



**STATE OF MISSISSIPPI
TATE REEVES
GOVERNOR
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

March 11, 2022

Mr. Randy Bosarge, President
Jackson County Board of Supervisors
Post Office Box 998
Pascagoula, Mississippi 39568

Dear Mr. Bosarge:

Re: Jackson County Board of Supervisors
Old Fort Bayou Dredging – El Bonito Drive
Jackson County
COE No. SAM202100296PAH
WQC No. WQC2021010

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, to the Jackson County Board of Supervisors, an applicant for a Federal License or permit to conduct the following activity:

Jackson County Board of Supervisors, Old Fort Bayou Dredging: Proposed dredging of 8,505 cubic yards of mucky sand from 2,415 linear feet of Old Fort Bayou. The current depths range from approximately -3 feet MLW to -6 feet MLW. Dredging would only occur in areas shallower than -6 foot MLW. Dredging would only occur in areas shallower than -6 foot MLW. Dredge spoils will be placed in an approved beneficial use site, the Harrison County Development Commission's disposal site, or another approved upland site. Additional maintenance would be conducted over the course of 10 years. The project is located near El Bonito Drive, Ocean Springs, Jackson County, Mississippi [SAM202100296PAH, WQC2021010].

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:

1. The channel depth shall gradually increase toward open water and shall not exceed the controlling navigational depth. No "sumps" shall be created by the 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 Florance Bass.

Sincerely,



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

KR: chb

cc: Philip Hegji, U.S. Army Corps of Engineers, Mobile District
Department of Marine Resources
U.S. Fish and Wildlife Service
Environmental Protection Agency
Sarah McLellan, Seymore Engineering