



STATE OF MISSISSIPPI

PHIL BRYANT

GOVERNOR

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

GARY C. RIKARD, EXECUTIVE DIRECTOR

April 23, 2019

Certified Mail No.7017 0530 0000 5971 7084

Mr. Randy Bosarge  
Jackson County Board of Supervisors  
P.O. Box 998  
Pascagoula, Mississippi 39568

Dear Mr. Bosarge:

Re: Jackson County Board of  
Supervisors, Dredging of Gulf  
Hills Bayou  
Jackson County  
COE No. SAM201900172RCV  
WQC No. WQC2019010

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

Jackson County Board of Supervisors, Dredging of Gulf Hills Bayou:  
Maintenance dredging for the identified navigational channels located within residential area of the Gulf Hills Subdivision of the St. Martin Community. Dredging will be performed via mechanical equipment and barged to an approved disposal site. Maintenance dredging of southeast Gulf Hills Bayou. The total estimated dredge quantity will be 19,000 CY. All dredging will be performed to a -5'ML W Depth with 3:1 side slopes. The plan view of the project show Submerged Aquatic Vegetation (SAV) were found throughout areas along the shoreline of the proposed dredge alignments and their locations are identified on the attached dredge alignment drawings. The proposed dredging will comply with the permitting requirement of no dredging within 10 feet of marsh grass and identified subaquatic vegetation and will not impact the shoreline marshes or other wetland habitats. The site is located in St. Martin Community, Jackson County, Mississippi.  
[SAM201900172RCV,WQC2019010].

OFFICE OF POLLUTION CONTROL

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75289 WQC20190001

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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. All fill material and excavation areas shall have side slopes of at least 3:1 (horizontal:vertical) and shall be immediately seeded, stabilized and maintained.
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. Best management practices should 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 of turbid waters into waters of the State. Best management practices should 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.
4. 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.
5. Turbidity outside the limits of a 750-foot mixing zone shall not exceed the ambient turbidity by more than 50 Nephelometric Turbidity Units.
6. 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.

Mr. Bosarge  
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Sincerely,



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

HMW: JP

cc: Rudolph C. Villarreal, U.S. Army Corps of Engineers, Mobile District  
Jennifer Wilder, Department of Marine Resources  
David Felder, U.S. Fish and Wildlife Service  
Molly Martin, Environmental Protection Agency  
Bobby Weaver, Seymour Engineering, PLLC

