STATE OF MISSISSIPPI

PHIL BRYANT

GOVERNOR

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

GARY C. RIKARD, EXECUTIVE DIRECTOR

April 19, 2019

Certified Mail No. 7017 0530 0000 5971 6841
Mr. Randy Bosarge
President
Jackson County Board of Supervisors
Pascagoula, Mississippi 39576

Dear Mr. Bosarge:

Re: Jackson County Board of Supervisors, Belle Fountaine Jetty and Buckhead Maintenance
Jackson County
COE No. SAM201800741MJF
WQC No. WQC2018044

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

> Jackson County Board of Supervisors, Belle Fountaine Jetty and Buckhead Maintenance: The applicant is proposing maintenance to an existing bulkhead and jetty. The purpose of this project is to prevent erosion of the beach into the navigation channel. In order to minimize environmental impacts, the applicant's agent has proposed the use of best management practices. The existing bulkhead and jetty is 260 linear feet. The maintenance involves replacing 30-feet of missing wooded jetty timbers and placing riprap along both sides of the jetty and on the west side of the bulkhead. The elevation of the riprap will be +5.1 at a 1:1 slope from the top to the channel bottom. In a soils report prepared by Terracon, the riprap is expected to settle to 6 inches. In order to place the riprap, dredging will occur on the west side of the jetty to allow a barge carrying the riprap boulders access. Approximately 1,900 linear feet of existing channel will be dredged to a depth of -5 MLLW, which is 7,511 cubic yards. [SAM201800741MJF, WQC2018044].

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:

OFFICE OF POLLUTION CONTROL
POST OFFICE BOX 2261 • JACKSON, MISSISSIPPI 39225-2261• TEL: (601) 961-5171 • FAX: (601) 354-6612 • www.deq.state.ms.us
AN EQUAL OPPORTUNITY EMPLOYER

1. Best management practices should be used at all times during construction to minimize turbidity at both the dredge and spoil disposal sites. Best management practices shall include, but not limited to, the installation of turbidity screens around the immediate project site as needed.

2. 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.

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. Pilings and/or bulkhead material shall be steel, concrete, plastic, vinyl, or timber treated to meet appropriate marine conditions. No creosote materials shall be used.

5. Fill material shall be clean and non-polluting, free of trash, debris, asphalt, etc.

6. Turbidity outside the limits of a 750-foot mixing zone shall not exceed the ambient turbidity by more than 50 Nephelometric Turbidity Units.

7. 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 we can be of further assistance, please contact us.

Sincerely,

FOR

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

KR: bgw

cc: Maryellen Farmer, U.S. Army Corps of Engineers, Mobile District
Ms. Willa Brantley, Department of Marine Resources
Mr. David Felder, U.S. Fish and Wildlife Service
Mrs. Molly Martin, Environmental Protection Agency
Mr. Reed Bryant, Seymour Engineering, PLLC