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Brian D. Ratliff
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June 2, 2020

Mrs. Florance Bass
Construction and Building Materials
Environmental Permits Division
Office of Pollution Control
Mississippi Department of Environmental Quality
P. O. Box 2261
Jackson, Mississippi 39225

Dear Mrs. Bass:

Re: LCNOI Submittal Under MSR10

This LCNOI application is for the MDOT Project No. STP-0026-01(080) FMS 101649/302000 on SR 19 for the new construction of 2 lanes parallel creating a 4-lane divided highway in Neshoba County, Mississippi. All necessary information is enclosed in this application.

Under ACT5, T-5 (A) of the new General Permit it is required that a buffer zone shall be maintained between land disturbing activities and perennial water bodies. A minimum of 150-foot buffer zone is recommended. Your office defines a buffer zone under ACT12, T-2 as a strip of dense undisturbed perennial vegetation, either original or reestablished, that borders perennial streams and rivers, ponds and lakes and wetlands. ACT12, T-15 defines infeasible as being not technologically possible, or not economically practicable and achievable. This BMP of a minimum 150-foot buffer zone recommended for perennial water bodies in the Large Construction General Permit is not feasible for MDOT projects. Due to the nature of these linear construction projects which require bridges, box bridges, box culverts and pipe culverts, it would not be practical or cost-effective to adhere to this requirement.

If a 150 foot buffer area is not feasible then ACT5 T-3(6) requires a 50-foot undisturbed natural buffer around waters of the United States; or provide and maintain an undisturbed natural buffer that is less than 50 feet and supplemented by additional erosion and sediment controls which in combination achieves the sediment load reduction equivalent to a 50-foot undisturbed natural buffer. There is no bridging for this project. Bridging was handled on a previous MDOT project FMS 106114/301000.

This project involves the construction of 2 new lanes parallel to the existing to make a 4-lane divided highway. The project begins at the Tucker Community and follows existing SR 19 to Philadelphia where it terminates. The project will be approximately 4.5 miles consisting of grading, drainage and paving. Reinforced pipe and box culverts will be installed throughout for cross drainage. The ECP sheets and Riparian Buffer zones are included. No waters impacted on this project are listed as impaired on the current 303(d) list.

Various erosion control measures that will be used are solid sodding, ditch liner, concrete paved ditch, soil reinforcing mat, grassing, vegetative mulch, temporary grassing, temporary silt fence, inlet siltation guard, reset inlet siltation guard, temporary erosion checks, silt basin Type "D", 20" wattles, temporary slope drains, silt dike, sandbags, coir fiber baffle, and riprap for erosion control. The site specific SWPPP that will be submitted by the contractor for approval will have all of this information. We believe these BMPs will suffice for adequate control of soil erosion leaving the worksite. Also enclosed is the Corps concurrence for the wetland/waters impacts and GP 46 coverage.

If you have questions please feel free to give me a call at (601)359-7250. This project is scheduled to be advertised in August, 2020 and let in September, 2020.

Sincerely,



John C. Taylor, PE, BCEE, RPG
MDOT, Roadway Design Division

Copy To:

Mr. Neil Patterson, District 5 Engineer (25-01) Via Email
Mr. Randy Wedgeworth, District 5 Construction Engineer (25-01) Via Email
Mr. Earl Glenn, Construction Division Engineer (73-01) Via Email
Mrs. Kim Thurman, Environmental Division (87-01) Via Email
Projectwise

MSR10 _ _ _ _

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: ☒ OWNER ☐ PRIME CONTRACTOR

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: John C. Taylor
OWNER COMPANY LEGAL NAME: Mississippi Dept. Of Transportation
OWNER STREET OR P.O. BOX: P.O.Box. 1850
OWNER CITY: Jackson STATE: Ms ZIP: 39215
OWNER PHONE #: (601) 359-7250 OWNER EMAIL: JTaylor@mdot.ms.gov

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: MDOT Neshoba 101649/302000
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: SR 19
CITY: Philadelphia STATE: MS COUNTY: Neshoba ZIP: 39350
FACILITY SITE TRIBAL LAND ID (N/A If not applicable): N/A
LATITUDE: 32 degrees 43 minutes ^{51.06} seconds LONGITUDE: 89 degrees 04 minutes ^{42.05} seconds
LAT & LONG DATA SOURCE (GPS (Please GPS Project Entrance/Start Point) or Map Interpolation): Carthage
TOTAL ACREAGE THAT WILL BE DISTURBED ¹: 123 AC
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: 2020-10-15
YYYY-MM-DD
ESTIMATED CONSTRUCTION PROJECT END DATE: 2024-10-15
YYYY-MM-DD
DESCRIPTION OF CONSTRUCTION ACTIVITY: Construct New Lanes (Grade, Drain, and Pave)
PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED:
Highway Use
SIC Code 1 6 1 1 NAICS Code 2 3 7 3 1 0

NEAREST NAMED RECEIVING STREAM: Unnamed tributaries evenly distributed

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

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

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

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

GM, GC, SW, SP, SM, SC, ML, CLOL, MH, Pt

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

IF YES, INDICATE THE TYPE OF FLOCCULANT.

☐ ANIONIC POLYACRYLAMIDE (PAM)

☐ OTHER _____

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

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 YES ☒ NO ☐
OF ANY KIND? (If yes, contact the U.S. Army Corps of Engineers' Regulatory Branch for permitting requirements.)

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

Corps Intent for GP46 Approval Included.

- 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:

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)

05/27/2020

Date Signed

Scot Ehrgott

Printed Name¹

Assistant Chief Engineer - Preconstruction

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