



AI : 15304

Coverage #:
MSR109179

Rec'd via email:
01/11/2024

MISSISSIPPI DEPARTMENT OF
ENVIRONMENTAL QUALITY

LARGE CONSTRUCTION NOTICE OF INTENT (LCNOI) FOR COVERAGE UNDER THE LARGE CONSTRUCTION STORM WATER GENERAL NPDES PERMIT

INSTRUCTIONS

The Large Construction Notice of Intent (LCNOI) is for coverage under the Large Construction General Permit for land disturbing activities of five (5) acres or greater; or for land disturbing activities, which are part of a larger common plan of development or sale that are initially less than five (5) acres but will ultimately disturb five (5) or more acres. Applicant must be the owner or operator. For construction activities, the operator is typically the prime contractor. 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 Large Construction Storm Water General Permit MSR10.

If the company seeking coverage is a corporation, a limited liability company, a partnership, or a business trust, attach proof of its registration with the Mississippi Secretary of State and/or its Certificate of Good Standing. This registration or Certificate of Good Standing must be dated within twelve (12) months of the date of the submittal of this coverage form. Coverage will be issued in the company name as it is registered with the Mississippi Secretary of State.

Completed LCNOIs should be filed at least thirty (30) days prior to the commencement of construction. Discharge of storm water from large construction activities without written notification of coverage is a violation of state law.

Submittals with this LCNOI must include:

- A site-specific Storm Water Pollution Prevention Plan (SWPPP) developed in accordance with ACT5 of the General Permit
- A detailed site-specific scaled drawing showing the property layout and the features outlined in ACT5 of the General Permit
- A United States Geological Survey (USGS) quadrangle map or photocopy, extending at least one-half mile beyond the facility property boundaries with the site location and outfalls outlined or highlighted. The name of the quadrangle map must be shown on all copies. Quadrangle maps can be obtained from the MDEQ, Office of Geology at 601-961-5523.

Additional submittals may include the following, if applicable:

- Appropriate Section 404 documentation from U.S. Army Corps of Engineers
- Appropriate documentation concerning future disposal of sanitary sewage and sewage collection system construction
- Appropriate documentation from the MDEQ Office of Land & Water concerning dam construction and low flow requirements
- Approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties
- Antidegradation report for disturbance within Waters of the State

ALL QUESTIONS MUST BE ANSWERED (Answer "NA" if the question is not applicable)

O.C

APPLICANT IS THE: OWNER PRIME CONTRACTOR

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON:
OWNER COMPANY LEGAL NAME:
OWNER STREET OR P.O. BOX:
OWNER CITY: STATE: ZIP:
OWNER PHONE #: OWNER EMAIL:

PREPARER CONTACT INFORMATION

IF NOI WAS PREPARED BY SOMEONE OTHER THAN THE APPLICANT
CONTACT PERSON:
COMPANY LEGAL NAME:
STREET OR P.O. BOX:
CITY: STATE: ZIP:
PHONE # () EMAIL:

PRIME CONTRACTOR CONTACT INFORMATION

PRIME CONTRACTOR CONTACT PERSON:
PRIME CONTRACTOR COMPANY LEGAL NAME:
PRIME CONTRACTOR STREET OR P.O. BOX:
PRIME CONTRACTOR CITY: STATE: ZIP:
PRIME CONTRACTOR PHONE #: PRIME CONTRACTOR EMAIL:

FACILITY SITE INFORMATION

FACILITY SITE NAME:
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:
CITY: STATE: COUNTY: ZIP:
FACILITY SITE TRIBAL LAND ID (N/A If not applicable):
LATITUDE: degrees minutes seconds LONGITUDE: degrees minutes seconds
LAT & LONG DATA SOURCE (GPS (Please GPS Project Entrance/Start Point) or Map Interpolation):
TOTAL ACREAGE THAT WILL BE DISTURBED 1:

IS THIS PART OF A LARGER COMMON PLAN OF DEVELOPMENT? YES NO

IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT: _____
AND PERMIT COVERAGE NUMBER: MSR10 _____

ESTIMATED CONSTRUCTION PROJECT START DATE: _____
 YYYY-MM-DD

ESTIMATED CONSTRUCTION PROJECT END DATE: _____
 YYYY-MM-DD

DESCRIPTION OF CONSTRUCTION ACTIVITY: _____

PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED:

SIC Code: _____ **NAICS Code** _____

NEAREST NAMED RECEIVING STREAM: _____

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

FOR WHICH POLLUTANT:

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):

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

IF YES, INDICATE THE TYPE OF FLOCCULANT. ANIONIC POLYACRYLIMIDE (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?

IS A SDS SHEET INCLUDED FOR THE FLOCCULATE? YES NO

WILL THERE BE A 50 FT BUFFER BETWEEN THE PROJECT DISTURBANCE AND THE WATERS OF THE STATE? YES NO

IF NOT, PROVIDE EQUIVALENT CONTROL MEASURES IN THE SWPPP.

¹Acreage 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 THE PROJECT REROUTING, FILLING OR CROSSING A STATE WATER CONVEYANCE OF ANY KIND? (If yes, please provide an antidegradation report.) YES NO

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 (I.E. MS4) WITH WHICH THE PROJECT MUST COMPLY:

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)

01/09/2024

Date Signed

Joe C. Cox

Printed Name¹

Mayor

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

Electronically:

<https://www.mdeq.ms.gov/construction-stormwater/>

Revised 3/23/22

STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

for

CITY OF BROOKHAVEN WASTE MANAGEMENT FACILITIES

BROOKHAVEN, LINCOLN COUNTY, MS

January 8, 2024

**STORM WATER POLLUTION PREVENTION PLAN (SWPPP)
CITY OF BROOKHAVEN WASTE MANAGEMENT FACILITIES
BROOKHAVEN, LINCOLN COUNTY, MS**

Table of Contents

- I. Introduction

- II. Site Information
 - A. Site Soil Types
 - B. Receiving Waters
 - C. 404 Permit
 - D. Total Acreage Disturbed
 - E. Drainage Areas

- III. Controls
 - A. Vegetative Controls
 - B. Structural Controls
 - C. Housekeeping Practices
 - D. Post Construction / Site Management

- IV. SWPPP
 - A. Site Information
 - B. Controls
 - C. Implementation Sequence
 - D. Inspection and Maintenance Schedules

- V. Construction Notice of Intent

- VI. Implementation
 - A. Inspection and Reporting
 - B. Revisions
 - C. Proof of Coverage

- VII. Termination of Coverage

I. Introduction

The purpose of this report is to identify potential sources of pollution on this construction site in an effort to minimize its effect on the environment. This report will give the user information on the site, outline erosion controls to be used and will discuss the implementation of the construction and how the erosion control should be modified to prevent siltation and erosion throughout all aspects of construction.

This SWPPP was prepared for the City of Brookhaven, MS for use in implementing during construction of the Class I Rubbish Site – Closure Plan in Lincoln County, Mississippi and is in substantial compliance with MDEQ Regulations.

II. Site Information

This project is located in Section 21, Township 7 North, Range 8 East, Lincoln County, Mississippi. This site is located approximately 1.5 miles North of Highway 84, on the West side of County Farm Lane NE in Brookhaven, MS. The Rubbish Site is located at 463 County Farm Lane NE. The following maps are attached to provide additional information on the site.

- A. Existing Soils: See soils map this section. This property is made up of Providence silt loam (PrC3,) Falaya silt loam (Fa,) Guin gravelly sandy loam(GgF,) & Pit gravel (GP) types. See attached maps.
- B. Receiving Waters: This property drains into a tributary of East Bogue Chitto Creek.
- C. U.S. Corp of Engineer Permit: As shown on the attached exhibit, there will be 0.45 Acres of wetlands impacted by the proposed construction. As described in the attached email with the COE, mitigation will be required with a total of 3.3 wetland credits required. The City is working with Bart Pittman, Pittman Environmental Services to request quotes from wetland banks to satisfy these requirements. The current schedule will have the City receiving quotes & approving payment to the selected wetland bank at the next regular meeting on January 16, 2024.
- D. Total Area Disturbed: Construction may disturb up to 16.38 acres for required grading.
- E. Drainage Area: This construction site will have approximately 16.38 acres on-site contributing to the offsite drainage.

III. Controls

The controls described below are general in nature and are shown to exhibit the type of erosion controls that may be used in this type of construction.

- A. Vegetative Controls. These controls are an inexpensive and effective way to protect soil from raindrop impact, a major erosion force. It also decreases erosion due to flowing water by reducing its velocity. Roots from vegetation hold the soil in place and increase infiltration. Topsoil should be used where existing soils are not suitable for vegetative growth.
1. Vegetative Buffer Zones. An undisturbed area will remain on the perimeter of the property. This will aid in the prevention of sediment leaving the site.
 2. Temporary Seeding. Any disturbed areas that will be left undisturbed for 14 days or more will be seeded (temporarily) immediately, with fast growing annual grasses.
 3. Permanent Seeding. Perennial grasses will be used within 7 days after final grading has been completed. If the weather is not conducive to permanent seeding a temporary seed should be used. Sodding may also be necessary in highly erodible areas.
 4. Mulching. Blown hay bales should be used in conjunction with permanent seeding to prevent erosion until seeding can become established. Mulch will also retain moisture and dampen temperature extremes.
- B. Structural Controls. These controls divert stormwater flows away from disturbed areas, reduce runoff velocities, filter out sediment and remove sediment by ponding.
1. Silt Fences: Silt fences are used below disturbed areas to capture sediment from sheet flow. Twelve inches of fence should be buried in a trench about 6 inches deep and 6 inches wide. **Silt fences not buried are improperly installed and could result in substantial fines.** The maximum slope length behind a fence is 100 feet and the maximum slope is 2 horizontal feet to 1 vertical feet. The fence must be maintained and the sediment removed when deposits reach on-half the fence height. After construction is complete, the silt fences should be removed and the area should be graded, seeded and mulched.
 2. Slope drains: Slope drains are piping or lined channels that carry storm water downslope without erosion. A good example would be a downspout extender. Extenders may be used to protect temporarily stabilized areas from roof runoff. Extenders can direct water from roof gutters to paved or grassed areas. Remove extenders following permanent stabilization.
 3. Construction entrance/exits: These are stone stabilized site entrances which reduce sediment tracked onto public roads. Apply gravel or crushed rock to the driveway area and restrict traffic to this one route. Use 3 to 6 inches of gravel over a geotextile fabric. At the end of each day sweep or scrape up any soil tracked onto the street. Limit "standard" vehicle access (including workers' vehicles) to only streets and roads, keep

- vehicles off of future yard areas; limit tracking of mud onto streets by requiring any required vehicles to use designated access drives. Streets are conduits for storm water, it is important to keep mud and sediment off the streets.
4. Stockpiles: Stockpiles of sand or soil should be covered with plastic or tarps at the end of each workday, or surrounded with silt fence or wattles. Do not locate a stockpile near a street, storm drain inlet, or ditch.
 5. Erosion control blankets or mats: These are machine-produced mats of straw or other fibers held together with netting that provide temporary or permanent stabilization in critical areas, such as slopes or channels, so that vegetation may be established.
 6. Sediment basins: These are used to allow sediment to settle out. Sediment basins are made by diking, excavating or a combination of the two. Side slopes should be 2 to 1 or flatter and they should be built in a trapezoidal shape. Sediment should be removed when the volume of the basin has been reduced to 1/2 of its original volume. The length should be twice the width.
 7. Riprap outlet protection: This is used at the outlet of culverts or channels to reduce the depth, velocity and energy of water so the flow will not erode the downstream area or an off-site area or waterway.
 8. Wattles: This is used to protect silt from entering curb inlets.
- C. Housekeeping Practices: Waste receptacles will be provided, and regular collection of waste will be conducted. Equipment will be repaired and maintained offsite. Portable sanitary facilities will be provided for workers. These facilities will be provided and adequately maintained. Sanitary facilities will be placed in a safe location on the site away from drop inlets. Protected storage areas will be provided for chemicals, paints, solvents, fertilizers, pesticides, herbicides, detergents, and potentially toxic materials. An area will be created for concrete truck wash off by excavating material and using the removed material as an earthen berm to contain any wash off and any concrete remaining in truck will be disposed of at the batch plant.
- D. Post Construction Controls: Silt fence will be maintained until construction related erosion has ended. Silt fence will be inspected after any significant rain event and a minimum of four times per month. Seeding will be maintained and re-seeded as needed.

IV. SWPPP

A. Site Information

This project shall consist of unclassified excavation, borrow excavation, and erosion control related to the final closure of the city's Class I Rubbish Site. The nearest receiving stream is a drainage ditch that runs southwest of the project and discharges into a tributary of East Bogue Chitto Creek. It is not listed as an impaired waterway.

B. Controls

Vegetative Controls. Topsoil removed from the construction site will be stockpiled to direct any surface drainage away from the construction area. All diversions will be seeded *immediately after* construction. Topsoil will be stockpiled for re-use in final grading. Any disturbed areas that will be left undisturbed for fourteen days or more should be seeded (temporary seeding) *immediately*. After final grading, all disturbed areas will be seeded (permanent seeding) immediately.

Structural Controls. Approximately 2570 LF of silt fence will be constructed on the downstream limits of the construction area. Wattles will be placed intermittently along the slopes. There will be a construction entrance constructed entering the area of the jobsite. The entrance will be a minimum of 50 feet long and wide enough to accommodate construction vehicles. The construction entrance will be constructed out of geotextile and a layer of aggregate that is greater than 3 inches but smaller than 6 inches. The construction entrance will have a culvert underneath it as necessary to allow water to drain from one side to another. See attached erosion control plan and detail sheets.

Housekeeping Practices. All equipment maintenance and repair will be done offsite. Trash cans will be placed at convenient locations throughout the site. Paints, solvents, fertilizers or any other potentially toxic materials will not be stored onsite. Portable sanitary facilities will be provided for construction workers. There will be a designated area for concrete wash off.

Post Construction Measures. Silt fence and wattles will be maintained until construction related erosion has ended. Silt fence and wattles will be inspected after any rain event that produces a discharge and a minimum of four times per month. Seeding will be maintained and re-seeded as needed.

C. Implementation Sequence

1. Install silt fence & brush barrier to control any silt runoff caused by construction.
2. Install construction entrances.
3. Remove and stockpile any topsoil as necessary.
4. Install wattles at areas during construction once grading is completed.
5. Proceed with other construction activities.
6. All erosion control will be maintained during the entire construction process.
7. Once construction is completed, remove construction entrances, install seed, fertilize, and mulch in all disturbed areas.
8. All temporary erosion measures are to be removed once the site is stabilized.

D. Inspection and Maintenance Schedules

1. Inspections will be conducted at least weekly for a minimum of four inspections per month and as often as necessary to ensure that appropriate erosion and sediment controls have been properly constructed and maintained and to determine if additional or alternative control measures are required. Permanent corrective measures shall be implemented within five (5) days of the inspection.
2. Accumulated sediment shall be removed from all structural controls, including silt fence and straw wattles when the deposits reach one-third to one-half the height of the control.
3. Non-functioning controls shall be repaired, replaced, or supplemented with functional controls within twenty-four (24) hours of discovery or as soon as field conditions allow.
4. Soil stabilizing-vegetated stabilization measures must be initiated whenever any clearing, grading, excavating, or other land disturbing activities have temporarily or permanently ceased on any portion of the site and will not resume for a period of fourteen (14) days or more. The appropriate temporary or permanent vegetative practices shall be implemented immediately.
5. Maintain all vegetated areas to provide proper ground cover – reseed, fertilize, and mulch as needed.