

Fact Sheet



For Final Permitting Action Under 45CSR30 and Title V of the Clean Air Act

Permit Number: **R30-04900052-2022**

Application Received: **August 13, 2024**

Plant Identification Number: **03-54-049-00052**

Permittee: **Equitrans, L. P.**

Facility Name: **Curtisville #50 Compressor Station**

Mailing Address: **2200 Energy Drive, Canonsburg, PA 15317**

Permit Action Number: *MM01* Revised: *February 3, 2025*

Physical Location: Mannington, Marion County, West Virginia
UTM Coordinates: 549.65 km Easting • 4377.15 km Northing • Zone 17
Directions: Interstate 79 North to the Downtown Fairmont Exit (Number 137). Bear to the right on the off ramp and merge into the left lane prior to the stop light. Make left at stop light and stay on Route 310 for 3 stop lights. Make a right turn onto the bridge at 3rd light. Go up the hill at a stop light after crossing the bridge. Go through the 2nd stop light. Make a left at the next stop light. Bear to the right hand lane for two stop lights and make a right onto Route 250 North. Stay on Route 250N to Mannington. In Mannington turn left onto High Street and then turn left onto Buffalo Road and continue on this road. Turn left onto Curtisville Pike (State Route 7) and make a right onto Lylac Road. The station will be on the right after approximately 0.2 miles.

Facility Description

The Curtisville Compressor Station #50 is a natural gas transmission facility covered by NAICS 486210 and SIC 4922. The station has the potential to operate seven (7) days per week, twenty-four (24) hours per day. The station consists of one (1) 1100-hp natural gas internal combustion reciprocating engine, one (1) 44-hp emergency generator, one (1) 125-hp electric generator, one (1) heating boiler, one (1) TEG

dehydrator, one (1) TEG dehydration reboiler, one (1) flare, and four (4) tanks of various sizes. The Curtisville #50 Compressor Station is used to compress storage gas.

Emissions Summary

This modification results in the following emission changes:

Regulated Pollutants	Change in Emissions TPY
Carbon Monoxide (CO)	-2.16
Nitrogen Oxides (NO _x)	-2.56
Particulate Matter (PM ₁₀)	-0.22
Total Particulate Matter (TSP)	-0.22
Sulfur Dioxide (SO ₂)	-0.02
Volatile Organic Compounds (VOC)	-0.01

PM₁₀ is a component of TSP.

Hazardous Air Pollutants	Change in Emissions TPY
Formaldehyde	No change
Totals HAPs	-0.47

Some of the above HAPs may be counted as PM or VOCs.

Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit 130.87 tpy of NO_x. Due to this facility's potential to emit over 100 tons per year of criteria pollutant, Equitrans, L.P. is required to have an operating permit pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

Legal and Factual Basis for Permit Conditions

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

The modification to this facility has been found to be subject to the following applicable rules:

Federal and State:	45CSR6	Control of Air Pollution from Combustion of Refuse
	45CSR13	Construction Permits.
	45CSR30	Operating permit requirement.
	40 C.F.R. 64	Compliance Assurance Monitoring (CAM)
State Only:	N/A	

Each State and Federally-enforceable condition of the Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the Title V permit as such.

The Secretary's authority to require standards under 40 C.F.R. Part 60 (NSPS), 40 C.F.R. Part 61 (NESHAPs), and 40 C.F.R. Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR34 and 45CSR30.

Active Permits/Consent Orders

The active permits/consent orders affected by this modification are as follows:

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit (<i>if any</i>)
R13-3441A	October 21, 2024	

Conditions from this facility's Rule 13 permit(s) governing construction-related specifications and timing requirements will not be included in the Title V Operating Permit but will remain independently enforceable under the applicable Rule 13 permit(s). All other conditions from this facility's Rule 13 permit(s) governing the source's operation and compliance have been incorporated into this Title V permit in accordance with the "General Requirement Comparison Table," which may be downloaded from DAQ's website.

Determinations and Justifications

The purpose of this modification is to reinstate the existing 35 MMscfd dehydration unit, reboiler, and flare at the Curtisville #50 Compressor Station and remove the 60 MMscfd unit that was never installed. The changes under this modification were approved under R13-3441A.

The modification requires the following changes to the Title V Permit:

- Section 1.0
 - The Emission Units Table was updated and the reinstated 35 MMscfd dehydration unit, reboiler, and flare replaced the 60 MMscfd unit.
 - Table 1.2 was updated since R13-3441A supersedes and replaces R13-3441.
- Sections 2.0 and 3.0
 - The Title V Boilerplate was updated for conditions 2.1.3, 2.17, 3.1.6, 3.3.1, 3.3.1.b, 3.5.4, 3.5.7, 3.5.8.1, and 3.5.8.a.2.
- Section 5.0
 - Throughout this section, all mentions of “Combustor” “Enclosed Combustor” or “Enclosed Combustion Device(s)” have been changed to flare with the reinstatement of the 35 MMscfd dehydration unit, reboiler, and flare.
 - Throughout this section, all mentions of “BLR03” have been replaced with “BLR02.”

- CAM requirements for the flare previously in the Title V Permit were reinstated; however, as they are the same requirements as the combustor, the permit conditions remain unchanged.
- The capture and control efficiency percentage in condition 5.1.2.f was updated.
- The previous 60 MMscfd values and emission unit ID in condition 5.1.9 were replaced with the reinstated values of the 35 MMscfd unit.
- The Emission limits and Maximum Design Heat Inputs in conditions 5.1.4, 5.1.10, and 5.1.11 have been updated to the values corresponding to the reinstated 35 MMscfd unit.

Non-Applicability Determinations

The following requirements have been determined not to be applicable to the subject facility due to the following:

None

Request for Variances or Alternatives

None.

Insignificant Activities

Insignificant emission unit(s) and activities are identified in the Title V application.

Comment Period

Beginning Date:	Not Applicable for minor modifications
Ending Date:	N/A

Point of Contact

All written comments should be addressed to the following individual and office:

Nikki B. Moats
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304
304/414-1282
Nikki.B.Moats@wv.gov

Procedure for Requesting Public Hearing

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

Response to Comments (Statement of Basis)

Not applicable.