AI: 7377

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

RECEIVED
FEB 26 2024
Dept. of Environmental Quality

INDUSTRIAL STORMWATER NOTICE OF INTENT (ISNOI)

Coverage # : MSR002527

FOR COVERAGE UNDER THE INDUSTRIAL STORMWATER GENERAL NPDES PERMIT MSR00 2527

(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: Jeffrey Barwick **Position:** Dir. Env. Comp.

Owner Company Name: Norfolk Southern Railway Company

Owner Street (P.O. Box): 650 West Peachtree Street, NW Box 27

Owner City: Atlanta **State:** GA **Zip:** 30308

Owner Phone Number: (4704238527 **Owner Email:** jeffrey.barwick@nscorp.com

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

INFORMATION

Facility Name: Hattiesburg Yard

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

SIC Code: 4011 Railroads, Line Hauling Operation

Receiving Stream: Gordons Creek

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: 709 East Front Street **City:** Hattiesburg

County: Forrest **Zip:** 39401

Latitude: 31 degrees 19 minutes 50 seconds **Longitude:** -89 degrees 17 minutes 05 seconds

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

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):

How will sanitary sewage be collected and treated? Municipal Sanitary Sewer

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

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.

DocuSigned by:

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

2/19/2024
Date Signed

Jeffrey Barwick
Printed Name[1]

Director Env. Compliance
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

STORM WATER POLLUTION PREVENTION PLAN

HATTIESBURG YARD
709 EAST FRONT STREET
HATTIESBURG, MISSISSIPPI 39401

Prepared for:

NORFOLK SOUTHERN RAILWAY COMPANY
650 West Peachtree Street, N.W., Box 27
Atlanta, Georgia 30308

Prepared by:

TRC ENGINEERS, INC
50 International Drive, Suite 150
Greenville, South Carolina 29615

FINAL

February 2024

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MANAGEMENT CERTIFICATION

Norfolk Southern Railway Company
650 West Peachtree St. NW, Box 27
Atlanta, Georgia 30308

ALL CONCERNED

Re: Hattiesburg Yard - Storm Water Pollution Prevention Plan

This Storm Water Pollution Prevention Plan (SWPPP) was developed for the Norfolk Southern Railway Company (NSRC) Hattiesburg Yard as required by the December 10, 2020, Mississippi Department of Environmental Quality (MDEQ) Industrial Storm Water General Permit for Industrial Activities No. MSR000000 and the National Pollutant Discharge Elimination System (NPDES) regulations and relevant laws of the State of Mississippi. Designated employees should review this plan and follow it during their daily operations.

The signature below certifies management's approval of this plan in accordance with Act 16 T-12 of the Industrial Storm Water General Permit.

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 gather and evaluate 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.

Name: Jeffrey Barwick

Title: Director Environmental Compliance

Signed: DocuSigned by: Jeffrey Barwick 86F1FC96C... Date: 2/19/2024

Responsible Corporate Officer

INTERNAL NORFOLK SOUTHERN IMPLEMENTATION GUIDELINES

The Pollution Prevention Team Leader/Responsible Supervisor and members of the Pollution Prevention Team must review this entire plan to:

- Ensure that all site-specific descriptions, data, contacts, and other information in the plan are accurate and complete; and
- Implement this plan as of the current revision date.

Signature below indicates that the Pollution Prevention Team member has reviewed this plan as of the current revision date and certifies review and implementation according to the following statement.

I certify that I have personally examined and am familiar with the information in this plan and that, based on my inquiry of those individuals responsible for obtaining this information, I believe that the site-specific information is true, accurate, and complete. I further certify that I will implement this plan as of the current revision date according to my role and responsibility on the Pollution Prevention Team.

Name: Crystal McNeely

Title: Manager Environmental Operation — Pollution Prevention Team Leader

Signed: DocuSigned by: Crystal McNeely, MPA 719237F7F2C240B... Date: 2/20/2024

INTERNAL NORFOLK SOUTHERN REVISION GUIDELINES

The Pollution Prevention Team Leader/Responsible Supervisor:

- Reviews and evaluates the SWPPP contained herein for the NSRC Facility, assuring its accuracy and applicability;
- Authorizes amendment(s) or revision(s) and assures that they are prepared and implemented. As required by NSRC guidelines, the SWPPP will be reviewed by NSRC every year, and no later than 90 days after the permit is effective;
- Notifies the Environmental Compliance Officer for SWPPP updates (**Record of Change**) of amendment(s) or revision(s) which could affect the accuracy of this Plan; and
- Assures this Plan is amended within 30 days of changes in facility design, construction, operation, or maintenance which materially affects the potential for storm water to be exposed to significant materials.
- The SWPPP must be modified within 30 days of a release with the potential to impact storm water equal to or in excess of a reportable quantity and provide a description of the release, the circumstances leading to the release, and the date of the release.

The SWPPP must be modified within 30 days of a change in a control or procedure implemented in response to a corrective action incident. Complete the Record of Change each time this Plan is reviewed and, if needed, the Management Certification.

If the review of this SWPPP results in amendment(s) or revision(s), a copy of this page, signed by the reviewing party and including copies of the pages marked to indicate the amendment(s) or revision(s), should be sent to the Environmental Compliance Officer for SWPPP updates (**Record of Change**) within 30 days.

RECORD OF CHANGE

Hattiesburg Yard Storm Water Pollution Prevention Plan – Record of Changes				
Change Number	**Date of Change**	**Page Numbers Changed**	**Description of Change**	**Change Authorized By**
1	February 2024	Entire SWPPP	Prepare BMP Plan, General Permit effective December 10, 2020	Terri Allen

COMPLIANCE SCHEDULE FOR HATTIESBURG YARD

Frequency	Owner	Description	Follow-Up Actions
Monthly	Qualified personnel with Pollution Prevention Team member	Conduct Routine Facility Inspections for conditions that could adversely impact storm water runoff. If feasible, conduct when storm water discharge is occurring, but at least one inspection shall be conducted during a period when a storm water discharge is occurring. Use a blank MDEQ Monthly Inspection/Visual Evaluation Report Form in **Appendix A.** Inspections should be completed by qualified personnel listed on the annual employee training log only. Inspections forms will either be retained in hard copy in Appendix B or electronically.	Initially correct unsatisfactory conditions as soon as practicable and (if needed) complete subsequent actions before the next storm event and within 7 days. If applicable, document the corrective action taken. Any poorly functioning controls or BMPs, non-compliant discharges, or any other deficiencies observed during the inspections shall be corrected as soon as possible, but not to exceed 7 days of the documented deficiency unless unsafe to do so.
Monthly	Qualified personnel	Conduct Monthly Visual Assessments of storm water discharge. Use a blank MDEQ Monthly Visual Jar Test Inspection Form in **Appendix A.** Inspections forms will either be retained in hard copy in Appendix B or electronically.	Initially correct unsatisfactory conditions as soon as practicable and (if needed) complete subsequent actions before the next storm event and within 7 days. If applicable, document the corrective action taken.
Monthly	Qualified personnel	Conduct a monthly review of any spill or leaks at the facility and complete the MDEQ Monthly Spill and Leak Log Sheet in **Appendix A.** Inspections forms will either be retained in hard copy in Appendix B or electronically.	Conduct an evaluation of BMPs to determine if any changes need to be made to reduce the risk of spills or leaks. Determine if corrective actions need to be implemented and complete a Corrective Action Report (CAR).

COMPLIANCE SCHEDULE FOR HATTIESBURG YARD

Frequency	Owner	Description	Follow-Up Actions
Annually	Pollution Prevention Team members	Discuss SWPPP, compliance, inspection, and preventative maintenance procedures. Complete annual training for the Pollution Prevention Team Members by December 31st of each calendar year. Document annual training on the MDEQ Employee Training Log Form in **Appendix A.** Employee training forms will either be retained in hard copy in Appendix C or electronically.	If needed, update SWPPP and/or procedures.
Annually	Qualified personnel with Pollution Prevention Team member	Conduct Annual Comprehensive Site Inspection. Use a blank MDEQ Annual Comprehensive SWPPP Evaluation Report form in **Appendix A.** Submit original Report to NS Environmental for Responsible Official signature. Inspections forms will either be retained in hard copy in Appendix B or electronically.	Initially correct unsatisfactory conditions as soon as practicable and (if needed) complete subsequent actions before the next storm event and within 30 days. If applicable, document the corrective action taken. The Annual Comprehensive SWPPP Evaluation Report does not need to be submitted to the state, but must be maintained with the Plan.
Annually	Qualified personnel or Pollution Prevention Team member	Review SWPPP and associated documents.	Revise and update SWPPP if: (a) facility changes have occurred that could significantly affect the quality of storm water discharge or (b) control measures prove ineffective. Document review and changes on **Record of Change.**
Annually	Qualified personnel and Pollution Prevention Team members	Conduct employee training annually or as soon as practicable for new employees for those working in areas where industrial activities/material are exposed to storm water or those responsible for implementing the SWPPP. Document training using the Employee Training Log Form in **Appendix A.**	Document training using the Employee Training Log Form in **Appendix C.** Inspections forms will either be retained in hard copy or electronically.

COMPLIANCE SCHEDULE FOR HATTIESBURG YARD (CONTINUED)

Frequency	Owner	Description	Follow-Up Actions
Once per NPDES General Permit term	Qualified personnel	Evaluate presence of non-storm water discharges. Use a blank Non-Storm Water Discharge Form in **Appendix A** and maintain a final signed copy in **Appendix B**.	Initially correct unsatisfactory conditions as soon as practicable and complete (if needed) subsequent actions before the next storm event and within 30 days. If applicable, document the corrective action taken.
Permit Term	Pollution Prevention Team members	Recoverage of Reissued Industrial Storm Water General Permit	MDEQ will provide a Letter of Instruction to active permit holders outlining the process for obtaining coverage under the reissued permit. If the permit is not reissued prior to the expiration date, the current permit will be administratively continued.

1 FACILITY INFORMATION AND CHARACTERISTICS

This SWPPP is prepared for the Hattiesburg Yard (Facility) in Hattiesburg, Mississippi. The Facility is covered under an NPDES Industrial Storm Water General Permit for Industrial Activities with authorization to discharge under the NPDES and the Mississippi Water Pollution Control Act. The NPDES General Permit number is MSR000000 and is effective until November 30, 2025. The NPDES Industrial General Storm Water Permit (provided in **Appendix D)** authorizes the discharge of storm water associated with industrial activity.

The Hattiesburg Yard is a transportation facility, Standard Industrial Classification [SIC] Code 4011, where railcars are separated and reassigned to other trains (classification). Additionally, the facility also conducts fueling. Storm water at the Facility may be impacted with significant materials (a significant material is a material that has a potential to be released with storm water). Therefore, all storm water discharges associated with industrial activity at the Facility are regulated by this NPDES General Permit. As a result, the NPDES General Permit requires the Facility to develop and implement a SWPPP which must satisfy the requirements as outlined in the NPDES General Permit.

1.1 FACILITY INFORMATION

Facility information is provided in **Table 1-1.**

TABLE 1-1: FACILITY AND CONTACT INFORMATION

Owner/Operator Name	Norfolk Southern Railway Company
Facility Name	Hattiesburg Yard
Location (Street Address)	709 East Front Street
City	Hattiesburg
State	Mississippi
Zip Code	39401
County	Forrest
Latitude and Longitude	N. Latitude 31° 19' 50" W. Longitude -89° 17' 05"
Type of Facility	Classification yard, Direct-To-Locomotive Fueling, and petroleum storage.

TABLE 1-1: FACILITY AND CONTACT INFORMATION

Facility Contacts		
Name	**Position**	**Contact Information**
Pollution Prevention Team		
Crystal McNeely	Team Leader/Manager Environmental Operations	Mobile: 205-937-4104 Crystal.McNeely@nscorp.com
Troy Carpenter	Team Leader Alternate	Mobile: 404-520-2461 Troy.Carpenter@nscorp.com
Norfolk Southern Internal Contacts		
Terri Allen	Manager Environmental Compliance 650 West Peachtree St. NW, Box 27 Atlanta, GA 30308	Mobile: 404-904-5122 Terri.Allen@nscorp.com
Bryan Naranjo	System Manager Environmental Operations	Mobile: 678-772-0998 Bryan.Naranjo@nscorp.com
Elliott Austin	Hazardous Materials Compliance Officer	Work: 470-392-8811
Robert Wood	Director Hazardous Materials	Mobile: 404-989-2523 Robert.Wood@nscorp.com
Jeffrey Barwick	Director Environmental Compliance	Mobile: 470-423-8527 Jeffrey.Barwick@nscorp.com
Gulf Railroad Operations Department		
NOC Coordination Desk		470-463-1000
Gulf Chief		470-463-1013
Gulf Manager Train Operations		404-877-9665
Gulf Manager of Mechanical Operations		404-792-5070
Senior Manager Train Operations Operations Control Center Atlanta, GA		404-529-1758
NSRC 24-hour Emergency Hazardous Materials Number		800-453-2530
NSRC Police Communications Center		800-453-2530
Federal Agency Contacts		
National Response Center (for reportable spills)		800-424-8802
Federal Railroad Administration		800-724-5993
U.S. Environmental Protection Agency – Region 4		404-562-9900
National Transportation Safety Board (NTSB)		202-314-6000

Local and State Agencies	
Local Fire Department – Hattiesburg Fire Department Emergency Non-emergency	 911 208-888-1234
Local Police Department –Attalla Police Department Emergency Non-emergency	 911 256-538-7837
Emergency Medical and Ambulance Emergency	 911
Hospitals: Riverview Regional Medical Center	 256-543-5200
Local Emergency Planning Commission (LEPC) Lauderdale County Emergency Management	 601-482-9852
Mississippi Emergency Management Agency	601-933-6362 or 800-222-6362
Emergency Response Contractors	
HEPACO – Birmingham Service Center 24-hour response or	 800-888-7689 770-934-1180
Marion Environmental Inc – Birmingham Office – 24-hour response	888-888-8149

1.2 FACILITY CHARACTERISTICS

The Hattiesburg Yard is located in the southwest portion of the city of Hattiesburg, Forrest County, Mississippi. The Facility is oriented in a southwest-northeast direction between Newman Street and East Front Street. The Facility primarily functions as a classification yard where railroad cars on incoming trains are separated and reassigned to other trains. Activities conducted at the Facility include Direct to Locomotive (DTL) fueling and petroleum storage. The DTL fueling is conducted by an independent fueling contractor in the DTL Fueling Area, as indicated in **Figure 2**. The DTL Fueling Area is equipped with a gravel pad adjacent to the tracks. There is no curbing or drains for storm water conveyance.

The Facility is located within approximately a 1-mile radius of Gordons Creek, which is not classified as an impaired water body. Generally, in order to protect against potential releases, discharge control points are identified where Facilities and contract personnel can deploy response equipment and materials to contain and recover potential releases. MDEQ does not specifically require identification of discharge control points, however in an effort to maintain consistency with other NSRC SWPPPs, discharge control points can be interchanged with identified Outfalls. These discharge control points are identified on **Figure 2.**

The Facility characteristics described above are based on Facility inspections, map reviews, and NSRC personnel interviews. **Figure 1** shows the features in the vicinity of the Facility. **Figure 2** provides a plan view of the Facility layout and drainage patterns.

1.3 DRAINAGE CHARACTERISTICS AND OUTFALLS

Drainage patterns at the Facility are influenced by the ground surface features, which include gravel, tracks, pavement, catch basins, ditches, and vegetation. Topography at the Facility and surrounding area is predominantly flat.

The interior drainage patterns at the Facility are such that most natural drainage is by dispersed overland flow and eventual infiltration through the railyard ballast that covers the majority of the site. Storm water runoff from the area around the DTL Area (Maintenance of Way (MoW)/Yard Office) sheet flows to the north-northeast then into a storm drain located on the northeastern edge of the pavement that surrounds the Transportation office building. This storm drain is connected to a drainpipe that discharges to a ditch that flows off-site beneath East Front Street to the northwest via Outfall 001. Storm water runoff from the petroleum storage area (DSA-1/Track Grease) flows west to a drainpipe that discharges to a catch basin at East Front Street via Outfall 002. Discharges from Outfalls 001 and 002 ultimately flow to Gordons Creek to the north-northeast of the Hattiesburg Yard via an unnamed tributary.

2 SIGNIFICANT MATERIALS AND SPILL RECORD

2.1 SIGNIFICANT MATERIAL DESCRIPTION

A significant material is a substance associated with an industrial activity which, when exposed to precipitation, has the potential to be carried with storm water to a receiving water body. **Table 2-1** summarizes the primary significant materials used at the Facility, including method of storage, storage and dispensing location, likelihood of contacting storm water and the Best Management Practices (BMPs) that are employed for protecting storm water. **Table 2-1** also includes any equipment, parts or significant materials that are stored outdoors and may be exposed to storm water runoff.

2.2 SUMMARY OF POTENTIAL POLLUTANT SOURCES

Table 2-2 describes the industrial activities that could cause significant materials to be exposed to storm water. **Table 2-2** also contains a description of potential pollutant sources and the areas at the facility where industrial materials or activities occur that are exposed to storm water or from which allowable non-storm water discharges could originate. It should be noted that DTL is periodically performed using a mobile refueler. Though DTL refueling is not subject to the provisions of NPDES General Permit, good housekeeping practices are still employed as a means of preventing pollution resulting from DTL operations.

2.3 SPILL SUMMARY

No significant spills or leaks of oil or toxic or hazardous pollutants have occurred at exposed areas and contributed pollutants to storm water discharges, or drained to a storm water conveyance, in the 3 years prior to the preparation of this SWPPP revision. **Table 2-3** is reserved to document significant spills or leaks, if they should occur, and further documented on the required MDEQ Monthly Spill and Leak Log Sheet in **Appendix A** or maintained electronically.

2.4 PREVIOUSLY COLLECTED INFORMATION

Historically, benchmark monitoring has not been required for the Hattiesburg Yard. This section is not required.

2.5 ALLOWABLE NON-STORM WATER DISCHARGES

Allowable non-storm water discharges that may occur at the Facility include as detailed in Act 2, T-3 of the Industrial Storm Water General Permit:

- Discharges from actual fire-fighting activities (not planned exercises);
- Fire hydrant flushing;
- Water used to control dust;
- Potable water sources, including uncontaminated water line flushing;
- Routine external building wash down that does not use detergents;

- Pavement wash waters where spill or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents are not used;
- Uncontaminated condensate from air conditioners or compressor condensate;
- Incidental windblown mist from cooling towers that collects on rooftops or adjacent portions of the facility, but not intentional discharges from the cooling tower (*e.g.*, "piped" cooling tower blowdown or drains);
- Uncontaminated ground water or spring water;
- Foundation or footing drains where groundwater is not contaminated with process materials such as solvents;
- Uncontaminated excavation dewatering;
- Landscape irrigation drainage; and,
- Water used to wash vehicles where surface waters are not impacted by pollutants associated with industrial activities and hazardous cleaning products.

If any of these activities are conducted, the resulting non-storm water discharges must be monitored and visually inspected for indicators of water quality (*e.g.*, odor, sheen, foam, etc.).

TABLE 2-1: SIGNIFICANT MATERIALS POTENTIALLY EXPOSED TO STORM WATER

Container	Capacity (gal)	Significant Material	Method of Storage	Storage/ Dispensing Location	Likelihood of Contact With Storm Water	Direction of Flow/ Outfall	BMP Utilized
Generator 1	240	Diesel	Steel Tank	South of the MoW/Yard Office	Low - AST has secondary containment	Drains to Outfall 001	Spill Prevention
Drum Storage Area 1 (DSA-1)	Up to 330	Lube Oil	55 Gallon Steel Drum	MoW Storage area (Covered Shed)	Low– Covered drums storage area; drums have secondary containment	Drains to Outfall 002	Spill Prevention
DSA-2	Up to 330	Unknown	55 Gallon Steel Drum	Structures Storage Shed	Low– Covered drums storage area; drums have secondary containment	Drains to Outfall 001	Spill Prevention
DTL Fueling Area (Transfer Operations)	NA	Diesel	Mobile Fueling Truck	DTL Fueling Area	Moderate	Drains to Outfall 001 via Sheet Flow	Inspections, Spill Prevention and Response
Dumpsters	Varies	Trash, Various Pollutants	Dumpster	Throughout the Facility	Medium – BMP Controlled	Drains to Outfall 001/Outfall 002	Covered Trash Receptacles
Used Battery Boxes	four batteries	Battery Acid	Plastic Storage Bin	Communications and Signals Storage	Medium – BMP Controlled	Overland Flow, Drains to Outfall 002	Covered Battery Storage
Material Storage Areas	Varies	Rail ties, locomotive parts, miscellaneous materials	Pallets, direct contact with ground	Throughout the Facility	High – stored outside in uncovered areas	Overland Flow	Limited contact with potential pollutants

TABLE 2-2: COMMON ACTIVITIES, POLLUTANT SOURCES, AND ASSOCIATED POLLUTANTS

Activity	Pollutant Source	Potential Pollutant
Fueling	Spills and leaks during fuel delivery	Fuel, oil, heavy metals
	Spills caused by "topping off" fuel tanks	
	Rainfall falling on the fuel area or storm water running onto the fuel area	
	Leaking storage tanks	
	Fluids replacement, including oil, hydraulic fluids, transmission fluid, radiator fluids	
	Leaking vehicle fluids including hydraulic lines and radiators, leaking, or improperly maintained locomotive on-board drip collection systems, brake dust	
Maintenance-of-Way outdoor vehicle and equipment storage and parking	Loading traction sand on locomotives	Oil, hydraulic fluids, arsenic, heavy metals, organics, fuel
Liquid storage in above ground storage	Installation problems	Oil, grease, heavy metals, materials being stored
	Spills and overfills due to operator error	
	Failure of piping systems (pipes, pumps, flanges, couplings, hoses, and valves)	
	Spills and overfills due to operator error	
Petroleum loading/unloading	Corrosion and leaks	Oil, grease
Battery Storage	Corrosions and leaks	Heavy metals and acid

TABLE 2-3: SIGNIFICANT SPILL AND RELEASE SUMMARY

Date	Material Released	Released From/ Capacity in Gallons	Volume Released	Source of Release/ Cause	Corrective Actions	Effective Secondary Containment	Amount to Water	Enforcement Actions	Effectiveness of Monitoring Equipment
None									

3 CONTROL MEASURES

Control measures or BMPs are the processes, activities, or physical structures that reduce the amount of pollution entering storm water runoff. These practices can range from keeping work areas clean to the installation of a new wastewater treatment system.

The permit requires facilities to implement control measures. The following sections describe the types of control measures that are implemented and utilized by the Facility.

These control measures will be implemented to the extent that they are technologically available and economically practicable and achievable in light of best practice in the railway industry.

3.1 MINIMIZE EXPOSURE

NSRC will minimize the exposure of manufacturing, processing, and material storage areas (including loading and unloading, storage, disposal, cleaning, maintenance, and fueling operations) to rain, snow, snowmelt, and runoff by either locating these industrial materials and activities inside or protecting them with storm resistant coverings to the extent practicable.

In minimizing exposure, permittees should pay particular attention to the following:

- Prevent or reduce runoff of storm water away from these areas (see **Table 2-2**) by the grading of the site, including berms or curbs;
- Locate materials, equipment, and activities so that leaks are contained in existing containment and diversion systems (*e.g.*, confine the storage of leaky vehicles and equipment awaiting maintenance to protected areas);
- Clean up spills and leaks promptly using dry methods (*e.g.*, absorbents)
- Use drip pans and absorbents under or around leaky vehicles and equipment or store vehicles and equipment indoors;
- Drain all parts of fluid prior to disposal;
- Locate spill/overflow protection equipment in areas prone to such occurrences;
- Drain fluids from equipment and vehicles prior to on-site storage (unless draining fluids may result in damage to the equipment or vehicle) or disposal;
- Perform all cleaning operations indoors, under cover, or in bermed areas that prevent runoff and run-on and also capture any overspray; and
- Ensure that a wash water drains to a collection system.

3.2 GOOD HOUSEKEEPING

NSRC will keep clean exposed areas that are potential sources of pollutants. The Facility will implement control measures by:

- Sweeping at periodic intervals or, alternatively, washing down areas and collecting and/or treating and properly disposing of the wash down water.
- Storing materials in applicable containers.
- Keeping all dumpster lids closed when not in use. For dumpsters and roll off boxes that do not have lids and could contaminate storm water, ensure that discharges have a control (*e.g.*, secondary containment).
- Minimizing the potential for waste, garbage, and floatable debris to be discharged by keeping exposed areas free of such materials, or by intercepting them before they are discharged.

3.3 MAINTENANCE

NSRC will regularly inspect, test, maintain, and repair equipment and systems to avoid situations that may result in leaks, spills, and other releases of pollutants in storm water discharged to receiving waters.

Nonstructural control measures will also be maintained (*e.g.*, keeping spill response supplies available, training personnel). If control measures need to be replaced or repaired, the necessary work will be completed as expeditiously as practicable. The Facility will implement control measures by:

- Performing inspections and preventive maintenance of storm water drainage structures, source controls, treatment systems, and plant equipment and systems that could fail and result in contamination of storm water.
- Maintaining non-structural control measures (*e.g.*, keep spill response supplies available, personnel trained).
- Cleaning catch basins, conveyances, etc., when the depth of debris reaches two-thirds of the sump depth and keeping the debris surface at least 6 inches below the lowest outlet pipe and/or in accordance with manufacturer's recommendations or as otherwise appropriate.

3.4 SPILL PREVENTION AND RESPONSE PROCEDURES

NSRC will minimize the potential for leaks, spills, and other releases that may be exposed to storm water and effectively respond to spills if or when they occur. The Facility uses:

- Containers, which are plainly labelled to encourage proper handling and facilitate rapid response if spills or leaks occur;

- Barriers are used between material storage and traffic areas, secondary containment is present around tanks, and procedures are posted for material storage and handling;
- Procedures are used for expeditiously stopping, containing, and cleaning up leaks, spills, and other releases;
- Employees who may cause, detect, or respond to a spill or leak are trained in these procedures and have necessary spill response equipment available;

As the situation warrants, the response procedures (relating to spill discovery, containment, cleanup, and notification) described in this section will be followed.

1. ***Ensure the safety of yourself and other employees in the area*** – Never compromise the safety of an employee. If an employee is injured, immediately contact the supervisor for further instructions.
2. ***All attempts should be made to stop the spill at its source*** – If no danger to an employee exists, attempt to stop the spill at its source. In many cases, simple steps, such as turning valves or plugging leaks, can stop the flow at its source.
3. ***Notify the Pollution Prevention Team Leader*** – The first person on the scene should immediately notify the Pollution Prevention Team Leader or an alternate. The Pollution Prevention Team Leader or an alternate will always be on the site or on call. Emergency contact information is provided in **Section 1.1**.
4. ***Assess the spill*** – The Pollution Prevention Team Leader or designated personnel will immediately determine the character, exact source, and amount of any released materials. Response personnel will determine the need for notification of authorities and regulatory agencies and make a determination regarding steps required to safeguard personnel (*i.e.*, evacuation, personal protection, etc.) and mitigate the spill (*i.e.*, utilize absorbent materials and booms, create ditch blocks, etc.).
5. ***Spill containment*** – Immediately after determination of what safety precautions and containment equipment are required, containment procedures should be implemented. Containment points include those perimeter outfalls that may be affected by the spill. Portable booms, sorbents materials, and earthen ditch blocks may be used to prevent contaminants from entering discharge areas.
6. ***Spill cleanup*** – To the extent practicable, spilled material should be retrieved and stored in leak-proof containers until it can be disposed of properly. Clean-up equipment includes pads, booms, and absorbent materials. Absorbent pads are located in the trailer adjacent to the DTL Fueling Area and in the Track Department Building. Contaminated equipment should be properly decontaminated or disposed of properly. Depending upon the nature and extent of the release, the following procedures should be utilized:
    - Whenever possible, dry clean-up methods, such as sweeping and sorbents, should be utilized.
    - When dry clean-up methods are not practicable or when the spilled substance is a liquid, booms and sandbags are used to prevent the release of the

substance to the storm and sanitary sewer systems. In the event of a significant liquid spill, the Pollution Prevention Team Leader, or designee, will determine if an outside contractor should be contacted.

7. ***Disposal of contaminated material*** – Contaminated material shall be disposed of in accordance with all federal, state, and local regulations. Exact means of disposal will depend upon the nature and volume of the contaminated material.
8. ***Record spill event information*** – The Pollution Prevention Team Leader shall ensure that a record of the spill event is made as soon as practicable after the event in order to recall as much detail as possible. The record should include the location of the spill; spill time and date; applicable weather conditions; duration of the incident; a description of the type and amount of material spilled and recovered; a brief description of the cause of the spill and any environmental damage; a list of parties notified; and a description of response procedures. In addition, an evaluation should be conducted to determine measures that can be implemented to prevent a repeat of the incident. Additionally, the Record of Spills in **Appendix B** should be updated.
9. ***Update the Plan*** – The historical leaks and spills record should be updated to include information from the event and entered in **Appendix B.** The Plan will also be revised to reflect any changes in facility modifications or operating procedures resulting from the evaluation of the incident.
10. ***Replace used spill equipment*** – Following each spill event, the inventory of response equipment will be assessed and restocked, as necessary.

3.5 EROSION AND SEDIMENT CONTROL

NSRC will stabilize exposed areas and manage runoff using structural and/or non-structural control measures to minimize onsite erosion and sedimentation and the resulting discharge of pollutants. Vegetated areas are maintained in various areas of the facility to reduce erosion and control sediment transport. If necessary and feasible, flow velocity dissipation devices will be placed at discharge locations to minimize channel, streambank erosion and scour.

3.6 RUNOFF MANAGEMENT

NSRC will divert, infiltrate, reuse, contain, or otherwise reduce storm water runoff to minimize pollutants from discharging to receiving waters to the maximum extent practicable.

3.7 DUST GENERATION AND VEHICLE TRACKING OF INDUSTRIAL MATERIALS

NSRC will minimize generation of dust and off-site tracking of raw, final, or waste materials by periodic sweeping of areas near storm water drains and conveyances to the extent practicable.

3.8 WASTE, GARBAGE AND FLOATABLE DEBRIS

NSRC will ensure that waste, garbage, and floatable debris are not discharged to receiving waters by keeping exposed areas free of such materials or by intercepting them before they are discharged.

3.9 SALT STORAGE OR PLASTICS MANAGEMENT

There is no salt storage present and re-production plastic is not managed at the Facility. Therefore, corrective measures are not applicable.

3.10 INDUSTRY-SPECIFIC CONTROL MEASURES

As discussed previously, due to the site-specific activities performed, the Facility falls under Sector P of the EPA Multi-Sector General NPDES Permit. Therefore, the Sector P BMPs are applicable to the Hattiesburg Yard as indicated below.

3.10.1 VEHICLE AND EQUIPMENT STORAGE AREAS

Minimize the potential for storm water exposure to leaky or leak-prone vehicles/equipment awaiting maintenance. Consider the use of drip pans under vehicles/equipment, store vehicles and equipment indoors, install berms or dikes around storage areas, use absorbents to remove spilled fluids, cover storage areas, and clean pavement surfaces to remove oil and grease.

3.10.2 FUELING AREAS

Minimize contamination of storm water runoff from fueling areas. The Hattiesburg Yard employs the following BMPs in the DTL Fueling Area: use spill/overflow protection and cleanup equipment; minimize storm water run-on/runoff to the fueling area; and use dry cleanup methods; and posted unloading and loading procedures.

3.10.3 MATERIAL STORAGE AREAS

Maintain material storage vessels (*e.g.*, for batteries, used oil/oil filters, spent solvents, paint wastes, hydraulic fluids) to prevent contamination of storm water and plainly label them (*e.g.*, "Used Oil," "Spent Solvents"). Hattiesburg Yard minimizes contamination of storm water from material storage areas by storing drums inside or in covered storage areas to reduce the chance of containers coming into contact with storm water. The facility also utilizes spill containment pallets to contain any spills from damaged drums.

3.10.4 LOCOMOTIVE SANDING AREAS

Hattiesburg Yard does not perform locomotive sanding activities.

3.10.5 PROHIBITED DISCHARGES

This permit does not authorize the discharge of wash water used to clean vehicles, equipment, or exposed surfaces, including tank-cleaning operations. Allowed non-storm water discharges are provided in **Section 2.5**.

4 RELEASE REPORTING PROCEDURES

4.1 FACILITY RESPONSE

Employees are responsible for the clean-up of any spill. Personnel should ensure that spills are contained on-site and do not enter any off-site storm drains. Small, routine drips and spills may be cleaned by applying loose absorbent to the spill and then disposing of the absorbent properly. Based on the limited petroleum storage, the Facility is not required to maintain a Spill Prevention, Control, and Countermeasure (SPCC) Plan. The mobile equipment utilized for DTL fueling is not staged or parked at the Hattiesburg Yard.

In the event a spill has the potential to leave the Facility or be discharged from the Facility, emergency response equipment and materials can be deployed at the storm water discharge points identified on **Figure 1** and **Figure 2**. The spills can be controlled and mitigated using spill kits on the fueling truck or spills kits stored at the Facility. These spills must be reported immediately to the PPT and the Division MTO (see **Table 1-1**).

4.2 INCIDENT REPORTING

In the event of a non-incidental discharge of fuel, oil, toxic or hazardous substance, or extremely hazardous substance rapid notification of Site response personnel, spill response contractors, and (as applicable) Federal, State, and local regulatory agencies can be essential to protecting the environment. Unless specified otherwise by state-specific regulation, reportable quantities are established under either 40 CFR Part 110, 40 CFR Part 117, or 40 CFR Part 302 for reportable quantities released during a 24-hour period. There are no state-specific reporting thresholds in Mississippi. Therefore, in the case of applicable oil releases (40 CFR Part 110), an observed or measured sheen into surface water bodies constitute a reportable quantity. Depending on the nature of the release, the NRC, Mississippi Emergency Management Agency (MEMA), MDEQ, and LEPC may be contacted. In addition, a spill response contractor may need to be contacted to control and clean up a non-incidental discharge.

Preliminary information about the discharge will be collected, so the required information is transmitted to the regulatory agencies and spill response contractors, as needed.

Notifications will not be delayed while obtaining information about a discharge.

Reportable spills will be documented, and these records retained.

5 POLLUTION PREVENTION TEAM

The Pollution Prevention Team is responsible for ensuring the development and implementation of the SWPPP. Members include management level personnel and those familiar with the Facility. In addition, the team must be aware of changes to the Facility and implement necessary changes to the SWPPP.

5.1 TEAM POSITION DESCRIPTIONS

The following presents descriptions of the positions and their responsibilities:

- Team Leader - The leader is responsible for ensuring the implementation of the SWPPP at the Facility level. The Team Leader must be aware of any significant changes to the Facility and is also responsible for ensuring the SWPPP is reviewed annually for accuracy and applicability as described in the Compliance Schedule.
- Team Members - The members are responsible for implementation of the SWPPP at each department level. Team members are to communicate with the Team Leader on SWPPP implementation issues and significant Facility changes.

5.2 TEAM PERSONNEL

Team personnel are listed in **Table 1-1**.

6 FACILITY INSPECTIONS AND MONITORING REQUIREMENTS

The permit requires periodic Facility inspections. The goals of the inspections are to review Facility operations and locations for storage of significant materials, evaluate the Facility drainage characteristics, ensure maintenance of BMPs, and identify significant materials exposed to precipitation.

Facility Pollution Prevention Team members will meet together at least annually for the purpose of discussing this SWPPP, compliance, inspection, and preventive maintenance procedures.

6.1 ROUTINE FACILITY INSPECTIONS

NSRC will conduct Routine Facility Inspections of areas of the Facility where industrial materials or activities are exposed to storm water, and of storm water control measures used to comply with the conditions of this permit. They will be conducted at least monthly (*i.e.*, once each calendar month). If feasible the inspections should be conducted during or promptly after storm events; however, if not feasible the routine inspections should be conducted at least once each calendar year during a period when a storm water discharge is occurring. Site inspections shall be implemented by authorized personnel as listed on the annual employee training log.

These Routine Facility Inspections will be conducted by qualified personnel with at least one member of the Pollution Prevention Team. The results of this inspection will be documented on the MDEQ Monthly Inspection/Visual Evaluation Form (**Appendix A**). Inspection forms will either be retained in hard copy in Appendix B or electronically.

If conditions are discovered which could impact storm water quality, the Pollution Prevention Team Leader should arrange for corrective action or designate an individual to make such arrangements. Any poorly functioning controls or BMPs, non-compliant discharges, or any other deficiencies observed during the inspections shall be corrected as soon as possible, but not to exceed 7 days of the documented deficiency unless unsafe to do so. The complete checklist, along with any records of corrective actions (*i.e.*, Corrective Action Report), will be maintained as hard copy or electronically, for a minimum of three years after the date that coverage under this permit expires or is terminated.

6.2 MONTHLY VISUAL INSPECTIONS

Each month, a Team Member or qualified designee will collect a representative storm water sample from each outfall and conduct a visual assessment of the sample.

These samples must be collected consistent with 40 CFR 136 and be representative of the storm water discharge. They will be collected in a clean, clear glass or plastic container and examined in a well-lit area. Samples should be collected within the first 30 minutes of discharge from a storm event. If it is not possible, the sample must be collected as soon as possible after the first 30 minutes. Samples should be collected at least 72 hours from the previous discharge. If it is not possible to collect the sample on discharges that occur at least 72 hours from the previous

discharge, the sample will be collected as close to this storm interval as practicable and NSRC will document why it was not possible to take samples from a 72-hour storm interval. Samples should be visually inspected for the following water quality characteristics: color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of storm water pollution. The results of this assessment will be documented on the MDEQ Monthly Visual Jar Test Inspection Form (**Appendix A**). Inspection forms will either be retained in hard copy in Appendix B or electronically.

If adverse weather conditions prevent the collection of visual samples during the monthly period, a sample must be taken during the next qualifying storm event. The rationale for not conducting a visual assessment for the month must be documented on the MDEQ Monthly Visual Jar Test Inspection Form located in **Appendix A.** Inspection forms will either be retained in hard copy in Appendix B or electronically.

6.3 ANNUAL COMPREHENSIVE SITE INSPECTION

The Annual Comprehensive SWPPP Evaluation Report will be conducted by qualified personnel with at least one member of the Pollution Prevention Team. They will cover areas identified as potential pollutant sources where industrial materials or activities are exposed to storm water, areas where control measures are used, and areas where spills and leaks have occurred in the past 3 years. The results of the Annual Comprehensive SWPPP Evaluation Report will be documented on the MDEQ Annual Comprehensive SWPPP Evaluation Report Form (**Appendix A**). Inspection forms will either be retained in hard copy in Appendix B or electronically. The Annual Report Form is not required to be submitted to MDEQ but must be available for MDEQ representatives if requested. The MDEQ Annual Comprehensive SWPPP Evaluation Report Form must be signed by a duly authorized representative.

The Pollution Prevention Team leader and members do not have the authority to sign the MDEQ Annual Comprehensive SWPPP Evaluation Report Form as a duly authorized representative. The form should be submitted to the NS Corporate Environmental for official signature. The form must be signed in accordance with the provisions outlined in ACT16, T-9 or T-10 of the permit. Coverage recipients may use an alternate form to record this information, so long as it includes all of the information on the Annual Comprehensive SWPPP Evaluation Form referenced in the appendices, per 11 Miss. Admin. Code Pt. 6, Ch. 1.].

6.4 INSPECTION FOR NON-STORM WATER DISCHARGES

NSRC will certify that outfalls have been visually tested or evaluated at least once per NPDES General Permit term for the presence of non-storm water discharges other than the allowable non-storm water discharges currently in the permit (see **Section 2.5**). The certification will include the identification of potential significant sources of non-storm water at the site, the date of any visual testing and/or evaluation, and the on-site outfalls that were directly observed during the visual test.

The results of the non-allowable, non-storm water inspections will be documented on the Non-Storm Water Inspection Form (**Appendix A**). Inspection forms will either be retained in hard copy (**Appendix B**) or electronically following completion of the inspection.

If a non-storm water discharge occurs from a storm water outfall, despite the fact that no rainfall has occurred for several days, it will be necessary to determine the source. The Manager Environmental Operations must be notified (**Table 1-1**).

As an alternative, facilities that certify on their Annual Report that analyses have been completed of as-built drawings and/or piping and drainage schematics within the last 5 years satisfy this requirement.

6.5 BENCHMARK MONITORING

The storm water discharges and receiving streams are neither impaired nor is the facility subject to additional monitoring requirements due to SARA Title III Section 313. Hence, the facility does not require benchmark monitoring per the NPDES General Permit.

7 CORRECTIVE ACTIONS

Corrective action will be implemented as soon as practical for:

- An unauthorized release or discharge (*e.g.*, spill, leak, or discharge of non-storm water not authorized by this or another NPDES permit),
- A discharge that violates a numeric effluent limit,
- When an existing control measure is not stringent enough to meet applicable water quality standards,
- An MDEQ official or local Municipal Separate Storm Water System (MS4) representative determines that modifications to the control measures are necessary to meet the control measures/BMPs of the NPDES General Permit, or
- Control measures that are not being properly operated or maintained.

If subsequent actions are needed, they should be implemented before the next storm event if possible, or as soon as practicable following that storm event.

Within 24 hours of discovery or by the end of the next business day the Facility will document the corrective action taken in a Corrective Action Report (CAR). The completed CAR results will be documented electronically. The CAR will identify the condition triggering the corrective action, a description of the problems, and the date the problem was discovered. Within 30 days of discovery, NSRC will update the CAR with a summary of the corrective actions taken, whether SWPPP modifications are required, and the dates corrective actions were initiated and completed.

The CAR and notification results will be maintained electronically.

8 EMPLOYEE TRAINING

8.1 EMPLOYEE TRAINING IMPLEMENTATION AND SCHEDULE

NSRC provides training to members of the Pollution Prevention Team and other qualified employees working in areas where industrial activity or materials are exposed to storm water, or others implementing this SWPPP. New hires will receive storm water pollution prevention training as soon as practicable after hiring. This training may be incorporated into other employee training.

The goal of the SWPPP training is to familiarize the Pollution Prevention Team and employees with the requirements of this plan and methods for its implementation. Facility personnel are instructed on job responsibilities and duties under the direction of their supervisors, who are responsible for establishing daily performance and duty guidelines. The Facility Pollution Prevention Team and personnel involved with the handling of significant materials receive annual SWPPP training. The training schedule and/or frequency is presented in the Compliance Schedule for the facility. In addition, monthly meetings may be held to discuss a variety of pollution prevention and safety procedures, as well as other pertinent job responsibility issues.

Annually, training for Facility personnel, as well as others who may be identified by the Pollution Team, will include:

- An overview of what is in the SWPPP;
- Spill response procedures, good housekeeping, maintenance requirements, and material management practices;
- The location of all controls on the site required by this permit, and how they are to be maintained;
- The proper procedures to follow with respect to the permit's pollution prevention requirements; and
- When and how to conduct inspections, record applicable findings, and take corrective actions.

Also, personnel will be trained annually on the following activities, as applicable: used oil and spent solvent management; fueling procedures; general good housekeeping practices; proper painting procedures; and used battery management.

New-hire and refresher trainings will be administered by the Pollution Prevention Team Leader or a designated Team member. NSRC - Environmental Protection has training materials available for use. Staff that receive this training are considered qualified personnel. Training records will be maintained on the MDEQ Employee Training Log in **Appendix C** or stored electronically by NSRC.

9 REVIEW, RECORD KEEPING, AND REPORTING

9.1 NOI AND SWPPP REVIEW

NSRC will amend and electronically resubmit to Mississippi DEQ an updated baseline notice of intent (BNOI) if any of the information on the notice changes. This submittal will occur 30 days before the change if there is a change in operations that would significantly impact storm water discharged from the facility; any planned changes in ownership; or any changes in the previously submitted BNOI.

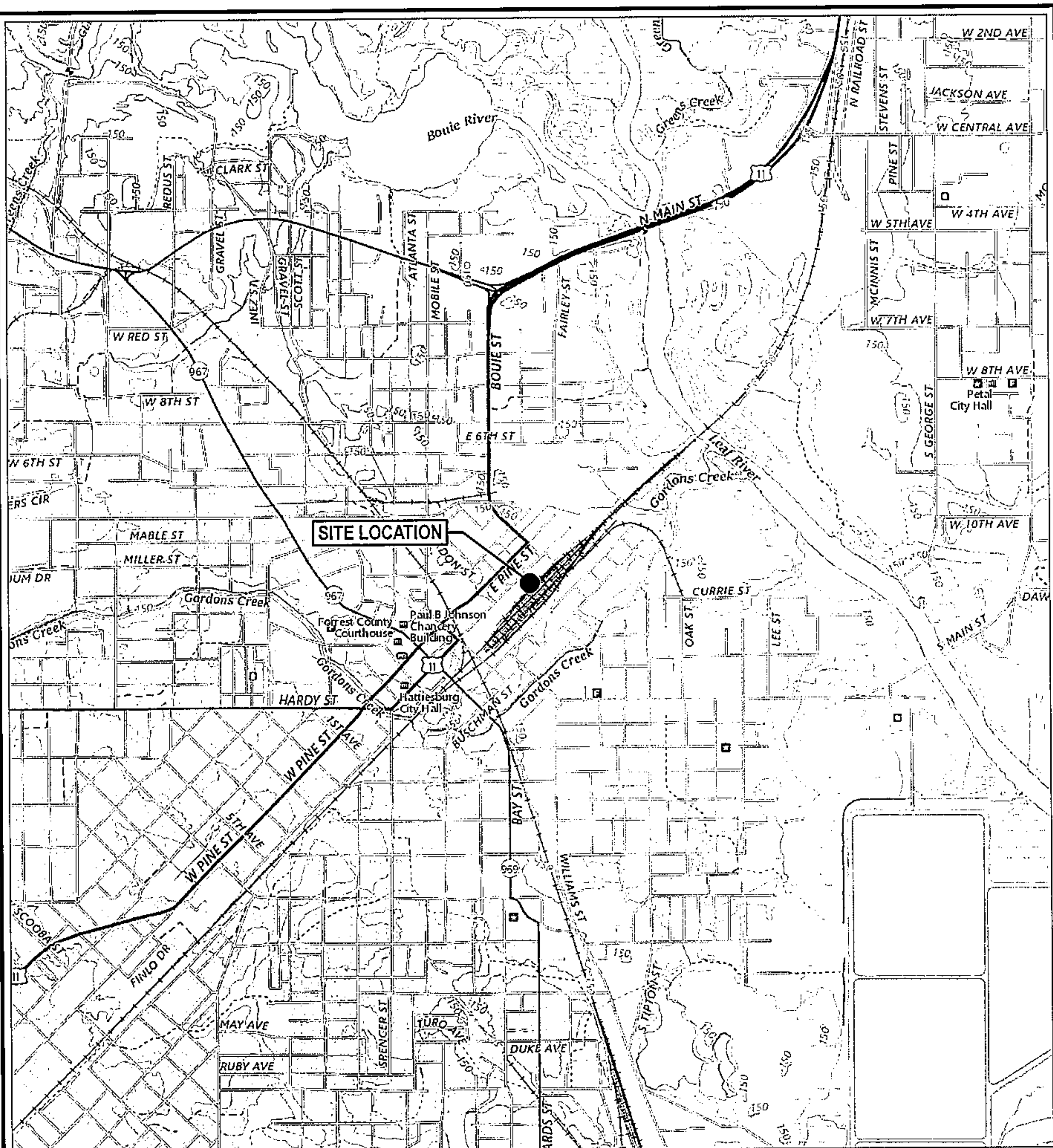
NSRC will amend the SWPPP 30 days before or as soon as practical if there is:

- A change in design, construction, operation, or maintenance, which has a significant effect on the potential for the discharge of pollutants in storm water; or if the SWPPP proves to be ineffective in eliminating or significantly minimizing pollutants from sources identified in the SWPPP, or in otherwise achieving the general objectives of controlling pollutants in storm water discharges associated with industrial activity.
- NSRC will amend the SWPPP whenever necessary to address the triggering conditions for corrective action and to ensure that they do not reoccur, or to reflect changes implemented when a review following the triggering conditions indicates that changes to control measures are necessary. These amendments to the SWPPP will be made in accordance with the corrective action deadlines in Part 3 of the NPDES General Permit and be certified as applicable and dated (see **Record of Change** and **Management Certification**).
- A release with the potential to impact storm water equal to or in excess of a reportable quantity.

9.2 RECORD KEEPING

NSRC will retain copies of the SWPPP, including modifications, for the term of this permit. Other documentations relate to corrective actions, reports and certifications required by this permit, monitoring data, and records of data used to complete the BNOI, will be retained for a period of at least three years from the date of measurement, report, or application. They will be maintained with the SWPPP or filed electronically.

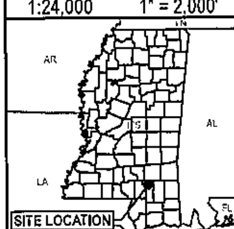
Figures



LEGEND

● SITE LOCATION

0 1,000 2,000
FEET
1:24,000 1" = 2,000'



SITE LOCATION

BASE MAP: USGS TOPOGRAPHIC MAP SERVICE
DATA SOURCES: TRC

NORFOLK SOUTHERN

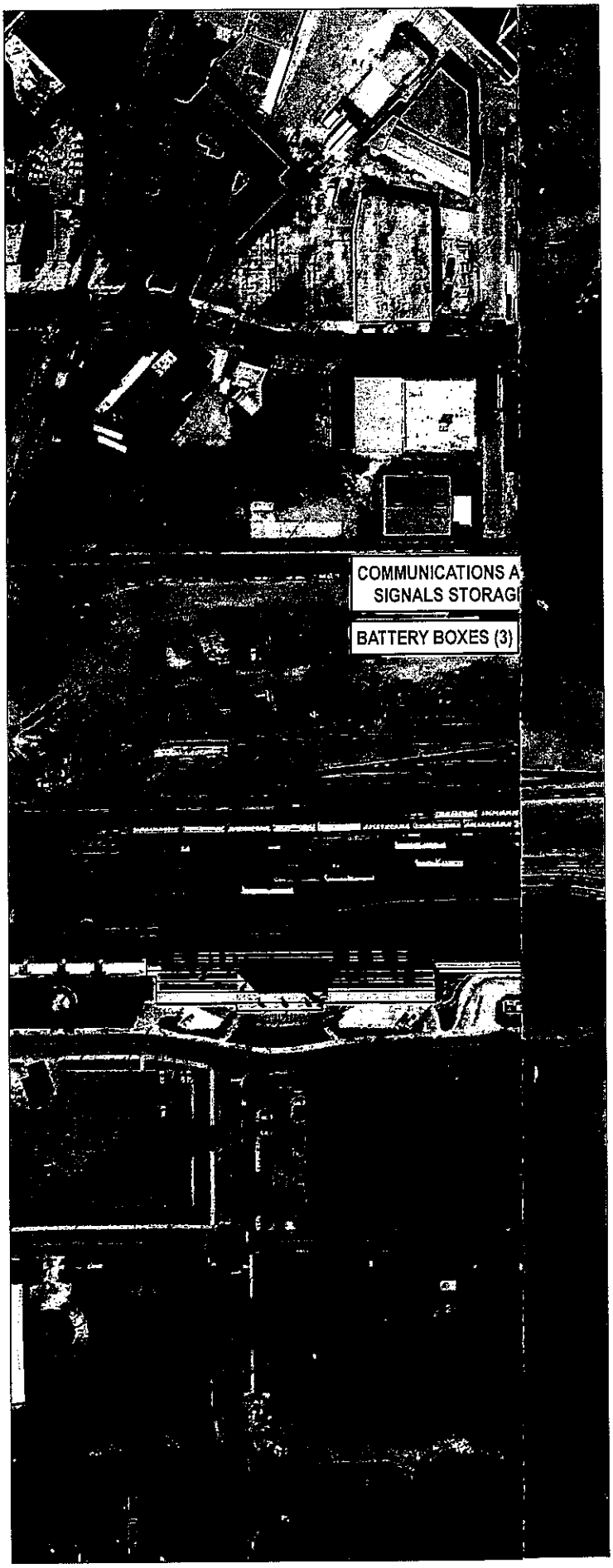
PROJECT: NORFOLK SOUTHERN RAILWAY COMPANY
HATTIESBURG YARD
709 EAST FRONT STREET
HATTIESBURG, MS 39401

TITLE:
SITE LOCATION MAP

DRAWN BY:	L. LILL	PROJ. NO.:	467261.0002.0000
CHECKED BY:	K. JACKSON	FIGURE 1	
APPROVED BY:	K. JACKSON		
DATE:	APRIL 2023		

TRC
3 CORPORATE DRIVE
SUITE 202
CLIFTON PARK, NY 12065
PHONE: 518.348.1190

FILE: SITEEVAL



LEGEND

- BUILDING
- DTL FUELING AREA
- STORM WATER DITCH
- STORM WATER FLOW
- PIPED OUTFALL FROM STORAGE AREA TO STREET CATCH BASIN
- OUTFALL
- DRUM STORAGE AREA
- EMERGENCY GENERATOR
- STORM DRAIN

NOTES:

1. LOCATIONS AND DIMENSIONS OF PHYSICAL FEATURES AND BOUNDARIES ARE APPROXIMATE.

BASE MAP: GOOGLE EARTH IMAGERY DATED NOVEMBER 2013
DATA SOURCES: TRC

1:2,400
1" = 200'
0 100 200 FEET

NORFOLK SOUTHERN

PROJECT:	NORFOLK SOUTHERN RAILWAY COMPANY HATTIESBURG YARD 709 EAST FRONT STREET HATTIESBURG, MS 39401
TITLE:	SITE LAYOUT MAP
DRAWN BY:	L. LILL
CHECKED BY:	K. JACKSON
APPROVED BY:	K. JACKSON
DATE:	NOVEMBER 2023
PROJ. NO.:	536837.0002.0000
	FIGURE 2

TRC
3 CORPORATE DRIVE
SUITE 202
CLIFTON PARK, NY 12065
PHONE: 518.348.1190

FILE: SiteEval.aprx

Coordinate System: NAD 1983 2011 StatePlane Mississippi East FIPS 2301 Ft US, Map Rotation: -45
- Saved By: LLILL on 11/17/2023 11:41:42 AM; File Path: T:\1-PROJECTS\Norfolk_Southern_Corporation\457261_HattiesburgMS\2-APRX\SiteEval\SiteEval.aprx; Layout Name: Fig02_SiteLayout

APPENDIX A:
STORM WATER FACILITY INSPECTION FORMS

Industrial Storm Water General Permit Forms are provided by Mississippi DEQ and can be found at:

General Permits and Notice of Intent Forms – MDEQ

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: _____ _____ _____ _____ _____	○	○	○	

	Yes	No	N/A	Findings & Remedial Action Documentation
SPILL RESPONSE AND EQUIPMENT:				
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

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Instructions: As part of inspections conducted during or after storm events, a representative sample of storm water should be collected at each outfall in a clean, clear jar and examined in a well-lit area. Should any of the objectionable characteristics described in the form below be observed, coverage recipient shall investigate upstream from the sample location to identify the potential sources of pollution, implement corrective action, and describe the corrective action in the space provided below. [Industrial Stormwater General Permit ACT10 R-1]

Facility Name:	Physical Address:
Date:	Coverage Number:
Time collected:	Person collecting/examining sample (Print):
Outfall Number/Location sample was collected:	
Was the sample collected during or immediately after a rain event? **Yes or No**	

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

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

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

Inspector's Name - Printed	Inspector's Signature	Date

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

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

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

	Yes	No	Findings & Remedial Action Documentation
INDUSTRIAL ACTIVITIES			
• 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)			
	Yes	**No**	**Findings & Remedial Action Documentation**
SITE MAP			
• 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:			
○ Designated areas for equipment maintenance and repair.	○	○	
○ Provisions for waste receptacles at convenient locations.	○	○	
○ Provisions for regular collection of waste.	○	○	
○ Adequately maintained sanitary facilities.	○	○	
○ 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.	○	○	
○ Secondary containment for raw material stockpiles.	○	○	
SPILL PREVENTION AND RESPONSE PROCEDURES			
• Does the SWPPP identify potential spill areas and their drainage points?	○	○	
• Does the SWPPP specify material handling procedures and storage requirements?	○	○	
• Does the SWPPP have procedures for cleaning up spills?	○	○	
• Have there been any changes at the facility in potential spill areas and/or their drainage points since the previous Annual SWPPP Evaluation?	○	○	
EMPLOYEE TRAINING			
• Does the SWPPP specify periodic training for personnel that are responsible for implementing and/or complying with the requirements of the SWPPP? (see ACT14)	○	○	

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

V. MONTHLY INSPECTION SUMMARY (Previous 12 months)

DATE (mm/dd/yy)	TIME	ANY DEFICIENCIES?		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 Baseline Industrial Storm Water General Permit.

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

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

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

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

Norfolk Southern Railway Company
Stormwater Pollution Prevention Plan - Non-Stormwater Discharge Assessment and Certification

Date of Test (m/d/yr)	Discharge Area Directly Observed During Test	Method Used to Test or Evaluate Discharge	Describe Results From Test for Non-Stormwater Discharge	Identify Potential Significant Sources	Name of Person Who Conducted the Test or Evaluation
		Visual Inspection*	N/A – no sampling/analysis required.	See **Tables 2-2** and **2-3**	

* Visual inspections should be conducted during dry conditions (i.e., at least 72 hours from a prior precipitation event).

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 gather and evaluate 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 fines and imprisonment for knowing violations.

A. Inspected By:	B. Phone No.:
C. Signature:	D. Date Signed:

APPENDIX B:
COMPLETED INSPECTION FORMS

A blank form is included in Attachment A. After completion, inspection forms will either be retained in hard copy or electronically.

APPENDIX C:
TRAINING RECORDS

APPENDIX D:
PERMIT AND SUPPORTING DOCUMENTS

The Industrial Storm Water General Permit for Industrial Activities is also available on Mississippi's DEQ web site at:

https://www.mdeq.ms.gov/wp-content/uploads/2020/12/Industrial-Stormwater-General-Permit-Final.pdf