

April 9, 2020

Mr. Jake Windham  
City of Pearl  
PO Box 5948  
Pearl, Mississippi 39288

Dear Mr. Windham:

Re: Pearl, City of, Pinepark  
Drainage Basin Detention Pond  
Rankin County  
COE No. MVK2019902  
WQC No. WQC2020006

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

City of Pearl, Pinepark Drainage Basin Detention Pond: Discharge of dredge and/or fill material into jurisdictional wetlands for the construction of a detention basin and outlet structure. The construction of detention basin would collect and release stormwater runoff to help alleviate downstream flooding. The proposed detention pond will have a surface area of approximately 7 acres with the top of bank being at an elevation of 305.5 feet. Three (3) 24-inch by 54-foot long reinforced concrete pipes (RCP) with concrete headwalls would be installed to collect and release stormwater runoff into an existing drainage. Rip-rap would be placed at the end to prevent erosion and would also be placed on top of the three (3) RCPs to serve an emergency spillway. The proposed project would result in the fill of 2.63 acres of jurisdictional wetlands and 1,485 linear feet of jurisdictional stream. The applicant proposes to mitigate for the unavoidable loss of jurisdictional impacts through the purchase of credits from an approved mitigation bank. The site is located in Pearl, Rankin County, Mississippi. [MVK2019902, WQC2020006].

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

76878 WQC20200001

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. Appropriate best management practices (BMPs) shall be properly installed and maintained to prevent the movement of sediment off-site and into adjacent drainage areas. In the event of any BMP failure, corrective actions shall be taken immediately.
3. Coverage under a Storm Water Construction General NPDES Permit shall be obtained prior to the start of construction activities. **No construction activities shall begin until such approvals are obtained.**
4. Mitigation for the impacts of 2.63 acres of wetlands and 1,485 linear feet of stream shall be provided by the purchase of mitigation credits from an approved mitigation bank. The number of credits must be in accordance with banking prospectus and should be based upon that required for impacting 2.63 acres of wetlands and 1,485 linear feet of stream. Written verification of credit purchase must be provided to the Office of Pollution Control prior to the commencement of any work in the wetland 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 you have any questions, please contact Montie Glenn.

Sincerely,



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

Mr. Jake Windham

Page 3 of 3

April 9, 2020

KR: mhg

cc: Samantha Thompson, U.S. Army Corps of Engineers, Vicksburg District  
Tamara Campbell, U.S. Fish and Wildlife Service  
Molly Martin, Environmental Protection Agency  
Brad Marler, Allen Engineering and Science