

December 8, 2023  
N-S Project No. 17952.000

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

REFERENCE: INNOVATION AND COMMERCIALIZATION PROJECT  
UNIVERSITY OF SOUTHERN MISSISSIPPI, FORREST COUNTY  
STORMWATER POLLUTION PREVENT PLAN  
LARGE CONSTRUCTION NOTICE OF INTENT

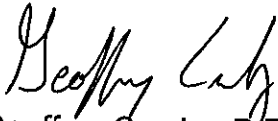
Dear Chief:

Enclosed please find one (1) copy of the Stormwater Pollution Prevention Plan and large construction notice of intent for the above referenced project.

Please call me at 601-545-1565 if you have any questions or need additional information (email: [geoffrey.crosby@neel-schaffer.com](mailto:geoffrey.crosby@neel-schaffer.com))

Sincerely,

NEEL-SCHAFFER, INC.



Geoffrey Crosby, P.E.  
Assistant Engineer Manager

Enclosures

**RECEIVED**

DEC 12 2023

Dept. of Environmental Quality

P: 601.545.1565 | F: 601.545.2267

704 Hardy Street

Hattiesburg, MS 39401

[www.neel-schaffer.com](http://www.neel-schaffer.com)



AI: 85537



Coverage #:  
MSR109161

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)

MSR10 9161

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: ☒ OWNER ☐ PRIME CONTRACTOR

**OWNER CONTACT INFORMATION**

OWNER CONTACT PERSON: Dr. Joseph Paul  
OWNER COMPANY LEGAL NAME: The University of Southern Mississippi  
OWNER STREET OR P.O. BOX: 118 College Dr. #5001  
OWNER CITY: Hattiesburg STATE: MS ZIP: 39403-1898  
OWNER PHONE #: (601) 266-5001 OWNER EMAIL: president@usm.edu

**PREPARER CONTACT INFORMATION**

IF NOI WAS PREPARED BY SOMEONE OTHER THAN THE APPLICANT

CONTACT PERSON: Geoffrey Crosby, P.E.  
COMPANY LEGAL NAME: Neel-Schaffer, Inc.  
STREET OR P.O. BOX: 704 Hardy Street  
CITY: Hattiesburg STATE: MS ZIP: 39401  
PHONE # ( ) (601) 545-1565 EMAIL: geoffrey.crosby@neel-schaffer.com

**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: The University of Southern Mississippi  
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: Classic Drive  
CITY: Hattiesburg STATE: MS COUNTY: Forrest ZIP: 3401  
FACILITY SITE TRIBAL LAND ID (N/A If not applicable): NA  
LATITUDE: 31 degrees 21 minutes 18 seconds LONGITUDE: 89 degrees 21 minutes 40 seconds  
LAT & LONG DATA SOURCE (GPS (Please GPS Project Entrance/Start Point) or Map Interpolation): Map Interpolation  
TOTAL ACREAGE THAT WILL BE DISTURBED: 17.3

IS THIS PART OF A LARGER COMMON PLAN OF DEVELOPMENT?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT: _____		
AND PERMIT COVERAGE NUMBER: MSR10 _____		
ESTIMATED CONSTRUCTION PROJECT START DATE:	2024-03-01 YYYY-MM-DD	
ESTIMATED CONSTRUCTION PROJECT END DATE:	2024-09-30 YYYY-MM-DD	
DESCRIPTION OF CONSTRUCTION ACTIVITY: <u>Clearing, Grading, Crushed Stone Base &amp; Geotextile Fabric Installation, Grassing</u>		
PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED: <u>Access Road and Clearing for future Development Access</u>		

SIC Code: <u>1</u> <u>6</u> <u>1</u> <u>1</u>	NAICS Code <u>2</u> <u>3</u> <u>7</u> <u>3</u> <u>1</u> <u>0</u>
-----------------------------------------------	------------------------------------------------------------------

NEAREST NAMED RECEIVING STREAM: <u>Boule River</u>	
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: <a href="http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section">http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section</a> )	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
HAS A TMDL BEEN ESTABLISHED FOR THE RECEIVING STREAM SEGMENT?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
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 <input type="checkbox"/> NO <input checked="" type="checkbox"/>
EXISTING DATA DESCRIBING THE SOIL (for linear projects please describe in SWPPP): <u>Prentiss Loam and Susquehanna Silt Loam</u>	
WILL FLOCCULANTS BE USED TO TREAT TURBIDITY IN STORM WATER?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
IF YES, INDICATE THE TYPE OF FLOCCULANT.	<input type="checkbox"/> ANIONIC POLYACRYLAMIDE (PAM) <input type="checkbox"/> 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 <input type="checkbox"/> NO <input type="checkbox"/>
WILL THERE BE A 50 FT BUFFER BETWEEN THE PROJECT DISTURBANCE AND THE WATERS OF THE STATE?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
IF NOT, PROVIDE EQUIVALENT CONTROL MEASURES IN THE SWPPP.	

<sup>1</sup> Acreage for subdivision development includes areas disturbed by construction of roads, utilities and drainage. Additionally, a housesite of at least 10,000 ft<sup>2</sup> 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: Nationwide Verification

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 ☒

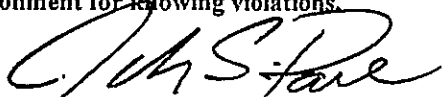
IF THE PROJECT IS A SUBDIVISION OR A COMMERCIAL DEVELOPMENT, HOW WILL SANITARY SEWAGE BE DISPOSED? Check one of the following and attach the pertinent documents.

- ☐ 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:

City of Hattiesburg (MS4)

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 Applicant<sup>1</sup> (owner or prime contractor)

12-6-23

Date Signed

Dr. Joseph Paul

Printed Name<sup>1</sup>

President

Title

<sup>1</sup>This 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

# **STORM WATER POLLUTION PREVENTION PLAN**

---

**USM  
INNOVATION AND COMMERCIALIZATION PARK  
THE UNIVERSITY OF SOUTHERN MISSISSIPPI  
FORREST COUNTY, MISSISSIPPI**

**DECEMBER, 2023**

---

**PREPARED BY:**



## TABLE OF CONTENTS

- I. General Description of Project
- II. Site Information
- III. Erosion and Sediment Controls
- IV. Maintenance During Construction
- V. Reporting Requirements
- VI. Post Construction Controls
- VII. Housekeeping Practices
- VIII. Appendix
  - A Site Location Map and Erosion Control Details
  - B Inspection Report and Certification Form



## **I. General Description of Project**

The purpose of the project is to construct an access roads at the University of Southern Mississippi's Innovation and Commercialization Park. The project will consist of clearing and grubbing, grading, geotextile fabric, stone, drainage improvements, and grassing. The proposed project site encompasses approximately 17.30 acres within Forrest County, Mississippi

## **II. Site Information**

The site is located in Section 36 Township 5 North, Range 14 West, Forrest County, Mississippi. A site location map is enclosed in Appendix A. According to the USDA-Soil Conservation Service and Forest Service soil survey report, the soil in the project area is comprised of Susquehanna silt loam, 5% to 12% slopes, Susquehanna silt loam, 1% to 5% slopes and Prentiss loam, 2% to 12%.

## **III. Erosion and Sediment Controls**

Soil stabilization-vegetative stabilization measures must be initiated no later than the next available work day if the area will not be disturbed within fourteen (14) days or more. The appropriate temporary or permanent vegetative practices shall be implemented no later than the next available work day.

1. Provide and maintain a fifty (50) foot undisturbed buffer around the waters of the U.S. or provide and maintain an undisturbed natural buffer that is less than fifty (50) feet that is supplemented by additional erosion and sediment controls which in combination achieves the sediment load reduction equivalent to a fifty (50) foot undisturbed natural buffer. Storm water is to be directed to vegetated areas that maximize storm water infiltration to reduce pollutant discharges.
2. Topsoil should be stockpiled and used in areas that will be re-vegetated. When final grade is reached it should be disturbed to a minimum depth of 2 inches on 3:1 slopes and 4 inches on flatter slopes.
3. Heavy equipment used in areas to be re-vegetated shall be avoided. If compaction cannot be avoided, the top 4 inches of the soil bed should be

tilled before re-vegetation. Any necessary fertilizer or other soil amendments should be added during the tilling process.

The Mississippi "Handbook for Erosion, Sediment Control and Stormwater Management on Construction Sites and Urban Areas" (Mississippi Department of Environmental Quality, 2011) in addition to the Field Manual for Erosion and Sediment Control on Construction Site in Mississippi (second edition – 2005) will be used as the guideline for the Stormwater Pollution Prevention Plan for the proposed construction. Each Construction Contractor and Subcontractor will be required to use the applicable sections of the manual for erosion and sedimentation control.

Silt fences will be erected and maintained on all drainage leaving the work area until completion of construction activities and permanent grass cover is established. Areas where construction activity temporarily ceases for more than 14 days, the appropriate temporary or permanent vegetative practices shall be initiated no later than the next working day. Wattles will be used in conjunction with silt fences to help control the flow of water within and across the work area. All wattles will be removed after permanent grass cover is established. Sand bags and/or gravel will be used for inlet protection and will be removed once inlet areas are paved or permanently grassed. Stockpiled soils shall be protected by plastic sheeting held in place by sandbags or a collection trench protected with silt fence or wattles. A waste pit shall be established to contain waste from concrete truck wash-out. The debris from this pit shall be removed and at the completion of the project.

All control measures and housekeeping practices shall be in full compliance with Mississippi's "Planning and Design Manual for the Control of Erosion, Sediment and Stormwater" and "Field Manual for Erosion and Sediment Control on Construction Site in Mississippi." (See attached general installation/placement of control measures.)

The maximum total acreage that can be disturbed, at one time, on the project is TEN (10) acres. The Contractor shall be required to "stabilize" disturbed areas prior to opening additional sections of the project. "Stabilized" shall be when the disturbed area has been grassed either temporary or permanent, and mulched according to the

specifications. Disturbed areas include roadbeds, slopes, and other remaining areas within the project limits.

All erosion control measures shall be monitored closely during the life of the project.

The erosion control plan is a living document and shall be modified and updated as field conditions warrant.

Sediment basin is being utilized on the 23-acre site and as shown in the drawings.

1. Steep Slopes that cannot be avoided must have, at a minimum, silt fence or equivalent sediment controls for all down slope boundaries.
  2. Construction entrances/exits shall be installed wherever traffic will be leaving a construction site and moving directly onto a paved public road.
  3. Storm Drain Inlets that could receive storm water from construction activities shall be protected by surrounding or covering with a filter material until final stabilization has been achieved.
- 
1. Perimeter silt fencing and brush barriers shall be maintained throughout the life of the project.
  2. Construction activities shall be scheduled or sequenced so as to concentrate work in certain areas to minimize the amount of soil that is exposed at one time.
  3. Silt fencing shall remain installed until such time as the engineer deems that the permanent grass establishment is sufficient.
  4. Although the owner will retain other undeveloped land, no construction activity will take place outside of the shown project limits.

### **Implementation of Controls:**

1. Install erosion controls as shown on the plan details and temporarily adjust and replace them for utility installations. When the height of the accumulated sediment reaches 1/3 of the height of the control, sediment shall be removed. Non-functional controls shall be replaced within 24 hours of discovery. When a disturbed area is to be left 14 days or more, the appropriate temporary or permanent vegetative practices shall be initiated no later than the next working day.
2. The owner, in disturbing an area, shall implement controls as needed to prevent erosion and adverse impacts to the waters of the State.
3. Comply with applicable State and local waste and sanitary sewer disposal regulations.

### **Housekeeping Practices:**

1. The permit holder shall design, install, implement and maintain practices appropriate to prevent pollutants from entering storm water from construction sites because of poor housekeeping. These practices are listed in the SWPPP and located on the site map.
2. Chemicals, solvents, paints, fuels and other potential pollutants shall be kept under cover in a location that is not affected by storm water runoff. Equipment and containers are not to be washed in an area that will allow runoff to directly enter a stream or storm drain inlet.
3. Equipment Maintenance and Repair:  
There shall be no major maintenance and/or repairs performed within the project area. Minor maintenance and repairs shall be permitted only after appropriate erosion control measures are in place.
4. Concrete Chute Wash Off:  
There will be an established collection pit for concrete chute wash off. Debris from this pit shall be collected and emptied off site.

5. Waste Receptacles and Waste Collection:

Each construction crew will be responsible for providing waste receptacles for their use. The receptacles shall be emptied off site at an appropriate interval.

6. Sanitary Facilities:

Each construction crew shall be responsible for providing and maintaining adequate sanitary facilities for their own use. Please note that the sanitary facilities are not permitted to discharge into State Waters. Portable facilities shall not be placed near storm water inlets. Portable facilities in which the sanitary waste is collected, shall be disposed of at an appropriate treatment facility.

#### **IV. Maintenance During Construction**

Construction will not begin until adequate erosion control measures are in place. A construction sequence shall be as follows.

##### **Construction Sequence**

1. Obtain plan approval and other applicable permits.
2. Hold preconstruction conference at least one week prior to starting construction.  
Weekly review of erosion, sediment, and stormwater control plan will be conducted.
3. Flag the work limits.
4. Install sediment controls as the first construction activity. Sediment controls are to be installed at locations indicated on the Contractor's Erosion Control Plan. Install construction entrances at each entry point.
5. All erosion and sediment control practices will be inspected weekly and after a rain that produces a discharge. Necessary repairs will be made immediately. Controls will be monitored and maintained throughout the project duration
6. Clear and grub the project site.
7. Complete site work, grading/drainage installation, building construction, and pavement installation.
8. Complete final grading of grounds and permanently vegetate, landscape, and mulch.

9. After site is stabilized, remove all temporary erosion control measures and install permanent vegetation on any disturbed areas.
10. Estimated time before final stabilization from commencement of project ~ 12 months.

The maintenance plan shall be as follows

### **Maintenance Plan**

#### **Short Term**

1. All erosion and sediment controls will be checked for stability and operation following every runoff-producing rainfall but in no case less than once every week. Any needed repairs will be made immediately to maintain all practices as designed.
2. Sediment will be removed from behind the sediment barriers when one-third to one-half of the height of the barrier is reached. Sediment barriers will be replaced as necessary to maintain all sediments within the project site.
3. All seeded areas will be fertilized, reseeded as necessary, and mulched according to specifications in the vegetative plan to maintain a vigorous, dense vegetative cover.
4. As needed, new or additional workers will be utilized in the implementation of the operation and maintenance of plan features.

#### **Long Term**

1. All vegetated areas will be maintained in adequate condition to provide proper ground cover, thereby reducing erosion potential.
2. Areas where vegetation is lost will be fertilized, seeded, and maintained as necessary to restore ground cover.

**Maintenance and Weekly Inspections:**

1. Inspection of all erosion controls shall be performed weekly and after a rain that produces a discharge. Record of such inspections shall be made and documented on the attached form. Inspections must continue until construction is completed or land disturbing activities have ceased and ground cover is established.
2. Maintenance and additional controls may be installed as directed by the Engineer or Owner, based on construction activities and practices.

These measures will generally consist of the items stated in Section III of this report. The measures shall remain in place during construction. Any disturbed or damaged control measures shall be immediately repaired or replaced.

1. Accumulation of soils at Construction Entrance will be washed or swept to sediment barriers for collection.
2. Silt fences will be inspected for depth of sediment, tears, to see if the fabric is securely attached to fence posts, and to see that the fence posts are firmly in the ground at each inspection.
3. Wattles will be inspected for displacement and stake attachment.
4. Sandbags will be inspected for placement and stability.
5. Temporary and permanent seeding/sodding will be inspected for bare spots, washouts, and healthy growth.
6. Permanent grassing of the project area shall commence as soon as practical. All grassed areas shall be maintained to an acceptable level until the construction is completed.

**V. Reporting Requirements**

All inspection of erosion and sediment controls shall be kept using the forms included in Appendix B. If requested, reports shall be submitted to the Mississippi Office of Pollution Control at the following address:

Chief, Environmental Permits Division  
Office of Pollution Control  
Department of Environmental Quality  
P.O. Box 10385  
Jackson, MS 39289-0385

Otherwise, contractor shall maintain inspection records on site and made available to MDEQ staff.

**VI. Post Construction Controls**

Controls after the project has been completed will consist of permanent grass growth being established.

**VII. Flocculant Application:**

Flocculants not used for this project.

**VIII. Prepare Scaled Site Map(s):**

See Attached Drawings

**XV. Non-Storm Water Discharge Management:**

See Attached Drawings

**XVI. Final Stabilization:**

All disturbed areas shall receive the appropriate permanent vegetative practices no later than the next working day within fourteen (14) days of no disturbance.

**XVII. Storm Water Training:**

Storm water training and record keeping shall be as described in ACT5 T-20 and T-21 of the Large Construction Storm Water General Permit. The General Permit can be found on MDEQ's website. Employee Training Documentation and SWPPP shall be maintained on site and made available to MDEQ personnel for inspection upon request.



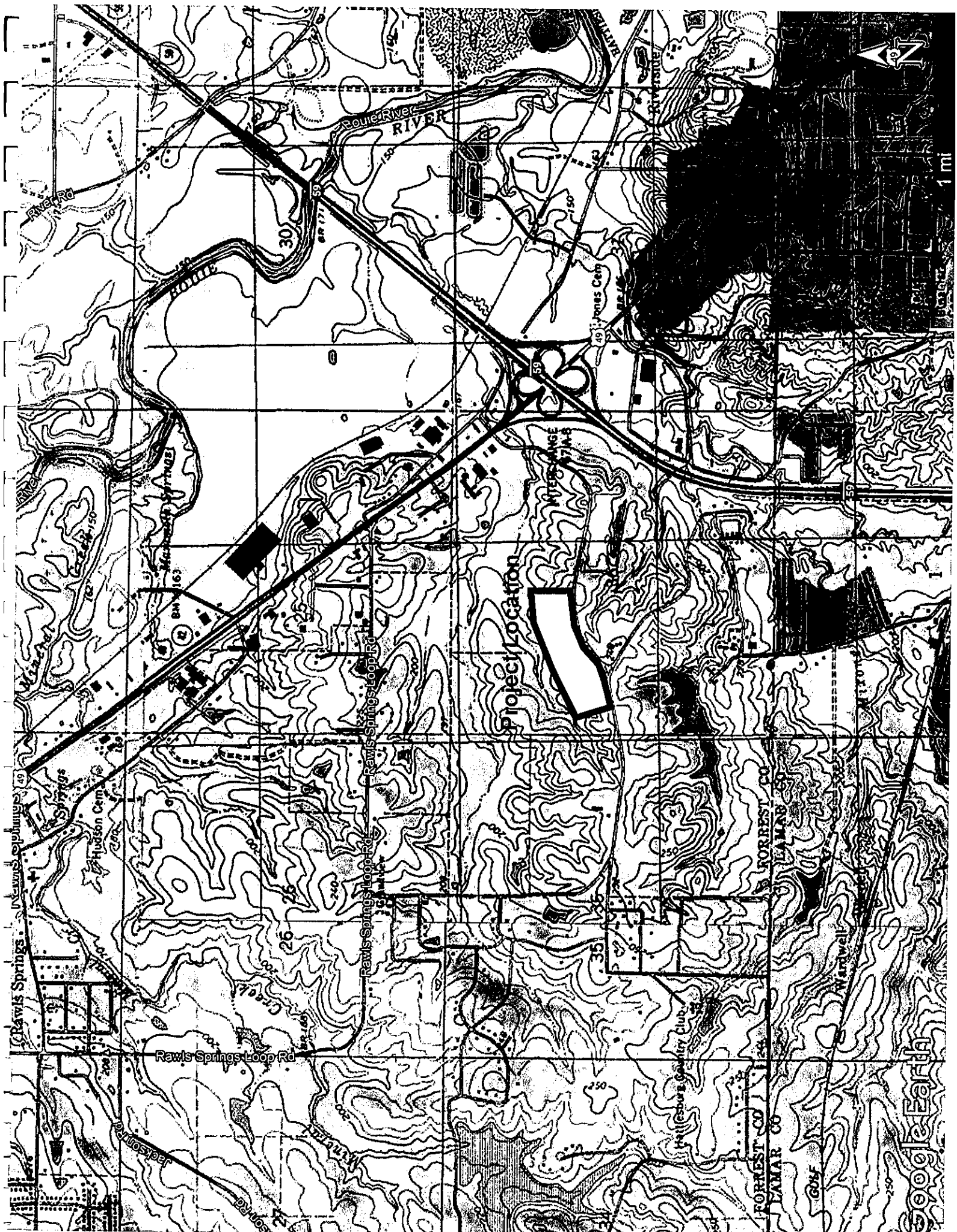
## **Appendix**

Appendix A - Site Location Map and Erosion Control Details

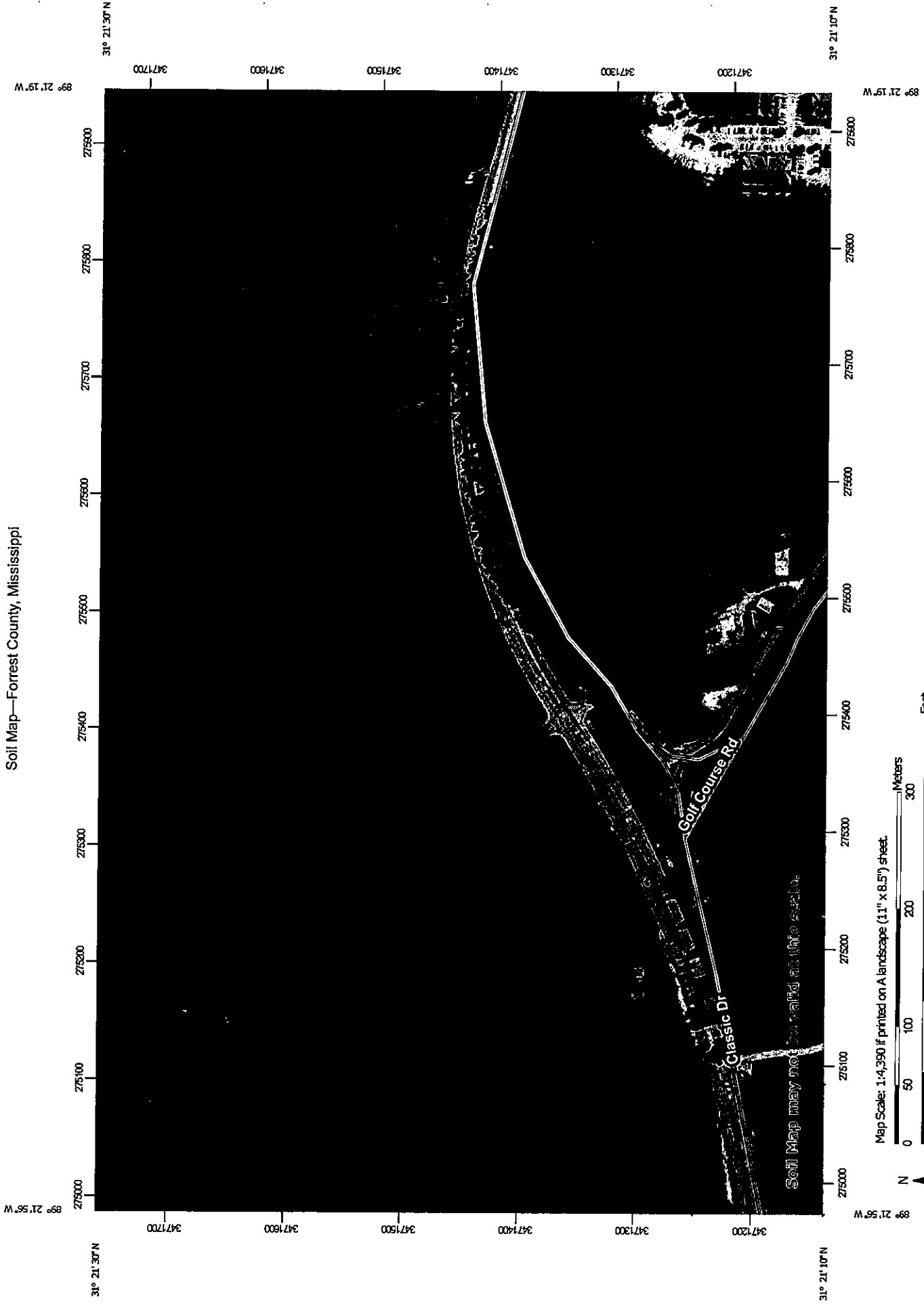
Appendix B - Inspection Report and Certification Form

## APPENDIX A

### SITE LOCATION MAP AND EROSION CONTROL DETAILS












































Soil Map—Forrest County, Mississippi



Map Scale: 1:4,350 if printed on A landscape (11" x 8.5") sheet.

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84

## MAP LEGEND

	Area of Interest (AOI)		Spoil Area
	Soils		Stony Spot
	Soil Map Unit Polygons		Very Stony Spot
	Soil Map Unit Lines		Wet Spot
	Soil Map Unit Points		Other
	Special Point Features		Special Line Features
	Blowout		Water Features
	Borrow Pit		Streams and Canals
	Clay Spot		Transportation
	Closed Depression		Rails
	Gravel Pit		Interstate Highways
	Gravelly Spot		US Routes
	Landfill		Major Roads
	Lava Flow		Local Roads
	Marsh or swamp		Background
	Mine or Quarry		Aerial Photography
	Miscellaneous Water		
	Perennial Water		
	Rock Outcrop		
	Saline Spot		
	Sandy Spot		
	Severely Eroded Spot		
	Sinkhole		
	Slide or Slip		
	Sodic Spot		

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Forrest County, Mississippi  
Survey Area Data: Version 19, Sep 9, 2023

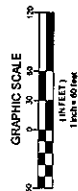
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Nov 14, 2021—Nov 24, 2021

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PtB	Prentiss loam, 2 to 5 percent slopes	0.6	1.8%
SuB	Susquehanna silt loam, 1 to 5 percent slopes	1.6	4.8%
SuD	Susquehanna silt loam, 5 to 12 percent slopes	31.0	93.4%
Totals for Area of Interest		33.2	100.0%



THE ENGINEER MAY REQUIRE EXPOSED ERODIBLE SOIL FROM THE EXCAVATION OF SLOPES AND DEMOLITION AREAS SHALL BE COVERED WITH EROSION CONTROL BLANKET, TYPE II, BY THE END OF THE WORK DAY OR BEFORE A RAINFALL EVENT, WHICHEVER COMES FIRST.

LEGEND	
ITEMS	SYMBOL
DITCH & PIPE INLET & OUTLET PROTECTION	
SILT FENCE	
INLET PROTECTION	

HATTIESBURG, MS  
FORREST COUNTY

**NOTICE TO DRAWING HOLDER**  
 SEE - SCHAFER, INC., HEREBY REFERS TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE DRAWING HOLDER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN PERMISSION OR ADAPTATION BY THE ENGINEER, SHALL BE AT THE ENGINEER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES, ARISING OUT OF OR RESULTING THEREFROM.

REVIEWS		DRAWING INFORMATION	
NO.	DATE	BY	DESCRIPTION
		H = PROJECT NO.: 1951.1952.000 TREATMENT: 1952.15-mp SCALE: 1" = 60' SUBMITTED BY: SEAR, INC. DISCR: CPC DATE: 10/20/23 DRINK: CPC DATE: 10/20/23 CHWD: DATE:	

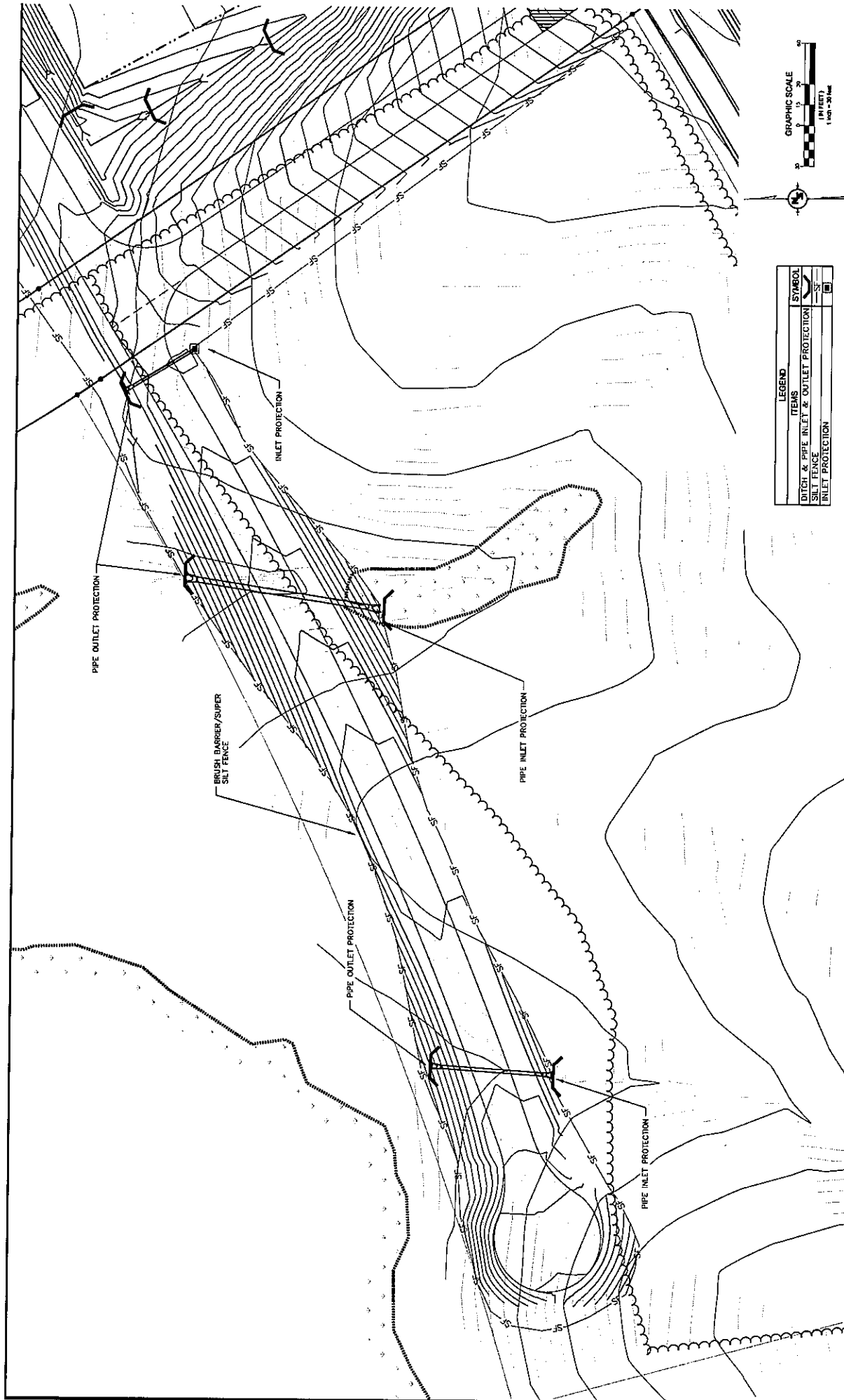


**NEEL-SCHAFER**  
Solutions you can build upon

EROSION CONTROL PLAN  
BASE BID

**WORKING NUMBER:**

**IG NUMBER:**



LEGEND	ITEMS	SYMBOL
DITCH & PIPE INLET & OUTLET PROTECTION		
BRUSH BARRIER		
INLET PROTECTION		

<b>NEEL-SCHAFFER</b> Solutions you can build upon		EROSION CONTROL PLAN ADD ALTERNATE	
INNOVATION AND COMMERCIALIZATION PARK PROJECT UNIVERSITY OF SOUTHERN MISSISSIPPI HATTIESBURG, MS FORREST COUNTY		WORKING NUMBER: EC-2 DRAWING NUMBER: XX	

DRAWING INFORMATION	
PROJECT NO.	MS-17/19/22-000
FILE NAME	170912-000.dwg
SCALE	1" = 50'
DESIGNED BY	MS-17/19/22-000
CHECKED BY	MS-17/19/22-000
DATE	10/20/23
DATE	10/20/23
DATE	10/20/23
DATE	10/20/23

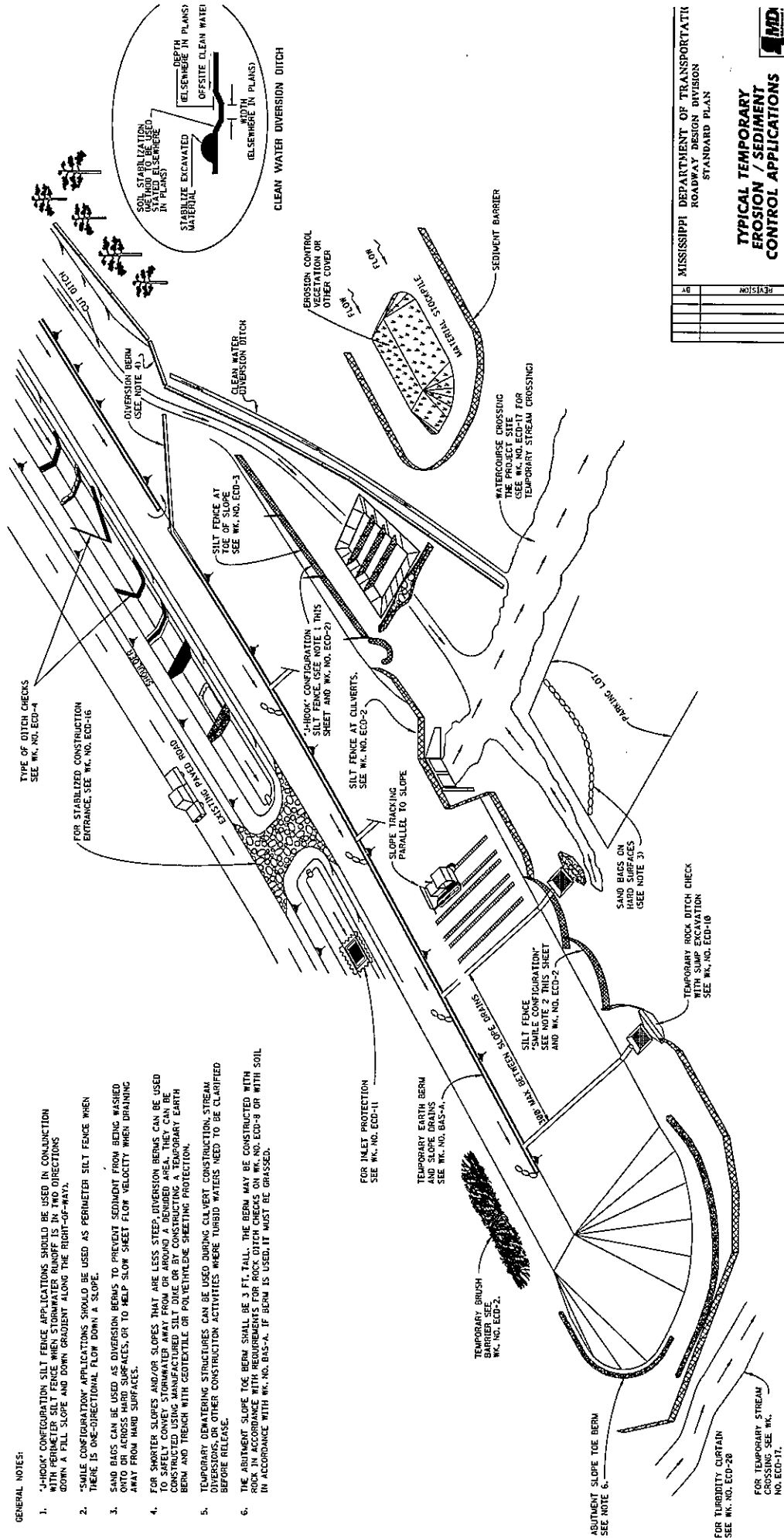
NO.	DATE	BY	DESCRIPTION

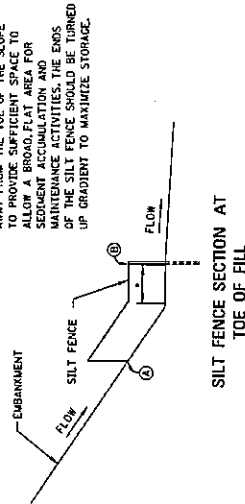
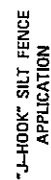
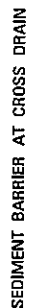
**NOTICE TO DRAWING HOLDER**

NEEL-SCHAFFER, INC. HEREBY DISCLAIMS ANY AND ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THIS DRAWING IS FOR INFORMATION ONLY AND IS NOT TO BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSE. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE PROTECTION OF THE PROJECT AND THE USER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE PROJECT AND THE USER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE PROJECT.



STATE	PROJECT
MISS.	



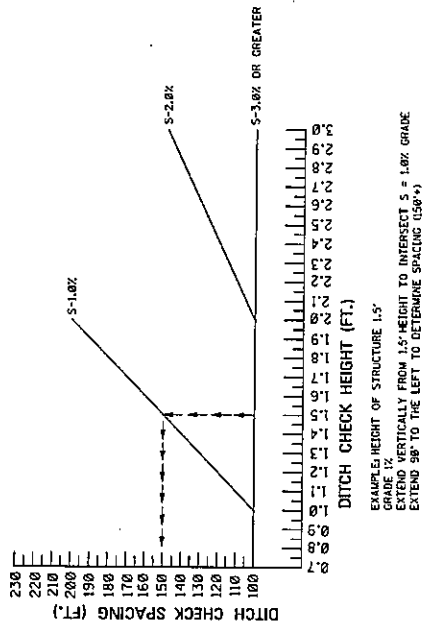


1. BRUSH BARRIER MAY BE USED WHERE NATURAL GROUND IS LEVEL OR SLOPING AWAY FROM PROJECT.
2. PLACE BRUSH, LOG AND TREE LAPS APPROXIMATELY PARALLEL TO TOE OF FILL SLOPE WITH SOME OF THE HEAVIER MATERIALS BEING PLACED ON TO PROPERLY SECURE THE BARRIER AS DETAILED AT LOCATIONS SHOWN ON PLANS OR AS DIRECTED OR PERMITTED BY THE ENGINEER.
3. TO ALLOW WATER TO SEEP THROUGH BRUSH BARRIER, INTERMINGLE THE BRUSH, LOG AND TREE LAPS SO AS NOT TO FORM A SOLID DAM.
4. THE BRUSH BARRIER MAY BE CHOKED WITH FILTER FABRIC. THE COST OF FABRIC TO BE INCLUDED IN OTHER ITEMS BID.
5. TEMPORARY BRUSH BARRIER WILL NOT BE MEASURED FOR SEPARATE PAYMENT.

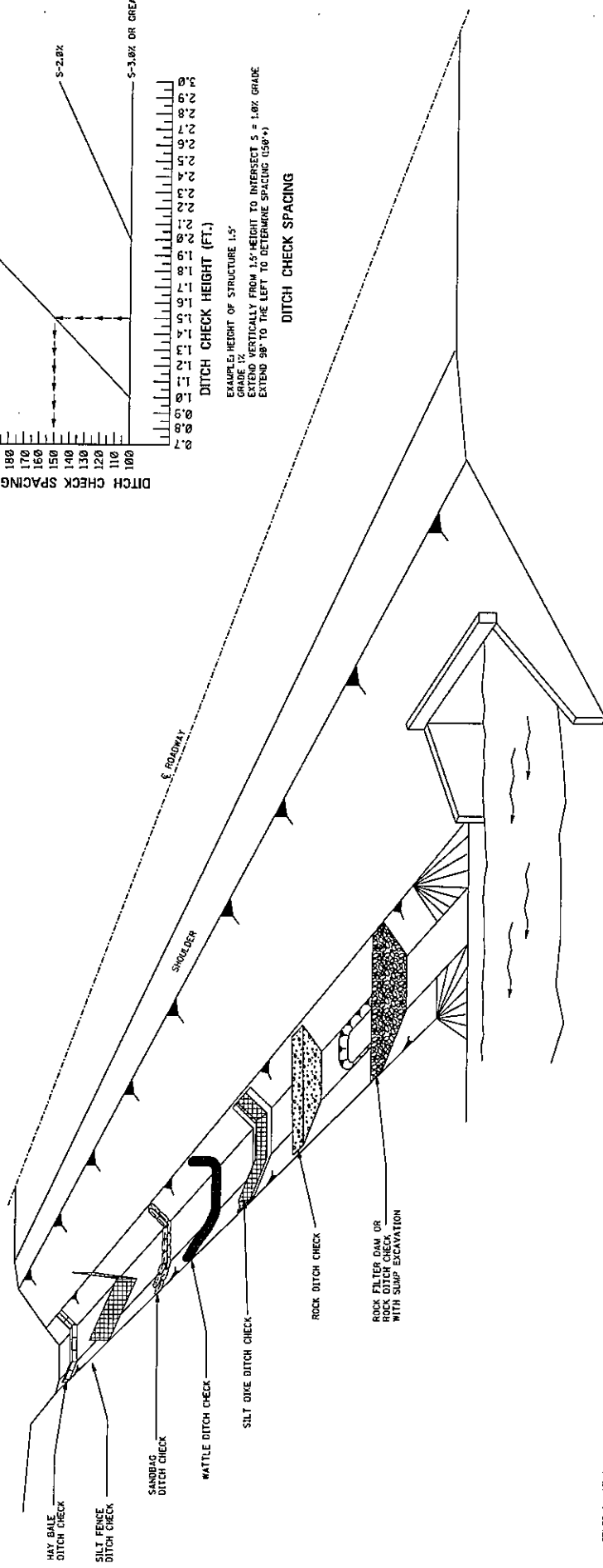
NOTE: ANCHOR AND INSTALL. SILT FENCE PER DETAILS SHOWN ON WK. NO. ECO-3

\* SILT FENCE SHOULD BE LOCATED AWAY FROM THE TOE OF THE SLOPE TO PROVIDE SUFFICIENT SPACE TO ALLOW A BROAD, FLAT AREA FOR SEDIMENT ACCUMULATION AND MAINTENANCE ACTIVITIES. THE ENDS OF THE SILT FENCE SHOULD BE TURNED UP GRADIENT TO MAXIMIZE STORAGE.





### DITCH CHECK SPACING



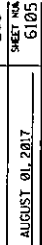
### GENERAL NOTES:

1. THE DITCH CHECK PERSPECTIVE ILLUSTRATES A TOOL BOX OF TEMPORARY PRACTICES THAT MAY BE USED. DITCH CHECKS ARE INSTALLED TO CONTROL RUNOFF VELOCITY AND THUS REDUCE EROSION AND PROVIDE FOR TRAPPING OF SEDIMENTS.
2. SELECTION OF THE APPROPRIATE DITCH CHECK SHOULD BE A FUNCTION OF CONSTRUCTION PHASE, DRAINAGE AREA, DITCH GRADE, SOIL TYPE, ECONOMY AND SAFETY.
3. DITCH CHECKS CAN BE REMOVED FOR MAINTENANCE AND/OR REPLACEMENT BUT MUST REMAIN IN PLACE UNTIL UP-SLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED. MAINTENANCE INCLUDES REMOVAL OF SEDIMENT BEGINNING WHEN SEDIMENT ACCUMULATION REACHES 1/2 THE CAPACITY OR HEIGHT OF THE STRUCTURE AND NEVER ALLOWING FOR SEDIMENT TO ACCUMULATE MORE THAN 1/2 THE VOLUME OR HEIGHT OF THE DITCH CHECK STRUCTURE.
4. HAY BALES SHOULD BE USED TO INTERCEPT LOW VOLUME FLOWS IN LOW TO MODERATE GRADIENT DITCHES.
5. SILT FENCE DITCH CHECKS SHOULD BE USED WHERE IT HAS BEEN DETERMINED THAT HAY BALES CHECKS ARE INADEQUATE. SILT FENCE DITCH CHECKS SHOULD BE USED TO INTERCEPT LOW VOLUME FLOWS IN LOW TO MODERATE GRADIENT DITCHES.
6. SANDBAG DITCH CHECKS SHOULD BE USED FOR VELOCITY REDUCTION AND MINIMAL SEDIMENT TRAPPING IN CONCRETE PAVED DITCHES OR IN DITCHES THAT HAVE ROCK BOTTOMS.

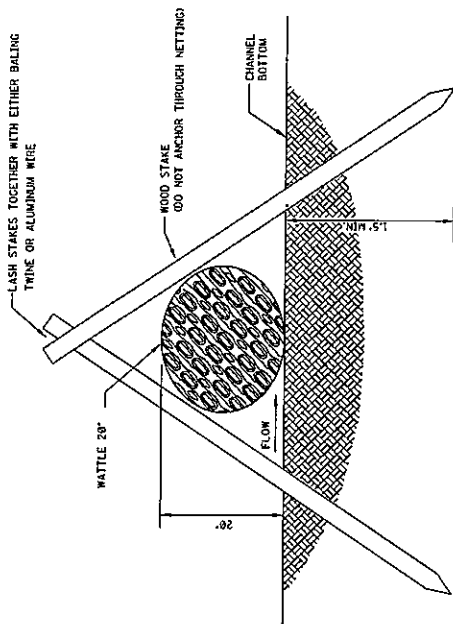
7. WATTLE DITCH CHECKS CAN BE USED FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS.
8. SILT DICES CAN BE USED IN DITCHES WITH CONCENTRATED FLOWS WITHIN THE CLEAR ZONE WHERE RIPRAP CAN NOT BE USED. AS CONSTRUCTION PROGRESSES.
9. ROCK DITCH CHECKS WITH SUMP EXCAVATION CAN BE PLACED IN DITCHES TO ASSURE ON-SITE SEDIMENT TRAPPING REQUIREMENTS ARE MET. DITCH CHECKS WITH SUMP EXCAVATION IS USED WHEN DITCHES RECEIVE DRAINAGE FROM CUT OR FILL SLOPES OR OTHER CRITICAL AREAS WHERE SOIL EROSION IS EXPECTED. DRAINAGE AREA FOR A TEMPORARY SEDIMENT TRAP SHOULD BE LIMITED TO 3 ACRES. THEY CAN BE USED IN SERIES TO INCREASE ON-SITE SEDIMENT TRAPPING EFFICIENCY.
10. DITCH CHECKS, IN NO CASE, SHALL BE PLACED IN LIVE STREAMS.
11. CONFIGURATION AND SPACING MAY BE ADJUSTED IF APPROVED BY THE ENGINEER TO ACCOMMODATE TRAVELWAY SAFETY, WATER FLOW, OR SOIL AND INSTALLATION CHALLENGES.

### DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS

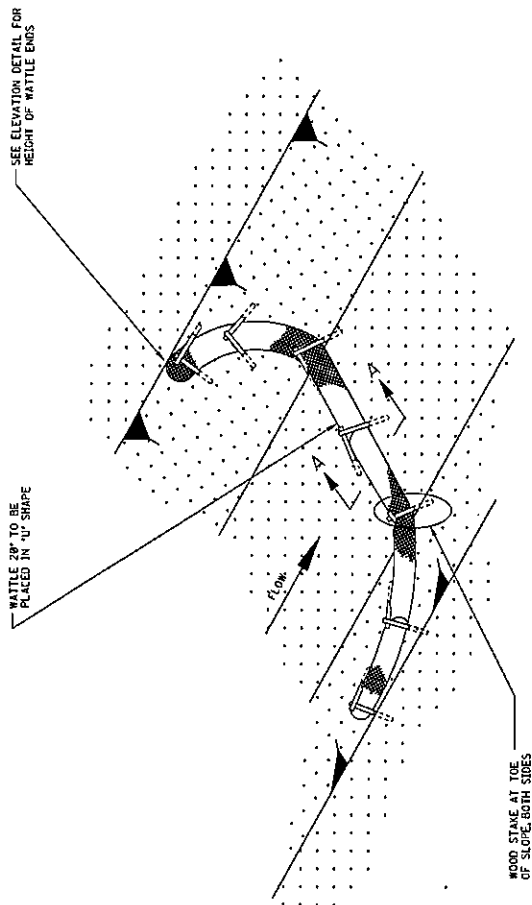
REVISION	DATE	ISSUE DATE	SHEET NO.
1		AUGUST 01, 2017	6104

[illegible]

STATE	PROJECT
MISS.	



SECTION A-A



DETAIL (DITCH CHECK)


NOTE: END POINTS "A" SHALL BE HIGHER THAN FLOWLINE POINT "B".

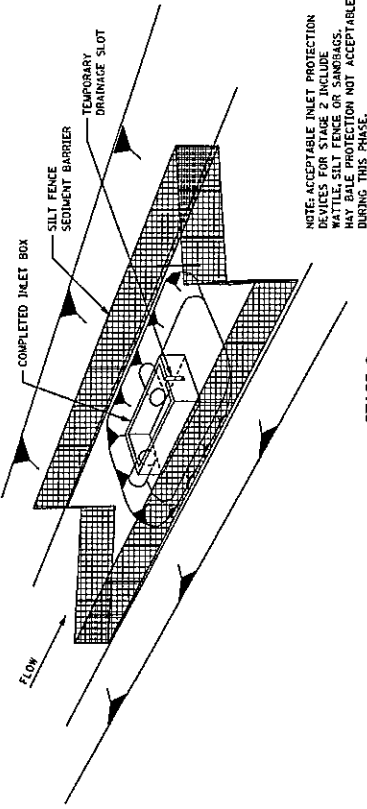


ELEVATION DETAIL

NOTES:

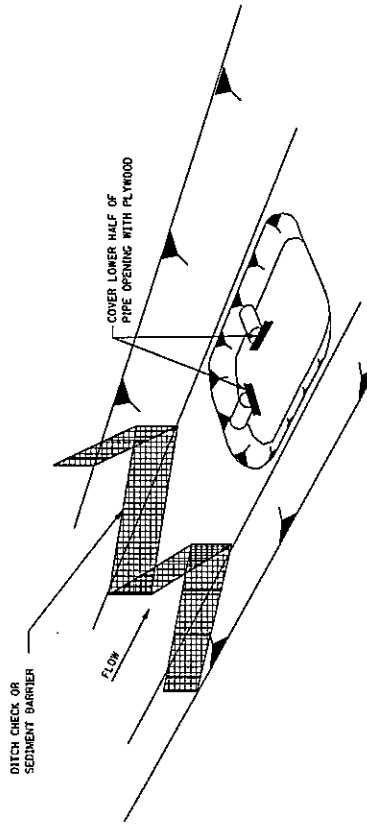
1. WATTLE DITCH CHECKS CAN BE USED FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS.
2. THE PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK SHALL BE 100' UNLESS SHOWN OTHERWISE ON THE PLANS OR EROSION CONTROL PLAN APPROVED BY THE ENGINEER. SEE SPACING GUIDANCE ON WK. NO. ECD-4.
3. ANCHORING WOOD STAKES SHALL BE SIZED, SPACED, DRIVEN AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE CHECK. STAKE SPACING SHALL BE A MAXIMUM OF 10 FEET. ALL NON-DEGRADABLE MATERIALS SHALL BE REMOVED WHEN NO LONGER NEEDED.
4. TREKING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.
5. WATTLES SHOULD NOT BE USED IN HARD BOTTOM CHANNELS.
6. IN THE EVENT WATTLES CANNOT BE SECURED IN PLACE USING WOOD STAKES, SAND BAGS MAY BE USED IN LIEU OF WOOD STAKES IN ORDER TO SECURE THE WATTLES IN PLACE. IF SANDS BAGS ARE USED IN THIS APPLICATION THEY WILL NOT BE A SEPARATE PAY ITEM.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN		 WORKING NO. ECD -	
SHEET NO.		6106	
ISSUE DATE: AUGUST 01, 2017			
DETAILS OF EROSION CONTROL WATTLE DITCH CHECK			
DATE		REVISION	



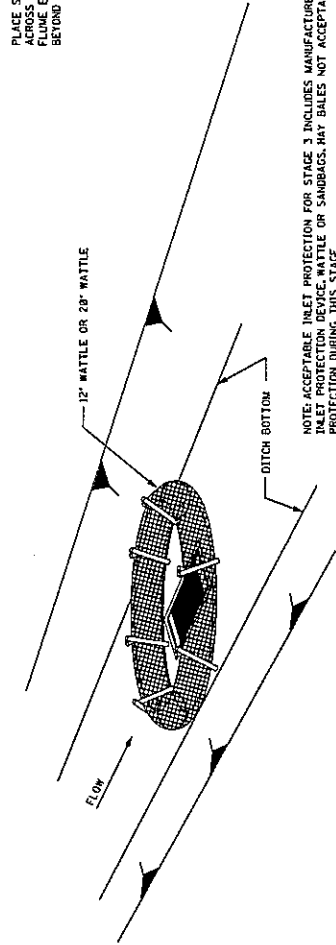
STAGE 2  
INLET/JUNCTION BOX  
CONSTRUCTED BUT NOT BACKFILLED

NOTE: ACCEPTABLE INLET PROTECTION DEVICES FOR STAGES 2 AND 3 INCLUDE: WATTLE, SILT FENCE OR SANDBAGS. MAY BALE PROTECTION NOT ACCEPTABLE DURING THIS PHASE.



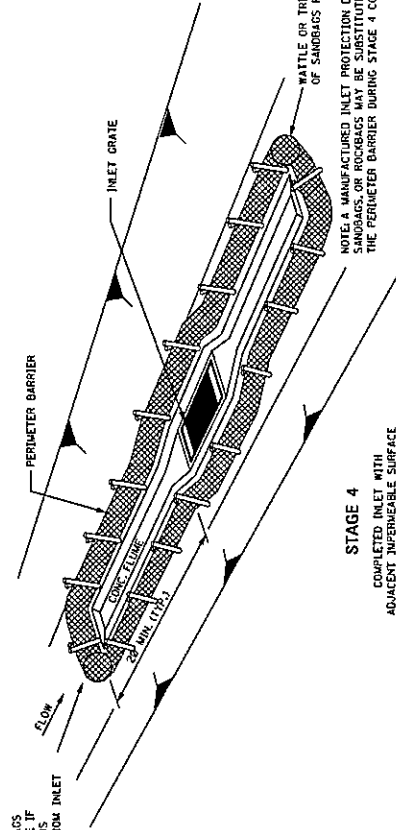
STAGE 1  
INLET/JUNCTION BOX LOCATION EXCAVATED

PLACE SANDBAGS LONG ENOUGH IF FLUME EXTENDS BEYOND 20' FROM INLET



STAGE 3  
INLET CONSTRUCTED AND BACKFILLED

NOTE: ACCEPTABLE INLET PROTECTION FOR STAGE 3 INCLUDES MANUFACTURED INLET PROTECTION DEVICE, WATTLE OR SANDBAGS. MAY BALES NOT ACCEPTABLE PROTECTION DURING THIS STAGE.



STAGE 4  
COMPLETED INLET WITH  
ADJACENT IMPERMEABLE SURFACE

NOTE: A MANUFACTURED INLET PROTECTION DEVICE, SANDBAGS, OR ROCKBAGS MAY BE SUBSTITUTED FOR THE PERIMETER BARRIER DURING STAGE 4 CONSTRUCTION.

### DITCH INLET CONSTRUCTION STAGES

#### NOTES:

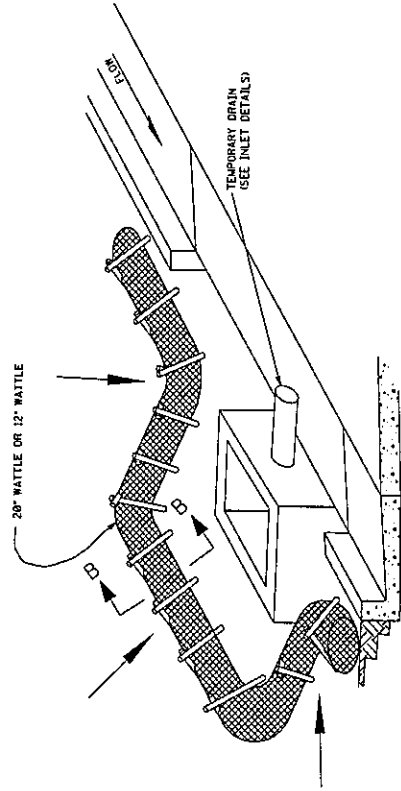
1. DRAINAGE STRUCTURE BACKFILL SHOULD BE PLACED IN STAGE 1 IMMEDIATELY AFTER PIPE INSTALLATION. INLET CONSTRUCTION SHOULD COMMENCE AS SOON AS POSSIBLE AND BE CONTINUOUS THROUGH COMPLETION.
2. CONFIGURATIONS MAY BE ADJUSTED WITH APPROVAL OF THE ENGINEER FOR TRAVELWAY SAFETY, WATER FLOW, OR SOIL AND INSTALLATION CHALLENGES.
3. DURING STAGE 1 AND STAGE 2, SILT FENCE MAY BE REQUIRED UPSLOPE OF THE INLET EXCAVATION AS DIRECTED BY THE ENGINEER.
4. IF SILT FENCE IS INSTALLED AROUND THE INLET INSTALLATION IT SHOULD BE IN A CONFIGURATION THAT WILL ALLOW INLET CONSTRUCTION.
5. FOR INLET PROTECTION TO BE USED IN STAGES 1 AND 2 OF CONSTRUCTION, SEE WK. NO. ECO-12.

DATE	REVISION	BY

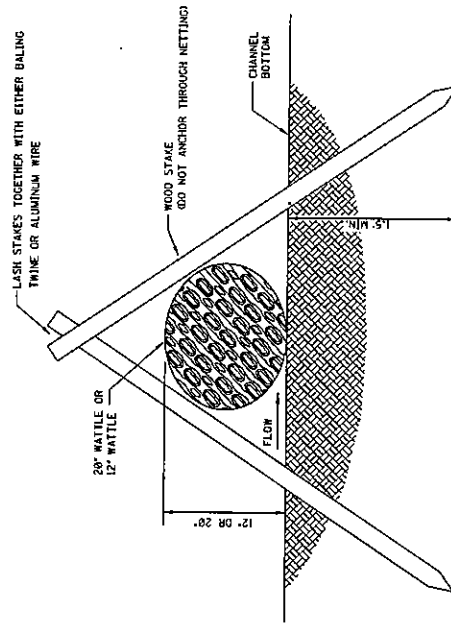
### TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION

STATE	PROJECT
MISS.	

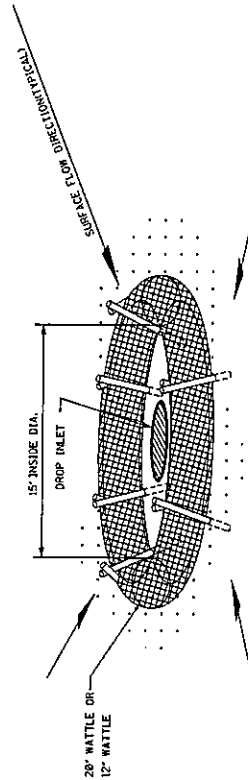
NOTE: SILT FENCE OR SANDBAGS MAY ALSO BE USED FOR THIS APPLICATION.  
MAY BALES NOT ACCEPTABLE DURING THIS STAGE.



**CURB INLET PROTECTION (STAGE 2)**  
**SINGLE OR DOUBLE WING INLET**



**SECTION B-B**



**DROP INLET PROTECTION**

1. SECURING STAKES SHALL BE SIZED, SPACED, AND BE OF A MATERIAL THAT EFFECTIVELY ANCHORS THE WATTLE. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET.
2. OVERLAP ENDS OF WATTLES PER MANUFACTURER'S RECOMMENDATIONS (1" MIN., 3" MAX.)
3. TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.
4. IN THE EVENT WATTLES CANNOT BE SECURED IN PLACE USING WOOD STAKES, SANDBAGS MAY BE USED IN LIEU OF WOOD STAKES IN ORDER TO SECURE WATTLES IN PLACE. COST OF SANDBAGS USED IN THIS APPLICATION SHALL BE INCLUDED IN OTHER ITEMS BID.

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
ROADWAY DESIGN DIVISION  
STANDARD PLAN

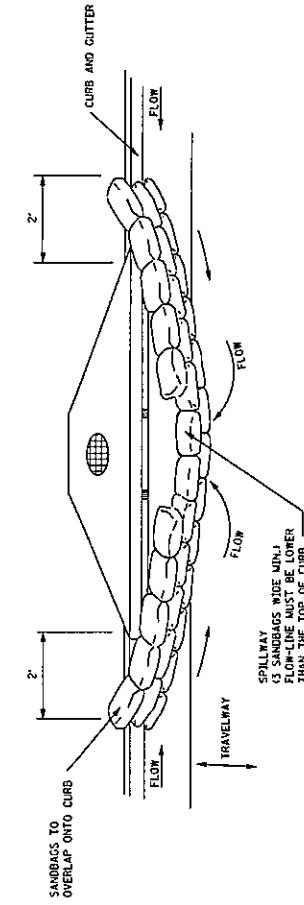
### INLET PROTECTION DETAILS OF WATTLES

<b>WDC</b> WORKING DRAWING	WORKING DRAWING	ECD-1	SHEET NO.	6113
-------------------------------	-----------------	-------	-----------	------

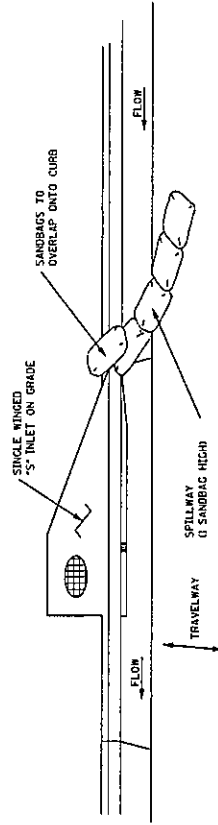
ISSUE DATE: AUGUST 01, 2017



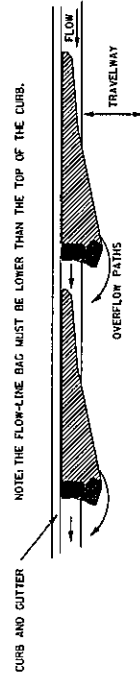
STATE	PROJECT
MISS.	



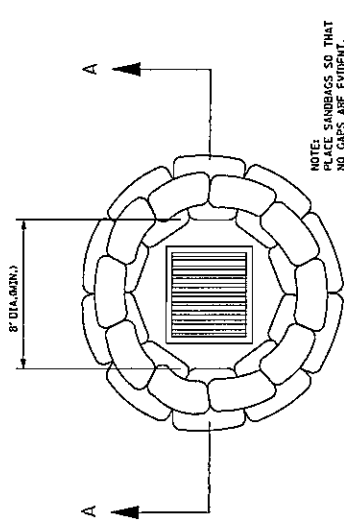
TYPICAL (SANDBAG) PROTECTION FOR INLET IN SAG



TYPICAL (SANDBAG) PROTECTION FOR INLET ON GRADE

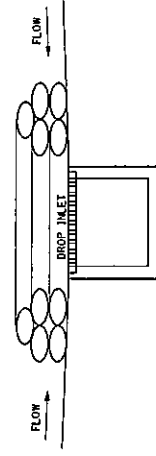


CURB AND GUTTER SEDIMENT CONTAINMENT SYSTEM



NOTE:  
PLACE SANDBAGS SO THAT  
NO GAPS ARE EVIDENT.  
3' BAGS HIGH AND STAGGERED.  
(88 BAGS MIN.)

DROP INLET  
PLAN VIEW



SECTION A-A  
SANDBAG BARRIER

CURB INLET PROTECTION NOTES:

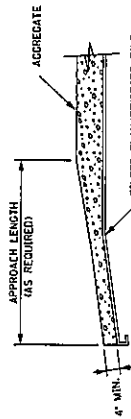
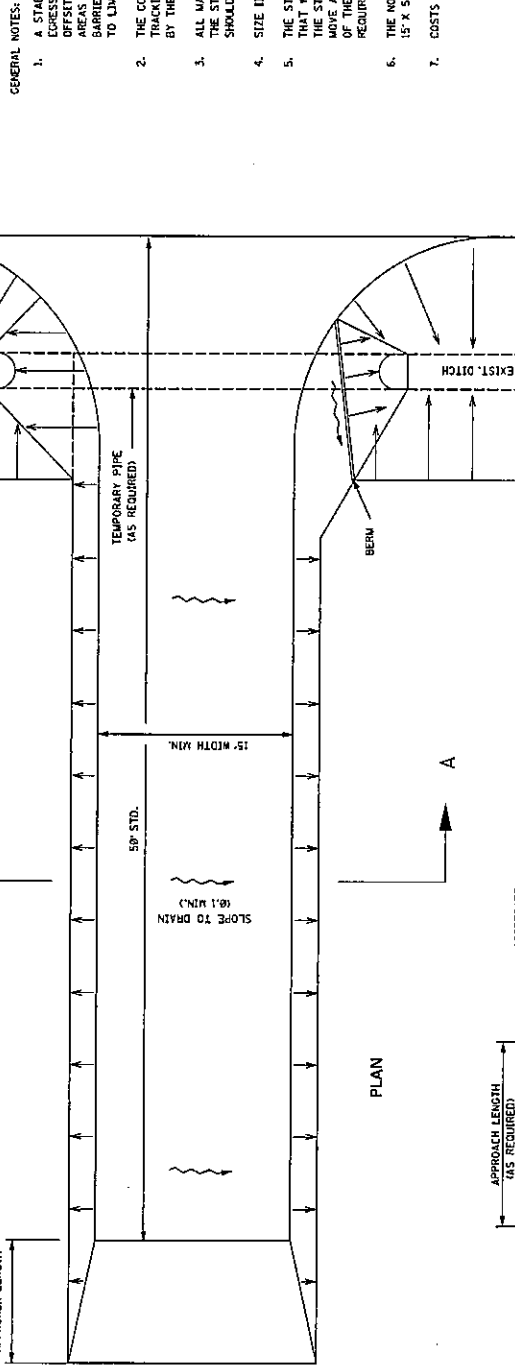
1. THIS CURB INLET PROTECTION METHOD CAN BE USED DURING ANY STAGE OF BASE AND PAVEMENT CONSTRUCTION.
2. BAG HEIGHT AND NUMBER OF BAGS SHOULD BE BASED ON CURB HEIGHT AND USE OF TRAVELWAY.
3. SEDIMENT SHOULD BE CONTROLLED PRIOR TO ENTERING GUTTER. GUTTER CHECKS AND INLET PROTECTION ARE FOR SECONDARY CONTROL.
4. REMOVE ACCUMULATED SEDIMENT AFTER EVERY RAINFALL. SWEEP SEDIMENT FROM HARD SURFACES AND DISPOSE OF APPROPRIATELY AWAY FROM INLETS AND/OR WATER BODIES.
5. IF DENuded AREAS EXIST BEHIND THE INLET, A SEDIMENT BARRIER SHOULD BE INSTALLED AROUND ITS PERIMETER TO CONTROL SEDIMENT.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
ROADWAY DESIGN DIVISION  
STANDARD PLAN

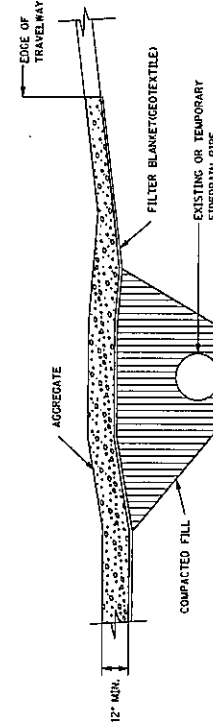
INLET PROTECTION  
DETAILS OF SANDBAGS

MDOT  
DESIGN DIVISION  
ECD-1  
SHEET NO. 6115

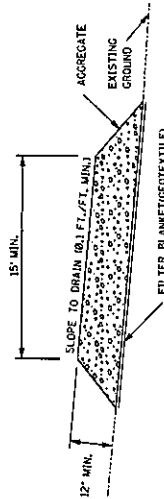
ISSUE DATE: AUGUST 01, 2017



TRANSITION DETAIL



RURAL CONNECTION DETAIL



SECTION A-A

GENERAL NOTES:

1. A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT POINTS OF EGRESS FROM UNSTABILIZED AREAS OF THE PROJECT TO PUBLIC ROADS WHERE OFFSITE TRACKING OF MUD COULD OCCUR. TRAFFIC FROM UNSTABILIZED AREAS OF THE PROJECT SHALL BE DIRECTED THRU THE STABILIZED ENTRANCE. BARRIERS, FLAGGING, OR OTHER POSITIVE MEANS SHALL BE USED AS REQUIRED TO LIMIT AND DIRECT VEHICULAR EGRESS ACROSS THE STABILIZED ENTRANCE.
2. THE CONTRACTOR MAY PROPOSE AN ALTERNATIVE TECHNIQUE TO MINIMIZE OFFSITE TRACKING OF SEDIMENT. THE ALTERNATIVE MUST BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO ITS USE.
3. ALL MATERIALS SPILLED, DROPPED, OR TRACKED ONTO PUBLIC ROADS (INCLUDING THE STABILIZED CONSTRUCTION ENTRANCE AGGREGATE AND CONSTRUCTION MUD) SHOULD BE REMOVED DAILY, OR MORE FREQUENTLY IF SO DIRECTED BY THE ENGINEER.
4. SIZE III STABILIZER AGGREGATE OR LARGER SHALL BE USED.
5. THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL ALLOW IT TO PERFORM ITS FUNCTION TO PREVENT OFFSITE TRACKING. THE STABILIZED CONSTRUCTION ENTRANCE SHOULD BE RINSED WHEN NECESSARY TO MOVE ACCUMULATED MUD DOWNWARD THRU THE STONE. ADDITIONAL STABILIZATION OF THE TRUCK ROUTE LEADING TO THE STABILIZED ENTRANCE MAY BE REQUIRED TO LIMIT THE MUD TRACKED.
6. THE NOMINAL SIZE OF A STANDARD STABILIZED CONSTRUCTION ENTRANCE IS 15' X 50' UNLESS OTHERWISE SHOWN IN THE EROSION CONTROL PLAN.
7. COSTS OF ALL ITEMS ON THIS SHEET SHALL BE INCLUDED IN OTHER ITEMS BID.





**APPENDIX B**  
**INSPECTION REPORT AND CERTIFICATION FORMS**

Keep a Copy Available at the Permitted Facility or Locally Available  
Submit the Inspection Reports Only if Requested by the Mississippi Department of Environmental Quality (MDEQ)

**LARGE CONSTRUCTION GENERAL PERMIT  
SITE INSPECTION AND CERTIFICATION FORM  
COVERAGE NUMBER (MSR10 \_\_\_\_\_)**



**INSTRUCTIONS**

Results of construction storm water inspections required by ACT6 of this permit shall be recorded on this report form and kept with the Storm Water Pollution Prevention Plan (SWPPP) in accordance with the inspection documentation provisions of ACT9 of the this permit. Inspections shall be performed at least weekly for a minimum of four inspections per month. The coverage number must be listed at the top of all Inspection and Certification Forms.

**COVERAGE RECIPIENT INFORMATION**

OWNER/PRIME CONTRATOR NAME: \_\_\_\_\_  
PROJECT NAME: \_\_\_\_\_  
PROJECT STREET ADDRESS: \_\_\_\_\_  
PROJECT CITY: \_\_\_\_\_ PROJECT COUNTY: \_\_\_\_\_  
OWNER/PRIME CONTRACTOR MAILING ADDRESS: \_\_\_\_\_  
MAILING CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_  
CONTACT PERSON: \_\_\_\_\_ CONTACT PHONE NUMBER: (\_\_\_\_) \_\_\_\_\_  
EMAIL ADDRESS: \_\_\_\_\_

**INSPECTION DOCUMENTATION**

DATE (mo/day/yr)	TIME (hr:min AM/PM)	ANY DEFICIENCIES? (CHECK IF YES)	INSPECTOR(S)
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	

Deficiencies Noted During any Inspection (give date(s); attach additional sheets if necessary): \_\_\_\_\_

Corrective Action Taken or Planned (give date(s); attach additional sheets if necessary): \_\_\_\_\_

Based upon this inspection, which I or personnel under my direct supervision conducted, I certify that all erosion and sediment controls have been implemented and maintained, except for those deficiencies noted above, in accordance with the Storm Water Pollution Prevention Plan (SWPPP) and sound engineering practices as required by the above referenced permit. I further certify that the LCN01 and SWPPP information is up to date.

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 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.

Authorized Signature

Date

Printed Name

Title

# PRIME CONTRACTOR CERTIFICATION

## LARGE CONSTRUCTION GENERAL PERMIT

Coverage No. MSR10 \_\_\_\_\_ County \_\_\_\_\_  
(Fill in your Certificate of Coverage Number and County)



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

PRIME CONTRACTOR CONTACT PERSON: \_\_\_\_\_ PHONE NUMBER: (\_\_\_\_) \_\_\_\_\_

PRIME CONTRACTOR COMPANY: \_\_\_\_\_

PRIME CONTRACTOR STREET (P.O. BOX): \_\_\_\_\_

PRIME CONTRACTOR CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

E-MAIL ADDRESS: \_\_\_\_\_

### OWNER INFORMATION

OWNER CONTACT PERSON: \_\_\_\_\_ PHONE NUMBER: (\_\_\_\_) \_\_\_\_\_

OWNER COMPANY NAME: \_\_\_\_\_

### PROJECT INFORMATION

PROJECT NAME: \_\_\_\_\_

DESCRIPTION OF CONSTRUCTION ACTIVITY: \_\_\_\_\_

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: \_\_\_\_\_

CITY: \_\_\_\_\_ COUNTY: \_\_\_\_\_

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.

Prime Contractor Signature<sup>1</sup> \_\_\_\_\_

Date Signed \_\_\_\_\_

Printed Name<sup>1</sup> \_\_\_\_\_

Title \_\_\_\_\_

<sup>1</sup>This 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

# Request for Termination (RFT) of Coverage



**LARGE CONSTRUCTION GENERAL PERMIT**  
**Coverage No. MSR10 \_\_\_\_\_ County \_\_\_\_\_**  
(Fill in your Certificate of Coverage Number and County)

This form must be submitted within thirty (30) days of achieving final stabilization (see ACT10, S-1 of general permit). Failure to submit this form is a violation of permit conditions.

Color photographs, representative of the stabilized construction site, must be submitted with this form.

The signatory of this form must be the owner or operator (prime contractor) who is the current coverage recipient (rather than the project manager or environmental consultant).

(Please Print or Type)

Project Name \_\_\_\_\_

Physical Site Street Address (if not available, indicate nearest named road): \_\_\_\_\_

City: \_\_\_\_\_ County: \_\_\_\_\_ Zip: \_\_\_\_\_

Latitude: \_\_\_\_\_ degrees \_\_\_\_\_ minutes \_\_\_\_\_ seconds Longitude: \_\_\_\_\_ degrees \_\_\_\_\_ minutes \_\_\_\_\_ seconds

Lat & Long Data source (GPS or Map Interpolation): \_\_\_\_\_

Coverage Recipient Company Name: \_\_\_\_\_

Street Address / P.O. Box: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Coverage Recipient Contact Name and Position: \_\_\_\_\_ Tel. #: (\_\_\_\_) \_\_\_\_\_

EMAIL: \_\_\_\_\_

Has another owner(s) or operator(s) assumed control over all areas of the site that have not reached final stabilization?

## RESIDENTIAL SUBDIVISIONS:

- ☐ YES. A copy of the Registration Form for Residential Lot Coverage for each lot or out parcel that has been sold and a site map, indicating which lots have been sold, are attached.
- ☐ NO. Coverage may not be terminated until all areas have reached final stabilization.

## COMMERCIAL DEVELOPMENT:

- ☐ YES. A copy of the site map, indicating which out-parcels have been sold, is attached.
- ☐ NO. Coverage may not be terminated until all areas have reached final stabilization.

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 fines and imprisonment for knowing violations. I understand that by submitting this Request for Termination and receiving written confirmation, I will no longer be authorized to discharge storm water associated with construction activity under this general permit. Discharging pollutants associated with construction activity to waters of the State without proper permit coverage is a violation of state law. I also understand that the submittal of this Request for Termination does not release an owner or operator from liability for any violations of this permit or the Clean Water Act.

Authorized Name (Print) \_\_\_\_\_ Telephone \_\_\_\_\_ Signature \_\_\_\_\_ Date Signed \_\_\_\_\_

<sup>1</sup>This application shall be signed according to the General Permit, ACT11, T-7 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.

After signing please mail 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/>





# Employee Training Log

**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. [Large Construction General Permit ACT9 R-1]

[illegible]



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)**

MSR10 \_\_\_\_\_

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: ☒ OWNER ☐ PRIME CONTRACTOR

**OWNER CONTACT INFORMATION**

OWNER CONTACT PERSON: Dr. Joseph Paul  
OWNER COMPANY LEGAL NAME: The University of Southern Mississippi  
OWNER STREET OR P.O. BOX: 118 College Dr. #5001  
OWNER CITY: Hattiesburg STATE: MS ZIP: 39403-1898  
OWNER PHONE #: (601) 266-5001 OWNER EMAIL: president@usm.edu

**PREPARER CONTACT INFORMATION**

IF NOI WAS PREPARED BY SOMEONE OTHER THAN THE APPLICANT

CONTACT PERSON: Geoffrey Crosby, P.E.  
COMPANY LEGAL NAME: Neel-Schaffer, Inc.  
STREET OR P.O. BOX: 704 Hardy Street  
CITY: Hattiesburg STATE: MS ZIP: 39401  
PHONE # ( ) (601) 545-1565 EMAIL: geoffrey.crosby@neel-schaffer.com

**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: The University of Southern Mississippi  
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: Classic Drive  
CITY: Hattiesburg STATE: MS COUNTY: Forrest ZIP: 3401  
FACILITY SITE TRIBAL LAND ID (N/A If not applicable): NA  
LATITUDE: 31 degrees 21 minutes 18 seconds LONGITUDE: 89 degrees 21 minutes 40 seconds  
LAT & LONG DATA SOURCE (GPS (Please GPS Project Entrance/Start Point) or Map Interpolation): Map Interpolation  
TOTAL ACREAGE THAT WILL BE DISTURBED <sup>1</sup>: 17.3

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:

2024-03-01  
YYYY-MM-DD

ESTIMATED CONSTRUCTION PROJECT END DATE:

2024-09-30  
YYYY-MM-DD

DESCRIPTION OF CONSTRUCTION ACTIVITY: Clearing, Grading, Crushed Stone Base & Geotextile Fabric Installation, Grassing

PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED:

Access Road and Clearing for future Development Access

SIC Code: 1 6 1 1 NAICS Code 2 3 7 3 1 0

NEAREST NAMED RECEIVING STREAM: Boule River

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](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 1/2 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):

Prentiss Loam and Susquehanna 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?

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.

<sup>1</sup> Acreage for subdivision development includes areas disturbed by construction of roads, utilities and drainage. Additionally, a housesite of at least 10,000 ft<sup>2</sup> 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: Nationwide Verification

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:

City of Hattiesburg (MS4)

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 Applicant<sup>1</sup> (owner or prime contractor)

12-6-23

Date Signed

Dr. Joseph Paul

Printed Name<sup>1</sup>

President

Title

<sup>1</sup>This 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