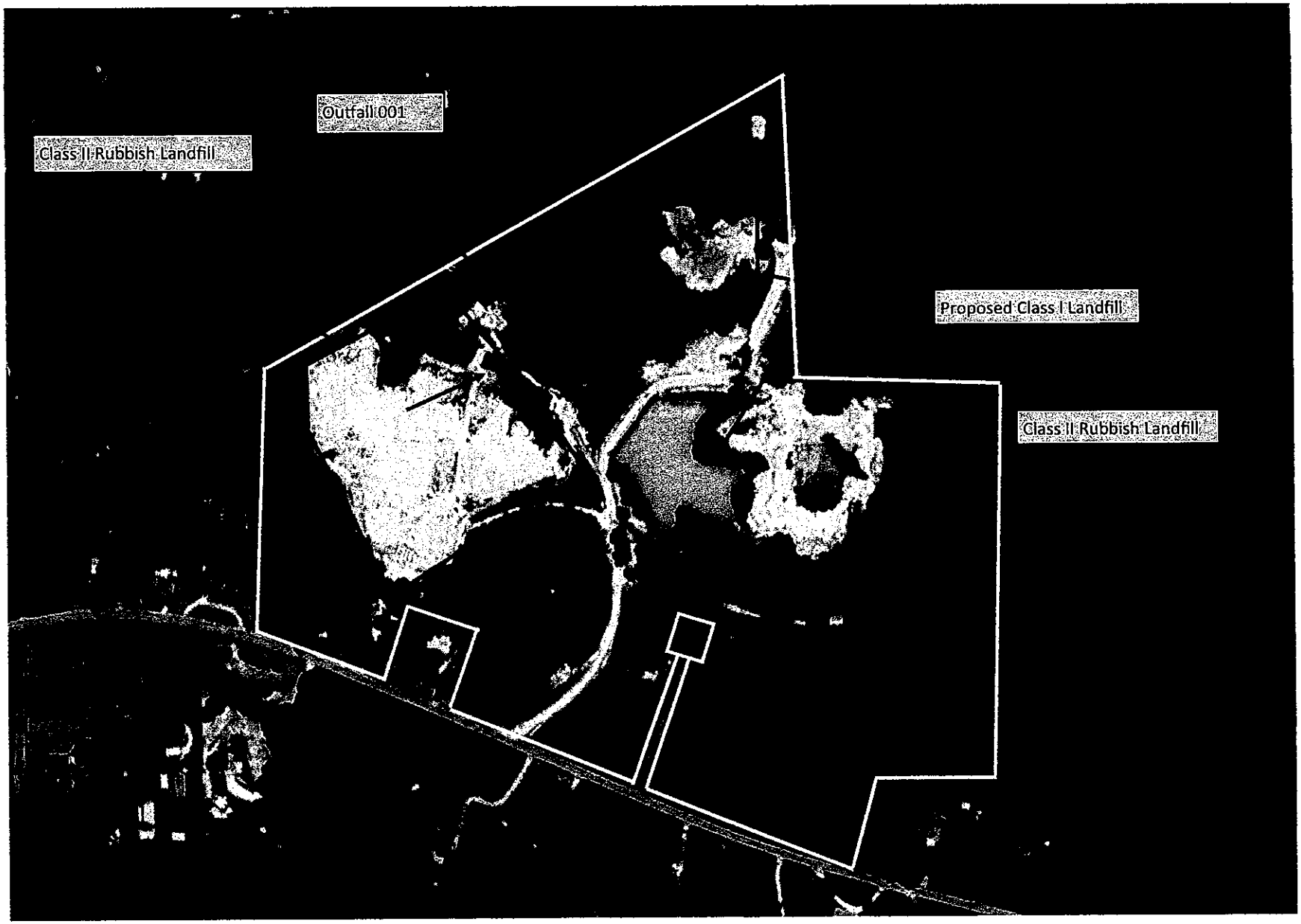
March 5, 2024
Date

FIGURES



★ Subject Property

Walter Huff Environmental Engineering, LLC	**MAP SOURCE: USGS**	**MAGNOLIA, LANDFILL MAGNOLIA MISSISSIPPI**	SCALE: 1" ~ 1,400'	**TOPOGRAPHIC MAP South McComb Quadrangle**	FIGURE 1	N



Groundwater Flow Direction

Approx. Subject Property

Walter Huff Environmental Engineering, LLC	MAP SOURCE: GOOGLE EARTH IMAGERY DATE: 11/30/2019 SCALE: AS SHOWN	**Rimes Magnolia Landfill, LLC** **Magnolia, Mississippi**	Not to scale	AERIAL MAP	FIGURE 2	N

APPENDIX A

EMPLOYEE TRAINING RECORD

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

"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 B

SPILL AND LEAK LOG

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 C

MONTHLY INSPECTION FORM

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**

Monthly Visual Jar Test Inspection Form

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 D

ANNUAL INSPECTION AND SWPPP EVALUATION

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?			
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? (see ACT14)	○	○	

APPENDIX E

WEEKLY INSPECTION

WEEKLY AND AFTER MEASUREABLE RAINFALL EVENTS INSPECTION FOR FOR OUTFALL 001 AND DISTURBED AREAS

For <u>disturbed</u> areas there must be a weekly inspection <u>OR</u> when there is a discharge at Outfall 001 structural controls such as silt fences, check dams, etc) must be inspected and then the results recorded.

DATE	TIME	INSPECTOR	ANY STRUCTURAL FAILURES?	
			NO	IF YES, WHAT WERE THEY AND WHEN WERE THEY REPAIRED