

Fact Sheet



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

This Fact Sheet serves to address the changes specific to this Significant Modification, and shall be considered a supplement to the Fact Sheet corresponding with the Title V operating permit issued on May 3, 2017.

Permit Number: **R30-00500020-2017**

Application Received: **June 16, 2017**

Plant Identification Number: **03-54-00500020**

Permittee: **Cranberry Pipeline Corporation**

Facility Name: **Danville Compressor Station**

Mailing Address: **Suite 401, Five Penn Center West, Pittsburgh, PA 15276-0120**

Permit Action Number: *SM01* Revised: *November 7, 2017*

Physical Location: Danville, Boone County, West Virginia
UTM Coordinates: 422.07 km Easting • 4,214.25 km Northing • Zone 17
Directions: Travel south on US-119 toward Madison. Bear left onto CR-7/03 (Left Fork) for approximately 2.4 miles. Turn left on CR-119/07 (Lick Creek) for approximately 0.9 miles to the station entrance.

Facility Description

Danville Compressor Station is a natural gas production facility covered by Standard Industrial Classification (SIC) Code 1311. The station has the potential to operate twenty-four (24) hours per day, seven (7) days per week, fifty-two (52) weeks per year. The station consists of one (1) TEG dehydrator with flare, one (1) dehydrator reboiler, three (3) 400 HP natural gas compressor engines, one (1) 800 HP natural gas compressor engine, two (2) 810 HP natural gas compressor engines, one (1) 155 hp emergency generator and two (2) storage tanks.

This significant modification incorporates the changes authorized by R13-2585E, which allows increasing the aggregate liquids throughput of storage tanks TKO-1 and TKO-2 from 70,533 gallons to 243,355 gallons; increasing the throughput of the truck load-out from 70,533 gallons to 243,355 gallons; and recalculating emissions from the storage tanks based on site specific materials data and the use of the ProMax 4.0 software.

Emissions Summary

This significant modification will reduce VOCs from 16.65 tons per year to 15.62 tons per year.

Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit 233.67 tons per year of Nitrogen Oxide. Due to this facility's potential to emit over 100 tons per year of a criteria pollutant, Cranberry Pipeline Corporation 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:	45CSR13	Construction Permit
	45CSR30	Operating permit requirement.

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

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit (<i>if any</i>)
R13-2585E	September 11, 2011	

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

This is a significant modification to the renewal permit. The following changes have been made:

The Emissions Units Table 1.0 was updated with the increased throughput of liquids loading (TL-01);

The requirement mandating the use of a carbon filter under 7.1.1. was removed to correlate with the NSR permit (due to the data showing only trace amounts of VOC being emitted from the storage tanks);

The throughput limits under 7.1.2. and 7.1.3. were revised to correlate with the NSR permit; and

Requirement 7.4.1., requiring recordkeeping for the carbon filter replacement, was removed from the permit.

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: Wednesday, September 20, 2017
Ending Date: Friday, October 20, 2017

Point of Contact

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

Bobbie Scroggie
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: 304/926-0499 ext. 1225 • Fax: 304/926-0478
Bobbie.Scroggie@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

No comments received.

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