



# State of Mississippi

TATE REEVES  
Governor

## MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

CHRIS WELLS, EXECUTIVE DIRECTOR

January 22, 2025

Mr. Shane Gorman  
Nissan North America  
300 Nissan Drive  
Canton, MS 39046

Dear Mr. Gorman:

Re: Nissan North America, Inc.  
Facility Expansion  
Madison County  
COE No. MVK-2023-281  
WQC No. WQC2024021

Pursuant to Section 401 of the Federal Water Pollution Control Act (33 U. S. C. 1251, 1341), the Mississippi Department of Environmental Quality (MDEQ) issues this Certification, after public notice and opportunity for public hearing, to Nissan North America, Inc., an applicant for a Federal License or permit to conduct the following activity:

Nissan North America, Inc., Facility Expansion: Project to clear, grub, grade, and fill aquatic resources in order to expand the existing facility's footprint to accommodate industry growth and production. The project will provide additional employee parking, roadway access, drainage ditches, two buildings, two culverts, and a sediment basin for the existing manufacturing facility. The limits of construction for this facility expansion encompass 75.9 acres, of which 4.82 acres of wetlands and 1.25 acres of other waters have been identified. The project will impact the 4.82 acres of wetlands and 1.25 acres of other waters. The project is located at the existing Nissan facility within the city limits of Canton, Madison County, Mississippi [MVK-2023-28: WQC2024021].

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

AI 15614 WQC2024021

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Pollution Control Act and Section 49-17-29 of the Mississippi Code of 1972, if the applicant complies with the following conditions:

1. The development shall connect to an Office of Pollution Control approved wastewater collection and treatment system. (Statement G) (11 Miss. Admin. Code Pt. 6, R. 1.1.1.B)
2. All fill material and excavation areas shall have side slopes of 3:1 (horizontal:vertical) or flatter and shall be immediately seeded, stabilized and maintained. (Statement F) (11 Miss. Admin. Code Pt. 6, R. 1.1.1.B.)
3. Coverage under a Stormwater Construction General NPDES Permit shall be obtained prior to the start of construction activities. No construction activities shall begin until such approvals are obtained. (Statement F) (11 Miss. Admin. Code Pt. 6, R. 1.1.1.B)
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 avoided wetland areas. In the event of any BMP failure, corrective actions shall be taken immediately. (Statement F) (11 Miss. Admin. Code Pt. 6, R. 1.1.1.B.)
5. Mitigation for the impacts of 4.82 acres of forested wetlands shall be provided by the purchase of mitigation credits from an approved mitigation bank. The number of credits must be in accordance with banking prospectus and be based upon that required for impacting the waters on the site. Written verification of credit purchase must be provided to the MDEQ prior to the commencement of any work in the wetland or stream areas. (Statement E) (11 Miss. Admin. Code Pt. 6, R 1.3.4 A (2))
6. 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))
7. 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.(3))

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 MDEQ 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) There is a feasible alternative to the activity which reduces adverse consequences on water quality and classified or existing uses of waters of the State.
- (C) The proposed activity adversely impacts waters containing State or federally recognized threatened or endangered species.
- (D) The proposed activity adversely impacts a special or unique aquatic habitat, such as National or State Wild and Scenic Rivers and/or State Outstanding Resource Waters.
- (E) The proposed activity in conjunction with other activities may result in adverse cumulative impacts.
- (F) Nonpoint source/storm water management practices necessary to protect water quality have not been proposed.
- (G) Denial of wastewater permits and/or approvals by the State with regard to the proposed activities.
- (H) The proposed activity results in significant environmental impacts which may adversely impact water quality.

MDEQ 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 Carrie Barefoot.

Sincerely,



Becky Simonson  
Chief, Environmental Permits Division

BS:ms:po

cc: William Pigott, U.S. Army Corps of Engineers, Vicksburg District  
Jamie Becker, Environmental Protection Agency  
Brady Trahan, T. Baker Smith, LLC