



STATE OF MISSISSIPPI
TATE REEVES
GOVERNOR
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
CHRIS WELLS, EXECUTIVE DIRECTOR

December 4, 2020

Mr. Chase Glisson
Jackson County Board of Supervisors
P.O. Box 998
Pascagoula, Mississippi 39568-0988

Dear Mr. Chase Glisson:

Re: Maintenance Dredging of Davis
Bayou
Jackson County
COE No. SAM200702055MJF
WQC No. WQC2020010

Pursuant to Section 401 of the Federal Water Pollution Control Act (33 U. S. C. 1251, 1341), the Office of Pollution Control (OPC) issues this Certification, after public notice and opportunity for public hearing, The Jackson County Board of Supervisors, an applicant for a Federal License or permit to conduct the following activity:

Jackson County Board of Supervisors, Maintenance Dredging of Davis Bayou: The applicant proposes to perform maintenance dredging of approximately 123,000 total linear feet to remove approximately 23,664 cubic yards of sediment from Upper Davis Primary and Secondary Bayous, ten side bayous, a portion of Heron Bayou and a portion of Vaughn Bayou. The applicant stated that the project purpose is "to allow for safe boating and provide continued access within the channels for residences located along the channels as well as for safe access for boaters and fishermen". Dredging would be performed via mechanical equipment and barged to an approved disposal site. [SAM200702055MJF, WQC2020010].

The Office of Pollution Control certifies that the above-described activity will be in compliance with the applicable provisions of Sections 301, 302, 303, 306, and 307 of the Federal Water Pollution Control Act and Section 49-17-29 of the Mississippi Code of 1972, if the applicant complies with the following conditions:

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1. The channel depth shall gradually increase toward open water and shall not exceed the controlling navigational depth. No "sumps" shall be created by proposed dredging.
2. Best management practices shall be used at all times during construction to minimize turbidity at both the dredge and spoil disposal sites. The disposal sites shall be constructed and maintained in a manner that minimizes the discharge or turbid waters into waters of the State. Best management practices may include, but not limited to, the use of staked hay bales, staked filter cloth; sodding, seeding and mulching; staged construction; and the installation of turbidity screens around the immediate project site. Any effluent from the disposal area should be routed through a return swale system and filtered through a series of hay bales and silt fences so as to reduce the turbidity of the effluent.
3. The excavated material shall be disposed in an approved beneficial use site or contained upland disposal site and stabilized to prevent movement of sediment into adjacent drainage areas.
4. Turbidity outside the limits of a 750-foot mixing zone shall not exceed the ambient turbidity by more than 50 Nephelometric Turbidity Units.
5. No sewage, oil, refuse, or other pollutants shall be discharged into the watercourse.

The Office of Pollution Control also certifies that there are no limitations under Section 302 nor standards under Sections 306 and 307 of the Federal Water Pollution Control Act which are applicable to the applicant's above-described activity.

This certification is valid for the project as proposed. Any deviations without proper modifications and/or approvals may result in a violation of the 401 Water Quality Certification. If you have any questions, please contact Mr. Daniel Anderson.

Sincerely,



Krystal Rudolph, P.E., BCEE
Chief, Environmental Permits Division

KR: doa

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cc: Maryellen Farmer, U.S. Army Corps of Engineers, Mobile District
Matthew Murphy, Department of Marine Resources
Paul Necaie, U.S. Fish and Wildlife Service
Willa Brantley, Environmental Protection Agency
Janet Riddell, Office of Budget & Fund Management
Lisa Morrison, Compton Engineering