

# Fact Sheet



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

This Fact Sheet serves to address the changes specific to this Reopening, and shall be considered a supplement to the Fact Sheet corresponding with the Title V operating permit issued on June 23, 2011.

Permit Number: **R30-09100013-2011**

Application Received: **July 8, 2014**

Plant Identification Number: **091-00013**

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

Facility Name: **Comet Compressor Station #43**

Mailing Address: **625 Liberty Avenue; Suite 1700; Pittsburgh, PA 15222**

Permit Action Number: *RE01*      Revised: *October 15, 2014*

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Physical Location:	Bridgeport, Taylor County, West Virginia
UTM Coordinates:	572.56 km Easting • 4352.11 km Northing • Zone 17
Directions:	From Interstate 79, take exit 124 for WV-279/Jerry Dove Dr toward US-50 E (0.4 mi). Turn left at CR-707 E/FBI Center Rd/WV-279 E and continue to follow WV-279 E (2.9 mi). Turn left at US-50 (3.2 mi). Turn left at CR-3/Meadland Rd (0.3 mi). Comet Station is on left.

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### Facility Description

The Comet Station is a natural gas transmission facility covered under Standard Industrial Classification (SIC) Code 4922. The station has the potential to operate twenty-four (24) hours per day, seven (7) days per week. The station consists of two (2) 300-hp and two (2) 330-hp natural gas internal combustion reciprocating engines, one (1) 2.25 MMBtu/hr heating boiler, one (1) 600-hp natural gas internal combustion reciprocating engine, two (2) 15-hp compressors, one (1) 275-hp electric generator, and six (6) tanks of various sizes. The purpose of this reopening is to include emergency generator requirements for G-001. This generator was previously classified as a non-emergency generator.

## Emissions Summary

There are no emissions changes associated with this Reopening.

## Title V Program Applicability Basis

With the proposed changes associated with this reopening, this facility maintains the potential to emit 253 TPY of NO<sub>x</sub>. 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 reopening has been found to be subject to the following applicable rules:

Federal and State:	40 C.F.R. Part 63, Subpart ZZZZ	RICE MACT
	45CSR30	Operating permit requirement.
	45CSR34	Emission Standards For Hazardous Air Pollutants

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

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit ( <i>if any</i> )
N/A	N/A	

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

### Equipment Changes

The following changes/updates were made to the Emission Units Table:

- The horsepower rating for G-001 was changed from 251 HP to 275 HP.
- The description of Tank 2 was updated to indicate that it now stores pipeline condensate instead of triethylene glycol.
- The capacity of Tank 4, which contains used oil, was changed from 1500 gallons to 500 gallons.
- Tank 5 was added. This 3000 gallon tank was installed in 2009 to store anti-freeze (Ethylene Glycol).
- Tank 6 was added. This 4000 gallon sump tank was installed in 2009.

These equipment changes did not result in any applicability changes to regulations.

### Emergency Generator Requirements

G-001 is an existing emergency spark ignition engine  $\leq 500$  hp located at an area source of HAPs. The following changes were made to this Title V permit in order to include emergency generator requirements for G-001:

- Condition 5.1.1 was revised to include Item 5 and Footnote 2 of Table 2d of 40 C.F.R. 63, Subpart ZZZZ.
- Condition 5.1.6 was added requiring installation of a non-resettable hour meter, as required in 40 C.F.R. §63.6625(f).
- Condition 5.1.7 was added to include the emergency stationary RICE requirements of 40 C.F.R. §63.6640(f).
- Condition 5.4.4 was added requiring records of the hours of operation recorded through the non-resettable hour meter, as required by 40 C.F.R. §63.6655(f).
- Condition 5.5.3 was added to include emergency stationary RICE reporting requirements of 40 C.F.R. §63.6650(h).

### Non-Applicability Determinations

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

N/A

### 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: August 27, 2014  
Ending Date: September 26, 2014

### **Point of Contact**

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

Rex Compston, P.E.  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304  
Phone: 304/926-0499 ext. 1209 • Fax: 304/926-0478  
[Rex.E.Compston@wv.gov](mailto:Rex.E.Compston@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.