



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

June 17, 2021

Ms. Amber Hoffman  
BFI Waste Systems of Mississippi, LLC  
57 Landfill Road  
Leland, Mississippi 38756

Dear Ms. Hoffman:

Re: BFI Waste Systems of  
Mississippi LLC,  
Big River Landfill  
Washington County  
COE No. MVK2006662  
WQC No. WQC2021008

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, BFI Waste Systems of Mississippi, LLC, an applicant for a Federal License or permit to conduct the following activity:

BFI Waste Systems of Mississippi LLC, Big River Landfill: Discharge of dredged and/or fill material into jurisdictional wetlands for the purpose of a landfill expansion. The project purpose is to provide additional storage for the landfill continued operations. The proposed project would construct waste disposal cells and stormwater ponds at the Big Rivers Landfill. The project area was previously permitted in 2009; however, the work was not conducted in the current project area before that permit expired. The total project area is approximately 125.60 acres in size. Within the property boundaries, approximately 22.39 acres of jurisdictional forested wetlands would be impacted by the proposed project. The project will be completed in three (3) phases: Phase I will involve construction of an access road (filling of approximately 1.27 acres of jurisdictional wetlands), Phase II will involve the construction of storage cells 5H, 5J, and 5K (clearing and grading 17.39 acres of jurisdictional wetlands), and Phase III involves the construction of a detention pond (clearing and grading 3.73 acres of jurisdictional wetlands). Mitigation has been proposed through the purchasing of credits from an

approved mitigation bank. This site is located in Leland, Washington County, Mississippi. [MVK2006662, WQC2021008].

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. (Statement B) (11 Miss. Admin Code Pt. 6, R. 1.1.1.B.)
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. (Statement B) (11 Miss. Admin. Code Pt. 6, R. 1.1.1.B., 11 Miss. Admin. Code Pt. 6, R. 1.3.4.B(7))
3. Compliance with the Air Title V Operating Permit, NPDES Storm Water Permit, Water Pretreatment Permit and Solid Waste Management Permit shall be maintained. (Statement C) (11 Miss. Admin. Code Pt. 6, R. 1.1.1.B.)
4. Mitigation for the impacts of 22.39 acres of wetlands shall be provided by the purchase of mitigation credits jurisdictional wetlands shall be provided from an approved mitigation bank. The number of credits purchased must be in accordance with the banking prospectus and should be based upon that required for permanently impacting approximately 22.39 acres of jurisdictional wetlands. 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. (Statement D) (11 Miss. Admin. Code Pt. 6, R 1.3.4 A (2))
5. Turbidity outside the limits of a 750-foot mixing zone shall not exceed the ambient turbidity by more than 50 Nephelometric Turbidity Units. (Statement A) (11 Miss. Admin. Code Pt. 6, R. 2.2.A(3))
6. No sewage, oil, refuse, or other pollutants shall be discharged into the watercourse. (Statement A) (11 Miss. Admin. Code Pt. 6, R. 2.2.A)

As part of the Scope of Review for Application Decisions, 11 Mississippi Administrative Code Part 6, Rule 1.3.4(B), the above conditions are necessary for

the Department to ensure that appropriate measures will be taken to eliminate unreasonable degradation and irreparable harm to waters of the State, such that the activity will not meet the criteria for denial:

(A) The proposed activity permanently alters the aquatic ecosystem such that water quality criteria are violated and/or it no longer supports its existing or classified uses. An example is the channelization of streams.

(B) The proposed activity in conjunction with other activities may result in adverse cumulative impacts.

(C) Nonpoint source/storm water management practices necessary to protect water quality have not been proposed.

(D) The proposed activity results in significant environmental impacts which may adversely impact water quality.

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 Hardaway Glenn at (601) 961-5596.

Sincerely,



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

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  
Rachael Sulkers, Hodges, Harbin, Newberry and Tribble