



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

October 23, 2020

Mr. Jake Windham
City of Pearl
P.O. Box 5948
Pearl, MS 39288

Dear Mr. Windham:

Re: Pearl, City of, Country Place
Detention Ponds
Rankin County
COE No. MVK2019903
WQC No. WQC2020013

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

City of Pearl, Country Place Detention Ponds: The applicant is applying for a Department of the Army permit to discharge dredged and/or fill material into jurisdictional waters of the United States for the construction of a detention basin and outlet structure.

The purpose of the proposed construction of the Country Place Detention Pond is to help alleviate downstream flooding by collecting and releasing stormwater runoff. The proposed detention pond would consist of 2 cells with a total surface area of approximately 12 acres. The upper cell would be approximately 3 acres and the lower cell would be approximately 9 acres. A levee between the two cells would be installed within the Country Place Detention Pond basin that would have two 80-foot long by 42-inch reinforced concrete (RCP) culverts with flared ends to maintain flow. The upper levee would be approximately 280-foot long and the lower cell levee would be approximately 500-foot long. The outlet structure for the entire detention pond would consist initially of a v-notch steel plate weir connected to a 36-

foot long by 15-inch RCP leading into a 5-foot by 5-foot open top concrete box. The 5-foot by 5-foot open top concrete box would connect on the downstream side to an existing 36-inch ductile iron outlet pipe in the adjacent intermittent drainage feature. Rip-rap would be placed at the end to prevent erosion. Once the proposed project is completed, the area would be seeded or sodded to prevent erosion.

The proposed project would result in the fill of 8.83 acres of wooded wetlands and 1,807 linear feet of intermittent stream channel. The applicant proposes to mitigate for the unavoidable loss of jurisdictional impacts through the purchase of credits from a USACE approved mitigation bank that services the project area. [MVK2019903, WQC2020013].

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:

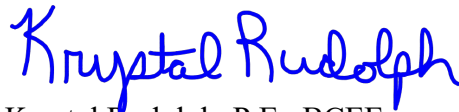
1. The permittee shall obtain appropriate wastewater permits and/or approvals for the proposed activity prior to the commencement of construction activities.
2. All Fill material and excavation areas shall have side slopes of at least 3:1 (horizontal: vertical) and shall be immediately seeded, stabilized, and maintained.
3. Appropriate best management practices (BMPs) shall be properly installed and maintained to prevent the movement of sediment off-site and into adjacent drainage areas. Special care shall be taken prior to and during construction to prevent the movement of sediment into adjacent avoided wetland areas. In the event of any BMP failure, corrective actions shall be taken immediately.
4. The final post-construction Storm Water Pollution Prevention Plan (SWPPP) submitted by Pickering Firm, Inc. received by MDEQ on October 5, 2020 shall be implemented concurrent with project constructed and maintained as proposed.
5. Mitigation for the impact of 8.83 acres of wooded wetlands and 1,807 linear feet of intermittent stream channel associated with the project shall be provided by the purchase of mitigation credits from an approved mitigation bank.
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 you have any questions, please contact Mr. Daniel Anderson.

Sincerely,



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

KR: da

cc: Samantha Thompson, U.S. Army Corps of Engineers, Vicksburg District
Willa Brantley, Department of Marine Resources
Molly Martin, Environmental Protection Agency
Brad Marler, Allen Engineering and Science