



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

December 7, 2020

Mr. Tommy Tillman
172d Airlift Wing
MS Air National Guard
141 Military Drive
Jackson, Mississippi 39232

Dear Mr. Tommy Tillman:

Re: MSANG, 172nd Military Air
Lift Group
Rankin County
COE No. MVK2019438
WQC No. WQC2020004

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, 172d Airlift Wing of the MS Air National Guard, an applicant for a Federal License or permit to conduct the following activity:

MSANG, 172nd Military Air Lift Group: 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 fire crash and rescue station to accommodate fire emergency services at the 172d Airlift Wing of the Mississippi Air National Guard in Rankin County, Mississippi. The stated purpose is to construct a facility to support the operation of a 42-member, three-shift, full time fire/crash and rescue team, and a 39-member traditional guard fire department.

The total project site is approximately 4.11 acres in size containing approximately 2.82 acres of jurisdictional wetlands, including 490 linear feet (lf) of ephemeral drain. The proposed project would result in the fill of all 2.82 acres of wetlands, and the reroute of 490 lf of ephemeral drain into a new 150 lf channel and 552 lf of culvert. The flow would be routed to a

roadside swale which would be lined with riprap, and then allowed to enter the flow path of the original channel. The flow of several other linear wetland features would also be routed through swales and culverts into the original channel. Approximately 12,000 cubic yards of sand and fill material would be placed within the stream and wetlands. [MVK2019438, WQC2020004].

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. For construction projects from one to less than five acres of total ground disturbances including clearing, grading, excavating or other construction activities shall follow the conditions and limitations of the Small Construction Storm Water General NPDES Permit.
5. Mitigation for the impact of 2.82 acres of wooded wetlands and 490 linear feet of intermittent stream channel associated with the project shall be provided by the purchase of 20 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: doa

cc: Mr. Andy Sanderson, U.S. Army Corps of Engineers, Vicksburg District
Molly Martin, Environmental Protection Agency
Ms. Janet Riddell, Office of Budget & Fund Management
Mr. William D. Smith, MS Air National Guard