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AUG 12 2021

MSR10 8515  
(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE:  OWNER  PRIME CONTRACTOR

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Patrick A. Chubb  
OWNER COMPANY LEGAL NAME: Mississippi Power  
OWNER STREET OR P.O. BOX: 2992 W. Beach Blvd.  
OWNER CITY: Gulfport STATE: MS ZIP: 39501  
OWNER PHONE #: (228) 861.6165 OWNER EMAIL: pachubb@southernco.com

PRIME CONTRACTOR CONTACT INFORMATION

PRIME CONTRACTOR CONTACT PERSON: Chalmers "Champ" Adcock  
PRIME CONTRACTOR COMPANY LEGAL NAME: Southern Company Services - Technical & Project Solutions  
PRIME CONTRACTOR STREET OR P.O. BOX: 5953 Highway 493 - POB 369  
PRIME CONTRACTOR CITY: DeKalb STATE: MS ZIP: 39328  
PRIME CONTRACTOR PHONE #: (601) 743-1105 PRIME CONTRACTOR EMAIL: CADCOCK@southernco.com

FACILITY SITE INFORMATION

FACILITY SITE NAME: Mississippi Power Company - Plant Ratcliffe  
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: 5953 Highway 493  
CITY: DeKalb STATE: Mississippi COUNTY: Kemper ZIP: 39328  
FACILITY SITE TRIBAL LAND ID (N/A if not applicable): n/a  
LATITUDE: 32 degrees 38 minutes 54 seconds LONGITUDE: 88 degrees 45 minutes 28 seconds  
LAT & LONG DATA SOURCE (GPS (Please GPS Project Entrance/Start Point) or Map Interpolation): Google Earth  
TOTAL ACREAGE THAT WILL BE DISTURBED !: ~53  
IS THIS PART OF A LARGER COMMON PLAN OF DEVELOPMENT? YES  NO   
IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT: Plant Ratcliffe SWPPP  
AND PERMIT COVERAGE NUMBER: MSR102 1 1 7  
ESTIMATED CONSTRUCTION PROJECT START DATE: 2021-09-01  
YYYY-MM-DD  
ESTIMATED CONSTRUCTION PROJECT END DATE: 2022-02-31  
YYYY-MM-DD  
DESCRIPTION OF CONSTRUCTION ACTIVITY: Remove limestone, improve soil conditions, restore to pine plantation  
PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED:  
Industrial wastewater pond  
SIC Code N A NAICS Code N A

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NEAREST NAMED RECEIVING STREAM: Chickasawhay Creek (but will no discharge anticipated due to internal ponds)

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

ARE THERE RECREATIONAL STREAMS, PRIVATE/PUBLIC PONDS OR LAKES WITHIN 1/2 MILE DOWNSTREAM OF PROJECT BOUNDRY THAT MAY BE IMPACTED BY THE CONSTRUCTION ACTIVITY? YES  NO

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

Current site has historically been utilized as a lined ash pond.

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? YES  NO

<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: \_\_\_\_\_

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

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

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

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

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

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

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

not applicable

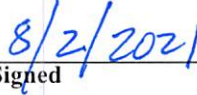
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I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. 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)



Date Signed

P.A. "Tony" Smith

Printed Name<sup>1</sup>

Environmental Affairs Manager

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

## **Project Narrative:**

The proposed project involves the restoration of the approximate 53-acre south laydown yard at Plant Ratcliffe, Kemper County, Mississippi. The restoration will involve the gross removal of the crushed limestone that currently covers the former industrial site. The limestone will be stockpiled for future use on the overall industrial site.

Once the majority of the limestone has been removed from the 53-acre site, the compacted soils will be tilled and augmented with additional clean DOT approved sand & sandy clay loam soils. This process will be a separate project phase coordinated by company foresters. Contract tree planters will be used to conduct final site prep and planting of loblolly pine across the site. A few select longleaf pine will be planted around the perimeter of the pine stand as demonstration specimens.

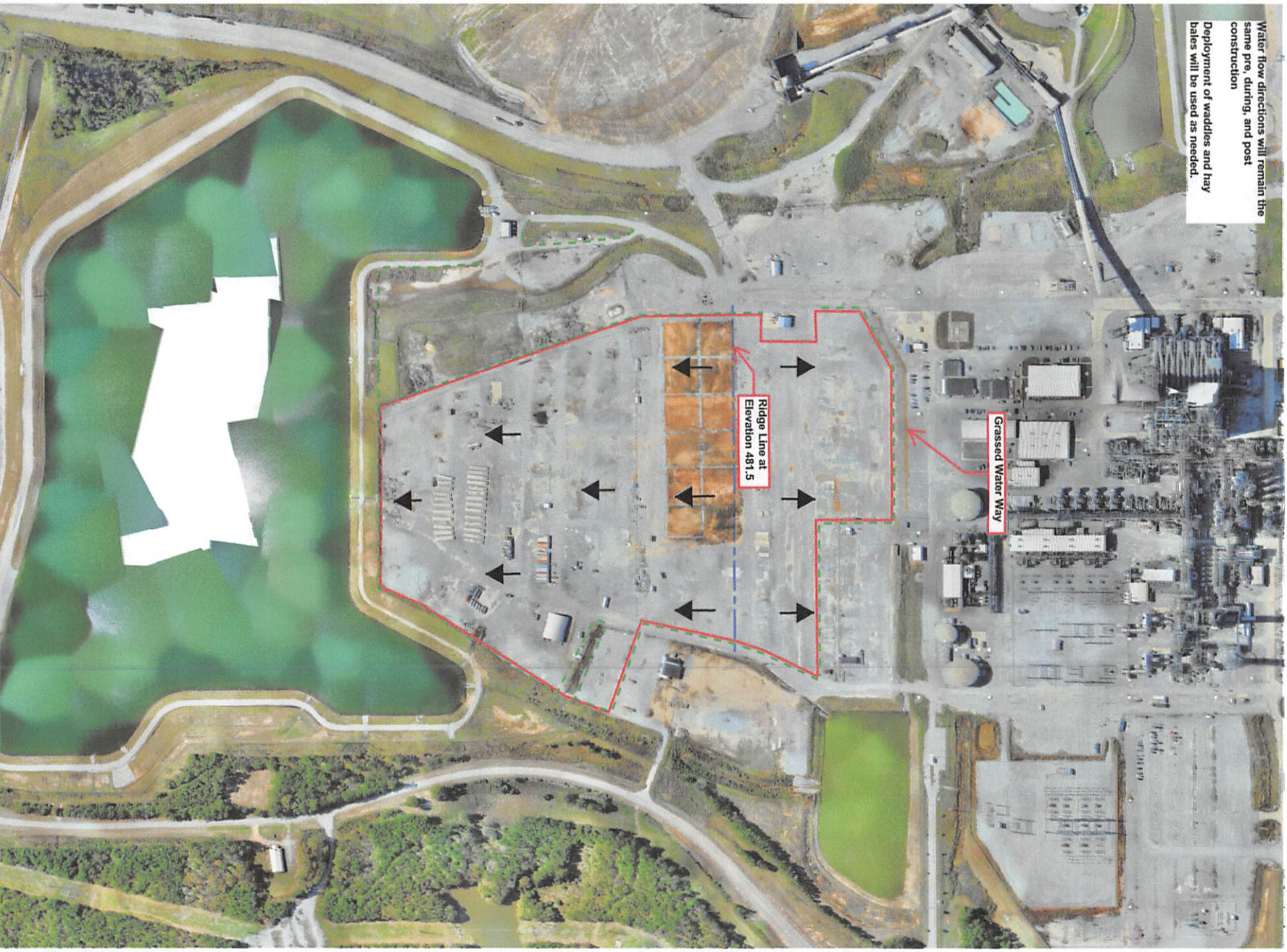
Contours and drainage patterns will remain the same throughout the project and will utilize existing grassy swales that have been established over the last 10 years. The swales direct stormwater to Stormwater Pond C (NE of the 53-acre site) or to the reservoir. Stormwater Pond C also ultimately flows to the reservoir. The reservoir is managed as a zero discharge structure and serves as the water source for the electric generation facility.



Single Row Silt Fence - - - - -

Water Flow Direction →

Water flow directions will remain the same pre, during, and post construction  
Deployment of wattles and hay bales will be used as needed.



Work Area Boundary ———

Ridge Line - - - - -





Figure 1: Aerial Site Map

Plant David M. Ratcliffe  
Mississippi Power  
5935 Highway 493  
Kemper County  
DeKalb, Mississippi 39328





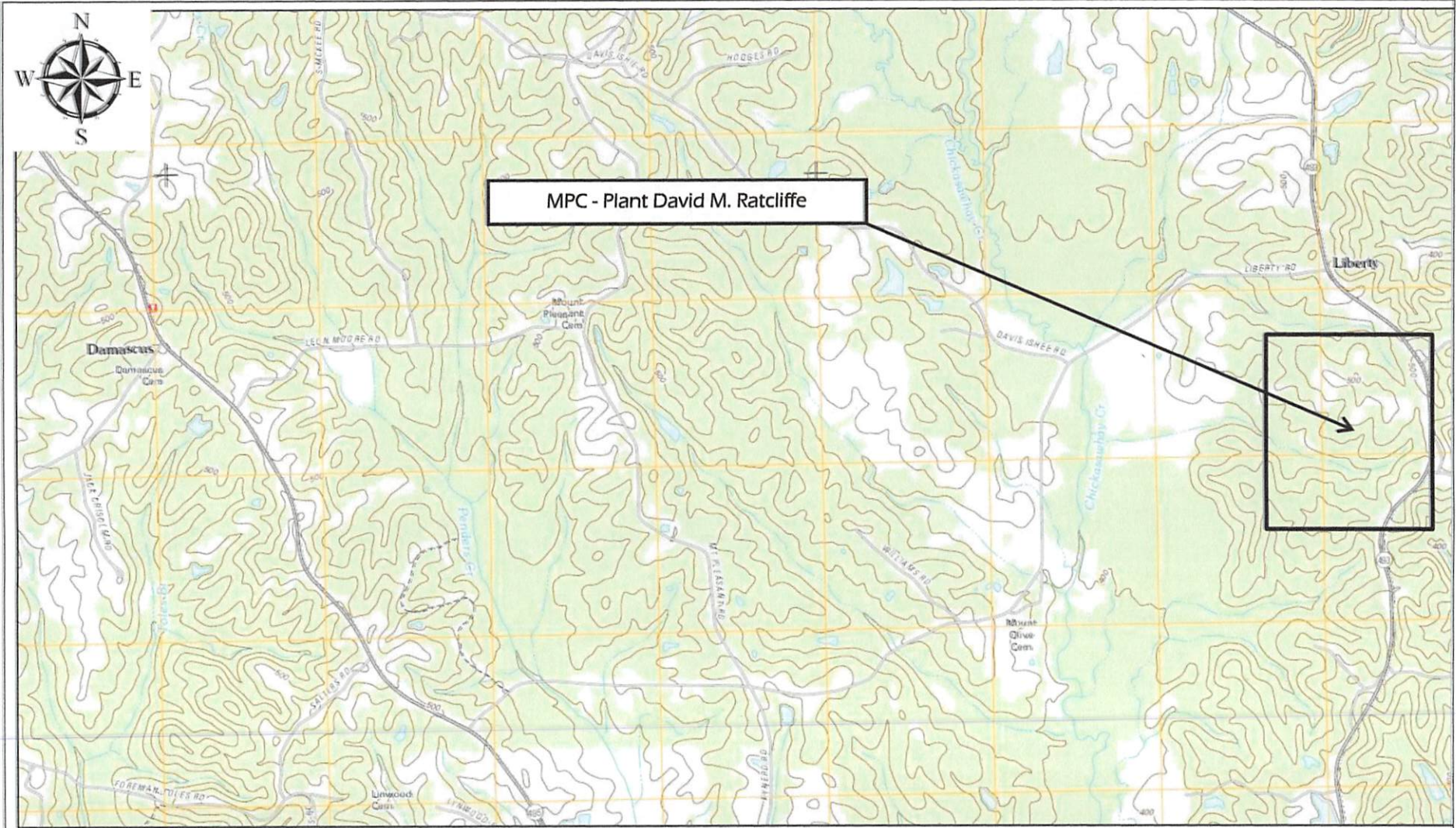


Figure 2: USGS Quadrangle Map

Plant David M. Ratcliffe  
 Mississippi Power  
 5935 Highway 493  
 Kemper County  
 DeKalb, Mississippi 39328





Certified Mail No: 7020 1290 0000 8478 6877

August 2, 2021

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

RECEIVED  
AUG 12 2021  
MDEQ

**RE: Plant Ratcliffe – South Laydown Yard Restoration Project  
Mississippi Power  
Large Construction Storm Water Notice of Intent**

Dear Chief:

Please find the enclosed Large Construction Storm Water Notice of Intent (LCNOI) and Construction Storm Water Pollution Prevention Plan (SWPPP) for the proposed project in Kemper County, MS. The project involves the removal of crushed limestone (8" average depth) across the approximate 53-acre site shown in attached exhibit. Once the limestone is removed, the soil will be improved through mechanical means, topsoil added, seeded with cover crop and ultimately restored to pine forest habitat.

Project details are included within the LCNOI and supported by the existing Plant Ratcliffe SWPPP (recently renewed) to cover all proposed construction activities. The project is integrated into the overall Baseline SWPPP for Plant Ratcliffe. There is no direct release potential meaning any release would go through several other stormwater controls before any potential discharge could occur.

If you have any questions or need additional information regarding this request, please contact Patrick Chubb at (228) 897-6438, [pachubb@southernco.com](mailto:pachubb@southernco.com).

Sincerely,



P.A. "Tony" Smith  
Environmental Affairs Manager



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

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