

Public Notice
Mississippi Environmental Quality Permit Board
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Public Notice Start Date: January 8, 2025

MDEQ Contact: Jeffrey Bland

Transcontinental Gas Pipeline Company LLC, Station 70, located at 967 Highway 583 North, in Tylertown, MS, (601) 876-3759, has applied to the Mississippi Department of Environmental Quality (MDEQ) for the following permitting action(s): Reissuance of Title V Operating Permit, Air Ref. No. 2760-00010. The applicant's operations fall within SIC Code 4922. A Statement of Basis has been prepared that contains a discussion of the decision-making that went into the development of the permit and provides the permitting authority, the public, and other government bodies a record of the technical issues surrounding issuance of the permit. The Statement of Basis also addresses any changes to emissions and/or discharges resulting from any modification of the facility.

Transcontinental Gas Pipeline Company LLC owns and operates Compressor Station No. 70, for the purpose of transporting natural gas through its pipeline distribution system. Natural gas compression at the Compressor Station is accomplished through four (4) natural gas-fired turbines, three (3) older model turbines (Emission Points AA-003, AA-004, and AA-005) rated at 7,210 horsepower (HP)-each and one (1) newer model turbine (Emission Point AA-008) rated at 16,000 HP. Emission Points AA-003, AA-004, and AA-005 each have a waste heat recovery boiler equipped with burners for supplemental natural gas fuel combustion. Emission Points AA-003, AA-004, and AA-005 are also each equipped with a natural gas starter. To accomplish startup rotation of the turbines, the starters each vent high pressure natural gas through the associated turbine directly to the atmosphere. Emission Point AA-008 is equipped with an electric starter. All combustion equipment fires only pipeline quality natural gas. The compressor station also operates one (1) 408-horsepower natural gas-fired auxiliary generator (non-emergency) engine. As a part of this permitting action, is the proposed installation of one (1) new Solar Mars 100-16000S combustion turbine (proposed as Emission Point AA-011) and one (1) 8,820-gallon lube oil tank and one (1) 500-gallon lube oil day tank (each proposed as an Insignificant Activity)

The facility's potential-to-emit (PTE) exceeds the Title V major source threshold of 100 tons per year (tpy) for each of the following criteria air pollutants: Nitrogen Oxides (NO_x) and Carbon Monoxide (CO). The facility's potential-to-emit hazardous air pollutants (HAPs) does not exceed the major source threshold of 25 tpy of total HAPs or 10 tpy for any individual HAP.

Upon removal of Emission Points AA-003 and AA-006 and installation of Emission Point AA-011, only the potential emissions of NO_x will exceed 250 tpy. The compressor turbines (AA-004 and AA-005) are considered "Grandfathered Sources". Further, since total project emissions associated with the removal of Emission Points AA-003 and AA-006 and the installation of Emission Point AA-011 does not result in an increase in emissions of any criteria pollutant above PSD Significant Emission Rates (SER), this permit action to renew the Title V permit will not change the Prevention of Significant Deterioration (PSD) status of the facility.

The staff of the Permit Board has developed this draft permit based on information submitted to the Permit Board by the applicant, appropriate State and Federal agencies and other interested parties. The staff of the Permit Board is soliciting all relative information pertaining to the proposed activity, including public comment, to ensure that the final staff recommendation on the draft permit complies with all State and Federal regulations. Public review and comment on the draft permit and supporting documentation is an important element in the staff evaluation and resulting recommendation to the Permit Board. The draft permit conditions have been developed to ensure compliance with all State and Federal regulations but are subject to change based on information received as a result of public participation.

Persons wishing to comment upon or object to the proposed determinations are invited to submit comments in writing to Jeffrey Bland at <https://www.mdeq.ms.gov/Bland-Jeffrey/> or to the Permit Board address shown above, no later than the end of the thirty (30) day public notice. All comments received by this date will be considered in the formulation of final determinations regarding the application(s). A public hearing will be held if the Permit Board finds a significant degree of public interest in the proposed permit(s). Persons wishing to request a public hearing may do so by submitting that request in writing to Jeffrey Bland at <https://www.mdeq.ms.gov/Bland-Jeffrey/> or to the Permit Board address shown above. The Permit Board is limited in the scope of its analysis to environmental impact. Any comments relative to zoning or economic and social impacts are within the jurisdiction

of local zoning and planning authorities and should be addressed to them.

After receipt of public comments and thorough consideration of all comments, the staff will formulate its recommendations for permit issuance and a proposed permit if that is the recommendation. The Title V Permit to Operate is a permit that is required by Title V of the Federal Clean Air Act and the Mississippi Air and Water Pollution Control Law. The Title V permit is a Federally-enforceable permit as well as a State permit. Therefore, the U.S. Environmental Protection Agency (EPA) will also be allowed an opportunity to review the application, proposed permit, and all comments received during the public comment period prior to Permit Board action on the application.

The status regarding EPA's 45-day review of this project and the deadline for citizen's petitions can be found at the following website address: <https://www.epa.gov/caa-permitting/mississippi-proposed-title-v-permits>

Additional details about the application, including a copy of the draft permit, are available by writing or calling the Public Records Request Officer at the above Permit Board address and telephone number or by completing the form at the following website: <https://www.mdeq.ms.gov/about-mdeq/public-records-request/public-records-request-form/> . Additionally, a copy of the draft permit and statement of basis may be found on the MDEQ's website at: <https://opc.deq.state.ms.us/publicnotice.aspx> . This information is also available for review at the office of the MDEQ at the Permit Board address shown above during normal business hours. Please bring the foregoing to the attention of persons whom you know will be interested.