

RECEIVED
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MSR10 8020
Dept. of Environmental Quality
(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: OWNER PRIME CONTRACTOR

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Charlotte Freeman
OWNER COMPANY LEGAL NAME: Entergy Mississippi, Inc.
OWNER STREET OR P.O. BOX: 770 Kemp Bottom Road
OWNER CITY: Vicksburg STATE: MS ZIP: 39180
OWNER PHONE #: (601) 831-5759 OWNER EMAIL: cfreema@entergy.com

PRIME CONTRACTOR CONTACT INFORMATION

PRIME CONTRACTOR CONTACT PERSON: Mark Cotter
PRIME CONTRACTOR COMPANY LEGAL NAME: GSD Trading USA, Inc.
PRIME CONTRACTOR STREET OR P.O. BOX: P.O. Box 1419
PRIME CONTRACTOR CITY: Channelview STATE: TX ZIP: 77530
PRIME CONTRACTOR PHONE #: (281) 459-1500 PRIME CONTRACTOR EMAIL: Mark.cotter@gsdcompanies.com

FACILITY SITE INFORMATION

FACILITY SITE NAME: Entergy Baxter Wilson Plant
FACILITY SITE ADDRESS (If the physical address is not available, please indicate the nearest named road. For linear projects indicate the beginning of the project and identify all counties the project traverses.)
STREET: 770 Kemp Bottom Rd
CITY: Vicksburg STATE: MS COUNTY: Warren ZIP: 39180
FACILITY SITE TRIBAL LAND ID (N/A If not applicable): _____
LATITUDE: 32 degrees 17 minutes 01 seconds LONGITUDE: -90 degrees 55 minutes 37 seconds
LAT & LONG DATA SOURCE (GPS (Please GPS Project Entrance/Start Point) or Map Interpolation): Google Earth
TOTAL ACREAGE THAT WILL BE DISTURBED ¹: 23
IS THIS PART OF A LARGER COMMON PLAN OF DEVELOPMENT? YES NO
IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT: N/A
AND PERMIT COVERAGE NUMBER: MSR10 _____
ESTIMATED CONSTRUCTION PROJECT START DATE: 2019-08-19
YYYY-MM-DD
ESTIMATED CONSTRUCTION PROJECT END DATE: 2019-12-21
YYYY-MM-DD
DESCRIPTION OF CONSTRUCTION ACTIVITY: Demolition of Tank farm, regrading area to surrounding grade
PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED:
No current plans for future use
SIC Code 5 0 9 3 NAICS Code 4 2 5 1 2 0

NEAREST NAMED RECEIVING STREAM: Hennessy Bayou

IS RECEIVING STREAM ON MISSISSIPPI'S 303(d) LIST OF IMPAIRED WATER BODIES? (The 303(d) list of impaired waters and TMDL stream segments may be found on MDEQ's web site: http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section) YES NO

HAS A TMDL BEEN ESTABLISHED FOR THE RECEIVING STREAM SEGMENT? YES NO

ARE THERE RECREATIONAL STREAMS, PRIVATE/PUBLIC PONDS OR LAKES WITHIN ½ MILE DOWNSTREAM OF PROJECT BOUNDARY THAT MAY BE IMPACTED BY THE CONSTRUCTION ACTIVITY? YES NO

EXISTING DATA DESCRIBING THE SOIL (for linear projects please describe in SWPPP):

Adler silt loam, Dowling clay, and commerce silt loam

WILL FLOCCULANTS BE USED TO TREAT TURBIDITY IN STORM WATER? YES NO

IF YES, INDICATE THE TYPE OF FLOCCULANT.

- ANIONIC POLYACRYLAMIDE (PAM)
 OTHER _____

IF YES, DOES THE SWPPP DESCRIBE THE METHOD OF INTRODUCTION, THE LOCATION OF INTRODUCTION AND THE LOCATION OF WHERE FLOCCULATED MATERIAL WILL SETTLE? YES NO

¹ Acreage for subdivision development includes areas disturbed by construction of roads, utilities and drainage. Additionally, a housesite of at least 10,000 ft² per lot (entire lot, if smaller) shall be included in calculating acreage disturbed.

DOCUMENTATION OF COMPLIANCE WITH OTHER REGULATIONS/REQUIREMENTS
COVERAGE UNDER THIS PERMIT WILL NOT BE GRANTED UNTIL ALL OTHER REQUIRED
MDEQ PERMITS AND APPROVALS ARE SATISFACTORILY ADDRESSED

IS LCNOI FOR A FACILITY THAT WILL REQUIRE OTHER PERMITS?

YES NO

IF YES, CHECK ALL THAT APPLY: AIR HAZARDOUS WASTE PRETREATMENT

WATER STATE OPERATING INDIVIDUAL NPDES OTHER: _____

IS THE PROJECT REROUTING, FILLING OR CROSSING A WATER CONVEYANCE OF ANY KIND? (If yes, contact the U.S. Army Corps of Engineers' Regulatory Branch for permitting requirements.) YES NO

IF THE PROJECT REQUIRES A CORPS OF ENGINEER SECTION 404 PERMIT, PROVIDE APPROPRIATE DOCUMENTATION THAT:

- The project has been approved by individual permit, or
- The work will be covered by a nationwide permit and NO NOTIFICATION to the Corps is required, or
- The work will be covered by a nationwide or general permit and NOTIFICATION to the Corps is required

IS A LAKE REQUIRING THE CONSTRUCTION OF A DAM BEING PROPOSED? (If yes, provide appropriate approval documentation from MDEQ Office of Land and Water, Dam Safety.) YES NO

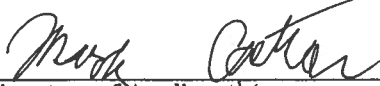
IF THE PROJECT IS A SUBDIVISION OR A COMMERCIAL DEVELOPMENT, HOW WILL SANITARY SEWAGE BE DISPOSED? Check one of the following and attach the pertinent documents.

- Existing Municipal or Commercial System. Please attach plans and specifications for the collection system and the associated "Information Regarding Proposed Wastewater Projects" form or approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties. If the plans and specifications can not be provided at the time of LCNOI submittal, MDEQ will accept written acknowledgement from official(s) responsible for wastewater collection and treatment that the flows generated from the proposed project can and will be transported and treated properly. The letter must include the estimated flow.
- Collection and Treatment System will be Constructed. Please attach a copy of the cover of the NPDES discharge permit from MDEQ or indicate the date the application was submitted to MDEQ (Date: _____.)
- Individual Onsite Wastewater Disposal Systems for Subdivisions Less than 35 Lots. Please attach a copy of the Letter of General Acceptance from the Mississippi State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.
- Individual Onsite Wastewater Disposal Systems for Subdivisions Greater than 35 Lots. A determination of the feasibility of installing a central sewage collection and treatment system must be made by MDEQ. A copy of the response from MDEQ concerning the feasibility study must be attached. If a central collection and wastewater system is not feasible, then please attach a copy of the Letter of General Acceptance from the State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.

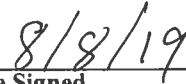
INDICATE ANY LOCAL STORM WATER ORDINANCE WITH WHICH THE PROJECT MUST COMPLY:

N/A

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 of Applicant¹ (owner or prime contractor)



Date Signed

Mark Cotter

Printed Name¹

Geologist

Title

¹This application shall be signed 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, mayor, or ranking elected official

Please submit the LCNOI form to:

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

PRIME CONTRACTOR CERTIFICATION

LARGE CONSTRUCTION GENERAL PERMIT

Coverage No. MSR10 _____ County Warren _____
(Fill in your Certificate of Coverage Number and County)



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

By completing and submitting this form to MDEQ, the prime contractor is certifying that (1) they have operational control over the erosion and sediment control specifications (including the ability to make modifications to such specifications) or (2) they have day-to-day operational control of those activities at the site necessary to ensure compliance with the SWPPP and applicable permit conditions.

The owner(s) of the property and the prime contractor associated with regulated construction activity on the property have joint and severable responsibility for compliance with the permit. Notwithstanding any permit condition to the contrary, the coverage recipient and any person who causes pollution of waters of the state or places waste in a location where they are likely to cause pollution of any waters of the state shall remain responsible under applicable federal and state laws and regulations and applicable permits.

PRIME CONTRACTOR INFORMATION

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PRIME CONTRACTOR COMPANY: GSD Trading USA, Inc.
PRIME CONTRACTOR STREET (P.O. BOX): P.O. Box 1419
PRIME CONTRACTOR CITY: Channelview STATE: TX ZIP: 77530
E-MAIL ADDRESS: Mark.cotter@gsdcompanies.com

OWNER INFORMATION

OWNER CONTACT PERSON: Charlotte Freeman PHONE NUMBER: (601) 831-5759
OWNER COMPANY NAME: Entergy Mississippi, Inc.

PROJECT INFORMATION

PROJECT NAME: Entergy Baxter Wilson Plant
DESCRIPTION OF CONSTRUCTION ACTIVITY: Demolition of tank farm, regrading area to surrounding grade
PHYSICAL SITE ADDRESS (If the physical address is not available indicate the nearest named road. For linear projects, indicate the beginning of the project and identify all counties the project traverses.)
STREET: 770 Kemp Bottom Rd
CITY: Vicksburg COUNTY: Warren

I certify that I am the prime contractor for this project and will comply with all the requirements in the above referenced general NPDES permit. I further 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.

Mark Cotter
Prime Contractor Signature¹

8/8/19
Date Signed

Mark Cotter
Printed Name¹

Geologist
Title

- ¹This application shall be signed 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, mayor, or ranking elected official.

This Prime Contractors Certification form shall be submitted to:
Chief, Environmental Permits Division
MS Department of Environmental Quality, Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225



LARGE CONSTRUCTION GENERAL PERMIT
STORM WATER POLLUTION PREVENTION
PLAN (SWPPP)



Revision 1

Prepared for:
General Permits Branch
Office of Pollution Control
Mississippi Department of Environmental Quality
P. O. Box 2261
Jackson, Mississippi 39225-2261

Prepared by:
Mark Cotter; MS, Geologist
GSD Trading USA, Inc. Channel View, Texas 77530

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1. Site Information

This Large Construction Storm Water Pollution Prevention Plan (SWPPP) was prepared by GSD Trading USA, Inc. for the Baxter Wilson Steam Electric Station, located at 770 Kemp Bottom Road Vicksburg, Warren County, Mississippi (Latitude N 32° 16' 59.03", Longitude W 90° 55' 34.31"). This site is owned and operated by Entergy Inc.

1.1. Site History

The Baxter Wilson Plant was designed to burn natural gas as primary fuel and No. 6 fuel oil as secondary fuel. Diesel fuel (fuel oil No. 2) is sometimes utilized as startup fuel in the boilers. Gasoline and diesel tanks are also located at the site to provide fuel for plant vehicles and equipment. At the Northwest property corner along the Mississippi River is the closed and air gapped Marine Terminal where fuel oil was unloaded from barges and pumped into tanks in the bermed tank farm area. A total of five (5) storage tanks are located within this area, three (3) 13.5-million-gallon fuel oil tanks and two (2) 1 million diesel tanks, each surrounded by an earthen berm. Rainfall accumulation within the bermed tank farm areas flow into the Low Volume Wastewater Ponds. GSD Inc. is an industrial demolition contractor and has been retained to decommission the aforementioned petroleum storage tank farm.

1.2. Scope of work

The Scope of Work includes the removal of Three (3) 13.5 million Gallon, and two (2) 1 million gallon Above Ground Storage tanks (AST's) and their associated piping up to the pump house. Neither the pump house or the marine terminal is included in this scope of work. After or in conjunction with the tanks and associated piping removal the berms will be leveled and used to grade the site to the surrounding contours. The final grade will be seeded with the season appropriate seed mix as referenced in appendix 9 of the MDEQ SWPPP guidance manual. The total disturbed acreage for this project will be approximately 23 acres and this SWPPP is to provide the selected Best Management Practices (BMP) to be installed during site activities.

The intent of the Large Construction SWPPP is to minimize storm water pollution from this facility due to demolition activity. The Plan specifies the procedures GSD staff will follow and the engineering controls to be implemented to prevent or minimize sediment laden storm water from contaminating surface water.

This plan was written to ensure that sound practices are implemented for stormwater management including;

- Disturb the smallest area possible. Remember, by disturbing large areas that have high erosion potential, the cost of erosion and sediment controls will greatly increase.
- Preserve existing vegetation where possible, especially trees.
- Avoid disturbing sensitive areas such as: - Steep and/or unstable slopes. - Land upslope of surface waters. - Areas with erodible soils. - Existing drainage channels.
- Divert upslope water around disturbed areas.
- Limit exposure of disturbed areas to the shortest time possible.
- Re-vegetate disturbed areas as soon as possible.
- Slow rainfall runoff velocities to prevent erosive flows.
- Remove sediment from storm water before it leaves the site by allowing runoff to pond in controlled areas to drop out sediment. Filter runoff by using natural vegetation, brush barriers, silt fences or hay bales.

- Transport runoff down steep slopes through lined channels or piping
- Minimize the amount of cut and fill.

GSD Inc. understands that this Large construction SWPPP must be amended whenever there is a change in design, construction, operation, or maintenance, which may increase the discharge of pollutants to waters of the State or if the Large Construction SWPPP proves to be ineffective in controlling storm water pollutants.

1.3. Responsible Parties

Responsible Party	Contact Information	Duties
Ricky Larvadain Jr. Entergy Project Manager	Cell Phone: 225.955.1346 Email: rlarvad@entergy.com	Project Manager
Mark Cotter GSD Trading USA, Inc.	Cell Phone: 716.517.5507 Email: Mark.cotter@gsdcompanies.com	SWPPP QAQC
Jason Spears GSD Trading USA, Inc. Project Manager	Cell Phone: 832.470.7215 Email: Jason.spears@gsddemolition.com	SWPPP Management, Inspections and Training

1.4. Soil, Vegetation, and slope

The US Department of Agriculture Web Soil Survey indicate the predominant soil type at the demolition site includes Adler silt loam, Dowling clay, and commerce silt loam with a 0 to 2 percent slope. The current vegetation present at the worksite consist of grass. Trees and shrubs located at the North, West, and East edge of the work scope will remain unaffected.

1.5. Activity Sequence

Soil disturbance activities include the flattening of berms and regrading of removed structure locations. These activities are anticipated to occur from August 19, 2019 through December 21st, 2019.

The list of compliance steps are as follows:

1. Submit the Large Construction Notice of Intent (LCNOI)
2. Post permit at the site following approval by MDEQ and SWPPP available on site.
3. Install the SWPPP BMP's
4. Begin soil disturbance activities
5. Initiate weekly inspections and maintenance
6. Install permanent stabilization controls
7. Remove temporary BMP's
8. Submit notification of termination

Project milestones will be recorded on the Project Activity Log (See Figure 4). These include but are not limited to:

1. Submission of NOI and SWPPP permit application
2. The date activities begin
3. The dates activity is suspended or ceased
4. The date stabilization is implemented
5. Submission of Notice of Termination

1.6. Receiving waters

Currently storm water is managed through the sites MS General Baseline Permit Baxter Wilson MSR 001186 and NPDES permit MS0000167. Upon completion of the tank farm demolition project, surface water will flow to existing ditch at the Northeast side of property which discharges to the Mississippi River. The outfall located at the Northeast corner is identified as SW outfall 007 (see figure 6). There are no lakes, rivers, streams, Storm water receivers or wetlands located within the footprint of the demolition project. There are no 303(d) impaired waterbodies affected by this project.

1.7. Potential sources of pollution

Activities that may be potential sources of pollution include:

1. Demolition activities
2. Regrading activities
3. Equipment storage, refueling, and maintenance
4. Waste management

GSD will install sediment controls as discussed later to prevent sediment pollution, and will conduct daily equipment inspections to reduce the likelihood of non-sediment pollution. GSD will utilize a temporary 500 gallon above ground diesel tank placed inside of a secondary containment for the duration of this project. The tank and surrounding area will be part of the weekly swppp inspection to confirm AST integrity and ensure no leaks are present. Materials onsite that pose a potential spill or discharge include:

1. Hydraulic oil
2. Diesel fuel
3. Solid demolition debris
4. Gasoline
5. Engine Coolant
6. Fuel oil from lines being removed

While non-storm water discharges are allowed by MSR10, the only foreseeable potential during this work would be from using water as ambient dust control. Water used for dust suppression shall be applied in a manner to prevent surface ponding and/or flowing runoff compliant with the baseline permit MSR001186.

2. Controls

This section provides a description of storm water BMP controls that will be used to minimize runoff sediment impacts during precipitation events pursuant to MSR10. All BMPs must meet the criteria found in the most recent publication of the “Field Manual for Erosion and Sediment Control of Construction Sites in Mississippi” by the MDEQ. The BMP’s selected are designed to:

1. Retain sediment on-site to the extent practicable with consideration for local topography, soil type, and rainfall
2. minimize the off-site transport of litter, construction debris, and construction materials

The following BMP’s will be installed and maintained according to the manufacturer’s specifications:

1. Stockpiling material in a manner to prevent migration
2. Silt Fencing/S-Fence
3. Housekeeping

2.1.Land disturbance (BMP’s)

Soil disturbance will be minimized to the extent practicable during project activities. Any natural topographic features that can be avoided during demolition will be protected. While it is not anticipated to be necessary to stockpile soil the immediate demolition/construction area will be stockpiled at locations to prevent sediment migration. Spoil piles will not be placed on paved roads or within 50 feet of SW outfall 007 and other SW outfalls.

2.2.Storm Water flow onto and through Project site (BMP’s)

Storm water at the site is limited to rainwater. Surface waters have minimal mobility due to the 0-2 percent grade. Areas of the site located North, West, and East not disturbed by the demolition activities are primarily vegetated with native grasses and naturally wooded areas. Surface water flow with the potential for sediment migration will be controlled from leaving site with the use of silt fencing or Ertec S fence (see BMP placement map). Silt fencing will also be installed around any soil stockpiles. Silt fencing will be installed using steel or wooden posts supporting the wire mesh that will be spaced a maximum of 10 feet apart and driven securely into the ground. The bottom edge of the silt fence will extend across the minimum 12-inch deep trench and the trench will be backfilled and compacted to prevent storm water and sediment from discharging underneath the silt fence. The S-fence will be installed per manufacturers recommendations. (Construction details are provided in the Mississippi SWPPP Guidance Manual for Construction Activities” Appendix 9).

Additional silt fencing will be installed as soon as practical in locations as determined during routine inspections as the Project develops. Sediment deposits should be removed from the silt fence when sediment reaches 2/3 the height of the fence.

2.3. Dust and dirt control (BMP’s)

Existing paved roads will be used extensively throughout the demolition process for all vehicle traffic to the extent possible. This should ensure there is minimal need to construct any new roads. Should additional BMPs be required to prevent offsite dirt tracking the following will be implemented:

1. Sweeping
 - a. Roads inspected daily and swept as necessary to prevent migration
2. Stabilized construction entrance
 - a. If sweeping is not adequate a construction entrance will be constructed

Dust control will be utilized as needed to prevent the offsite movement of dust. If required,

dust from the site will be controlled using a water truck style distributor to apply water to disturbed areas. The mobile unit will apply water in a manner to prevent runoff and ponding of excess water.

2.4. Housekeeping (BMP's)

Demolition waste materials such as trash, construction debris, and other material originating from work activities will be collected and stored in appropriately labeled secure containers.

Excavated soil material laydown/storage areas are not anticipated to be used during the project. Should soil material storage areas be utilized they will be enclosed with a 360-degree perimeter silt fence to prevent erosion and transport of sediment to drainage features.

Temporary and portable sanitary facilities provided at the Project site will be located away from concentrated flow paths and traffic flow. Sanitary waste from portable toilets will be regularly collected by a licensed sanitary waste management contractor. Toilets will be secured to prevent tip overs.

Any regulated waste, such as oil filters, petroleum products, and equipment maintenance fluids, will be stored in structurally sound, labeled, dated, and sealed 55-gallon drums or equivalent. Drums will be placed on pallets or secondary containments.

Only minor equipment maintenance will occur on the project site. Petroleum products and waste generated from minor maintenance activities will be collected and disposed of into designated, labeled drums stored using secondary containment. Vehicles will be inspected daily for evidence of leaking. Any leak will be repaired immediately. Drip pans will be placed under leaking equipment receiving maintenance. Vehicles and equipment with active leaks will be stopped immediately. Any equipment leaks will be cleaned up, contaminated soil will be removed and disposed of according to state and federal regulations. Spill incidents will be documented and reported to the Entergy Project Manager and GSD SWPPP QAQC manager immediately. Spills large enough to discharge to off-site surface waters must be reported immediately to the National Response Center at 1-800-424-8802 and MS Environmental Support Manager will be notified.

Spill Kits: Fully stocked spill kits will be maintained at the demolition site or in vehicles whenever hazardous materials are present on the project site, including fuel. In the event of a spill, spent absorbent materials and rags will be collected and hauled off-site for proper disposal.

If any chemicals are to be brought onsite the Safety data sheets (SDS), a material inventory, and emergency contact information sheet will be maintained by the Entergy Project Manager or site supervisor designee.

3. Final stabilization

Final stabilization of the project site will be completed prior to termination of the SWPPP coverage. Areas that are disturbed by demolition and grading and not covered with concrete, asphalt, or stone, will be seeded using the season appropriate seed mix as referenced in the Mississippi Storm Water Pollution Prevention Plan Guidance Manual for Construction Activities (Appendix 9). Seeding methods may include broadcast seeding, drill seeding, or hydroseeding. Seeding procedures will ensure even coverage. Seeding operations will not take place when the wind velocity would prevent uniform seed distribution, as determined by the seeding contractor. Mulch will be placed either using hydro mulching or crimped straw.

Portions of the project site where construction activities have permanently ceased will be stabilized as soon as possible but no later than 14 days after demolition ceases, as defined by the Entergy Project Manager.

Upon completion of the project and implementation of final seeding a Notice of Termination will be turned in to the office of Pollution Control MDEQ.

4. Program implementation and maintenance

4.1. Training

Prior to work an employee training program will be conducted to educate personnel responsible for implementing any component of the SWPPP, or personnel otherwise responsible for storm water pollution prevention, with provisions of the SWPPP. This training will include a formal training on construction specific BMP's including their installation and maintenance procedures. It will also include informal refresher trainings during morning meetings also termed tailgate talks. Topics for these meetings include but are not limited to:

1. Erosion control
2. Sediment control
3. Waste management
4. Spill prevention and protection

4.2. Inspections

Roads and construction entrances will be inspected daily and swept as necessary. The site and SW outfall 007 will be inspected weekly or after every rain event over ½ inch to ensure efficacy. Any BMP found to be in disrepair or deficient shall be corrected within 24 hours or as soon as practical.

4.3. Documentation

In accordance with the MDEQ MSR10 permit, the SWPPP will be retained on-site at the construction site or, if the project site is inactive or does not have an on-site location to store the plan, a notice will be posted describing the location of the SWPPP. The SWPPP will be made readily available at the time of an on-site inspection to: the executive director; a federal, state, or local agency approving sediment and erosion plans, grading plans, or storm water management plans; local government officials; and the operator of a municipal separate storm sewer receiving discharges from the project site.

For record retention purposes, applicable SWPPP training will be documented and recorded for the project. Weekly Inspection Reports will be incorporated into the SWPPP until final stabilization is achieved. Amendments and corrective actions made will be updated in the associated log attachments.

SWPPP related records will be retained by GSD for a minimum period of at least three (3) years from the date of completion of construction.

The SWPPP will be revised or updated by the GSD Project Manager or site inspector in accordance with MSR10 regulations when the following occurs:

1. A change in design, construction, operation, or maintenance that has a significant effect on the discharge of pollutants and that has not been previously addressed in the SWPPP;
2. Changing site conditions based on updated plans and specifications, new operators, new areas of responsibility, and changes in BMPs; or
3. Results of inspections or investigations by site operators or agencies.

Such revisions / updates to the SWPPP will be documented in the SWPPP Amendment Log (see Figure 5).

Figure 1: Site Location Map



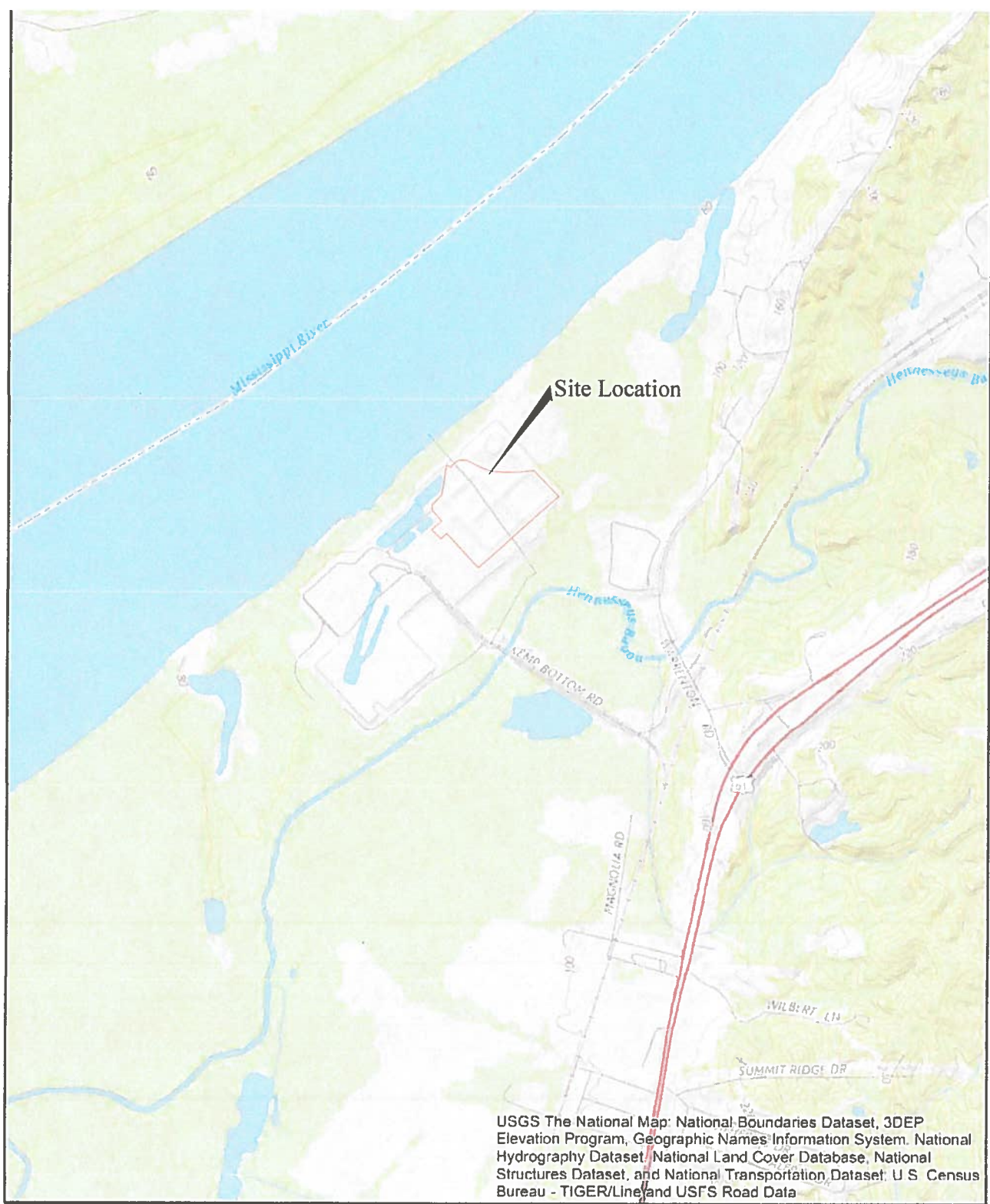


Figure 2 USGS Map



Figure 3 SWPPP Inspection form

**Site Inspection Record Template
Construction**

Project Name: _____

Coverage Number: _____

Inspector: _____ Date: _____ Time: _____

Precipitation Amount: _____ Date: _____

- Areas Inspected (Choose Applicable):
- Active areas
 - Stabilized areas with less than 70% cover
 - Areas that have achieved final stabilization

Is there evidence of, or the potential for, pollutants entering drainage systems or waters of the state from:

- Material Storage Areas Y N
- Vehicle Maintenance Areas Y N

Observations / Corrective Actions:

<input type="checkbox"/> Y <input type="checkbox"/> N	Have all erosion and sediment controls and best management practices identified in the plan been installed or implemented?
<input type="checkbox"/> Y <input type="checkbox"/> N	Are erosion and sediment controls operating correctly and in serviceable condition?
<input type="checkbox"/> Y <input type="checkbox"/> N	Are erosion and sediment controls operating consistently and effectively?
<input type="checkbox"/> Y <input type="checkbox"/> N	Are there any devices similar to silt fence or fiber rolls where sediment has reached more than 1/3 the height of the device? (Removal and repairs must be made within 24 hours.)
<input type="checkbox"/> Y <input type="checkbox"/> N	Are there any sediment basins where collected sediment has reduced the storage capacity by 1/2? (Drainage and removal must be completed within 72 hours.)
<input type="checkbox"/> Y <input type="checkbox"/> N	Is there evidence of sediment deposits in surface waters, drainage ditches or other stormwater conveyance systems? (Removal and stabilization must be completed within 7 days unless prohibited by legal, regulatory or physical access constraints. All reasonable efforts must be made to obtain access. Once permission is granted, removal must take place within 7 days.)
<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA	Is there evidence of sediment being tracked off-site by vehicles or equipment? (Sediment tracked or deposited on paved surfaces must be removed within 24 hours.)
<input type="checkbox"/> Y <input type="checkbox"/> N	Is there evidence of sediment depositing off-site other than in surface waters, drainage ditches and stormwater conveyance systems? (Sediment must be recovered in a manner and frequency sufficient to minimize off-site impacts – for example, sediment could wash away during the next precipitation event.)
<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA	Is stormwater flow distributed evenly over vegetative buffers?
<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA	Is sediment accumulating in vegetative buffers?
<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA	Are rills forming within vegetative buffers? (If vegetative buffers are silted covered, contain rills or are otherwise rendered ineffective, other erosion and sediment controls must be implemented. Eroded areas must be repaired and stabilized.)
<input type="checkbox"/> Y <input type="checkbox"/> N	Are litter, debris, chemicals and parts being managed properly to minimize stormwater pollution?
<input type="checkbox"/> Y <input type="checkbox"/> N	Are liquid or soluble materials like oil, fuel, paint, etc., properly stored to prevent spills, leaks or other discharges?

<input type="checkbox"/> Y <input type="checkbox"/> N	Is there evidence of concrete wash water discharging to waters of the state, storm sewer systems or onto adjacent properties?
<input type="checkbox"/> Y <input type="checkbox"/> N	Is there evidence of wastewater from processing operations or sanitary facilities (i.e., portable toilets) discharging from the site? (These types of discharges are not covered by the construction general permit, NDR10-0000. They must be stopped immediately if they are not covered by another type of permit. The following non-stormwater discharges are allowable if the appropriate prevention measures are in place: fire-fighting, fire hydrant flushing, potable water line flushing, infrequent building and equipment wash down without detergents, uncontaminated foundation drains, springs, lawn watering and air conditioning condensate. Please note that discharges from temporary dewatering activities, such as hydrostatic testing or disinfection of new pipelines may require coverage under the temporary dewatering general permit, NDG07-0000.)
<input type="checkbox"/> Y <input type="checkbox"/> N	Is there evidence of wash water from tools or equipment draining to waters of the state, drainage ditches or storm sewer systems?
<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA	Are permanent stormwater management measures (e.g., oil-water separators, rain gardens) functioning properly?

Corrective Actions and Schedule:

- Are best management practices effective to minimize the discharge of sediment from the site? Y N
- Do best management practices need to be adjusted? Y N
- Are additional best management practices needed? Y N

Comments:

List all spills, leaks or hose-breaks that have occurred since the last inspection:

-Size	-Location	-Was it reportable?	-Was it reported?
_____	_____	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N
_____	_____	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N
_____	_____	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N

- Were Spill Prevention Procedures adequate? Y N
- What Spill Response Procedures were used?

Comments

- Has the SWPP Plan been updated as a result of this inspection? Y N
- Has the Site Map been updated as a result of this inspection? Y N

Figure 4. Project activity log

Figure 5. SWPPP amendment log

Figure 6. BMP and water flow map

Site Map

Birds eye view of work zone outlined in green

Marine Terminal

Pump House

Diesel Tank A

Diesel Tank B

Tank 5

Tank 6

Tank 7

SW007

300 ft



Legend

- Diesel Tank A
- Diesel Tank B
- Feature 1
- Tank 5
- Tank 6
- Tank 7
- work zone perimeter approx. 23 acres



Sheet Flow



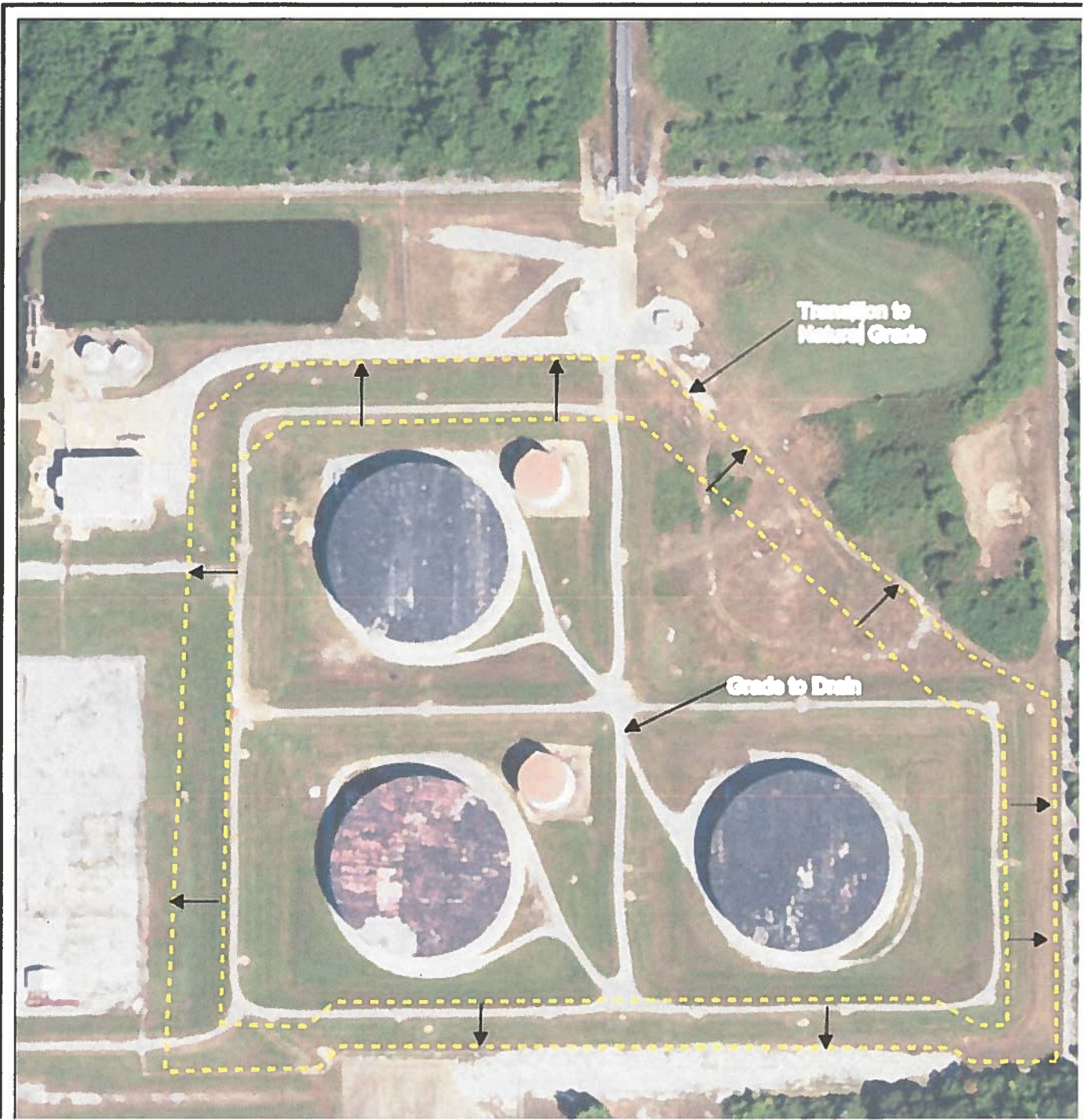
Storm water outfall



Silt fencing



Figure 7 Grading map



Transition to Natural Grade

Grade to Drain