



STATE OF MISSISSIPPI

PHIL BRYANT

GOVERNOR

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

GARY C. RIKARD, EXECUTIVE DIRECTOR

August 10, 2017

Certified Mail No. 7010 1670 0000 1401 6550

Mr. Jim Parish
Gulf Basin Recycling Company
13009 Road E
Bay St. Louis, Mississippi 39521

Dear Mr. Parish:

Re: Gulf Basin Petroleum Recycling
Company
Hancock County
COE No. MVK-2015-65
WQC No. WQC2017071

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, Gulf Basin Recycling Company, an applicant for a Federal License or permit to conduct the following activity:

Gulf Basin Petroleum Recycling Company: This project includes permanent filling of 0.25 acres of freshwater emergent wetlands and temporarily impacting 0.09 acres of freshwater emergent wetlands for the construction of a motor oil remanufacturing plan. The facility will include a Sequoia system, two tank farms within bermed areas, and concrete paved driveway, and manufacturing and office areas. The 0.09 acres of freshwater emergent wetlands temporarily impacted will be returned to original grade and allowed to revegetate after construction. Storm water will be routed to an onsite system to collect, store, reuse, and treat any excess volume. This project is associated with the Port of Bienville Canal, on Road G in Port Bienville Industrial Park in Hancock County, Mississippi.

During the project application, impacts were reduced to 0.12 acres freshwater emergent wetlands permanently and 0.04 acres of freshwater emergent wetlands temporarily impacted [MVK-2015-65, WQC2017071].

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. 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.
3. All storm water runoff from impervious surfaces that does not flow through an NPDES permit discharge point or routed to a facility permitted under a State No-Discharge Wastewater Permit must be directed through grass swales. All runoff from impervious surfaces shall be treated via grassed swales before discharge into adjacent waters, including avoided wetland areas. Such grassed swales shall be designed to meet the following criteria:
 - a. The swales shall be designed for a 6-mon, 24-hour design storm
 - b. There shall be no contiguous areas of standing or flowing water within 72 hours following storm event
 - c. Peak discharges shall be less than 5 to 10 cfs
 - d. Water velocity shall not exceed 1.0 to 1.5 ft/s
 - e. Maximum design flow depth shall be 1 foot. The cross-section side slopes shall be 3:1 (horizontal:vertical) or flatter
 - f. Swale length shall be at least 100 feet per acre of drainage area.
 - g. Underlying soils shall have high permeability
 - h. Swale area shall be tilled before grass cover established
 - i. Swales must be planted with or have stabilized native vegetation suitable for soil stabilization, storm water treatment, and nutrient uptake

- j. Swale slopes shall be graded as close to zero to permit drainage and should not exceed 2%
- 4. Mitigation for the impact of 0.12 acres of wetlands shall be provided by the purchase of mitigation credits from an approved mitigation bank. Written verification of the final purchase must be provided to the Office of Pollution Control prior to the commencement of any work in the wetland areas.
- 5. An as-built survey shall be conducted and furnished to the Department after completion of the facility to assure the 0.04 temporarily impacted wetlands are returned to original grade.
- 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,



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

HMW: ld

cc: Ms. Charlene Mosley, U.S. Army Corps of Engineers, Vicksburg District
Ms. Jennifer Wittmann, Department of Marine Resources
Mr. Paul Neciase, U.S. Fish and Wildlife Service
Mrs. Molly Martin, Environmental Protection Agency
Ms. Lisa Morrison, Compton Engineering, Inc.