



STATE OF MISSISSIPPI

PHIL BRYANT  
GOVERNOR

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

GARY C. RIKARD, EXECUTIVE DIRECTOR  
June 15, 2017

Certified Mail No. 7010 1870 0003 4948 3278

Ms. Jennifer Mallard  
U.S. Army Corps of Engineers  
Vicksburg District  
4155 Clay Street  
Vicksburg, Mississippi 39183-3435

Dear Ms. Mallard:

Re: U. S. Army Corps of Engineers  
Vicksburg District  
General Permit 53, NASA  
Hancock County  
COE No. MVK2017312  
WQC No. WQC2017073

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, to the U.S. Army Corps of Engineers, Vicksburg District, an applicant for a Federal License or permit to conduct the following activity:

U. S. Army Corps of Engineers, Vicksburg District, General Permit 53, NASA: This certification is for the reissuance of a General Permit for regulated activities including the discharge of dredged and/or fill material into waters of the United States associated with projects consisting of, but not limited to: demolition, construction, repair and/or expansion of buildings, parking lots, access roads, pilings, docks, piers, retaining walls, and other appurtenant facilities necessary for the infrastructure and operation of the John C. Stennis Space Center (SSC). Activities covered by this General Permit must be designed and constructed to avoid and minimize adverse effects, both temporary and permanent, to waters of the U.S. to the maximum, extent practicable at the project site. Mitigation in all its forms (avoiding, minimizing, rectifying, reducing, or compensating for resource losses) will be required to the extent necessary to ensure that the individual and cumulative adverse environmental effects are no more than minimal. NASA will continue to mitigate the unavoidable losses of wetland functions and values associated with the authorized projects through creation, restoration, or enhancement and continued management of wetlands on property owned by NASA in the SSC's buffer area. This General Permit is valid for

projects located at the John C Stennis Space Center in Hancock County, Mississippi [MVK2017312, WQC2017073].

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. For discharges of dredged or fill materials associated with the construction of a place where people are employed or congregate, the permittee shall obtain appropriate wastewater permits and/or approvals for the proposed activity prior to the commencement of construction activities.
2. For all proposed road crossings, extreme care shall be taken to prevent the permanent restriction or impedance of water flow. Pre-construction hydrology shall be maintained.
3. 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.
4. 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 wetland areas. In the event of any BMP failure, corrective actions shall be taken immediately.
5. For projects greater than five acres of total ground disturbances including clearing, grading, excavating, or other construction activities, the applicant shall obtain the necessary coverage under the State of Mississippi's Large Construction Storm Water General NPDES Permit. For projects greater than one, to less the five acres of total ground disturbances including clearing, grading, excavating, or other construction activities, the applicant shall follow the conditions and limitations of the State of Mississippi's Small Construction Storm Water General NPDES Permit. No construction activities shall begin until the necessary approvals and/or permits have been obtained.
6. Additional permits may be required from the Department for the construction and operation of individual facilities/projects. Each individual facility/project shall provide all necessary information to the Department to determine if additional permits are needed prior to the start of construction activities. If additional permits are needed, each individual facility/project shall comply with the terms and conditions set forth in these permits. Each individual facility/project shall contact the Environmental Permits Division at (601) 961-5171 for further information. **No construction shall begin at any proposed facility location until all necessary approvals are obtained from the Department.**

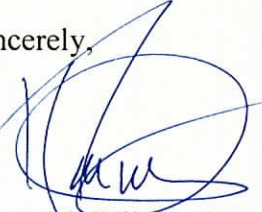


7. No sewage, oil, refuse, or other pollutants shall be discharged into the watercourse.
8. The turbidity outside the limits of a 750-foot mixing zone shall not exceed the ambient turbidity by more than 50 Nephelometric Turbidity Units.

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,



Harry M. Wilson, P.E., DEE  
Chief, Environmental Permits Division

HMW: chb

cc: Mr. Bryan Williamson, U.S. Army Corps of Engineers, Vicksburg District  
Ms. Willa Brantley, Department of Marine Resources  
Mr. Paul Necaie, U.S. Fish and Wildlife Service  
Mr. Bill Ainslie, Environmental Protection Agency