

Fact Sheet



*For General Permit Registration Under 45CSR30 and
Title V of the Clean Air Act*

Registration Number: R30-NGGP-2007-03900074
Application Received: December 5, 2001
Plant Identification Number: 03900074
Permittee: **Columbia Gas Transmission**
Facility Name: Walgrove Compressor Station
Mailing Address: 1700 MacCorkle Avenue, S.E.
Charleston, WV 25314

Physical Location: 367 Walgrove Rd, Elkview, Kanawha County, West Virginia 25156
UTM Coordinates: 461.76 km Easting • 4257.32 km Northing • Zone 17
Directions: Traveling I-79N from Charleston, exit at Elkview and turn right, go a short distance to US Route 119, turn left and proceed on US Rt. 119 to the town of Blue Creek. Turn right onto Secondary Route 57, travel across the Elk River and turn left at the intersection, the station is approximately 1.5 miles from the intersection.

Facility Description

The Walgrove Station is a natural gas transmission facility covered by Standard Industrial Classification (SIC) 4922.

Emissions Summary

Plantwide Emissions Summary [Tons per Year]		
Criteria Pollutants	Potential Emissions	2005 Actual Emissions
Carbon Monoxide (CO)	12.45	4.64
Nitrogen Oxides (NO _x)	240.52	68.58
Particulate Matter (PM ₁₀)	1.50	0.77
Total Particulate Matter (TSP)	1.50	0.77
Sulfur Dioxide (SO ₂)	0.04	0.01
Volatile Organic Compounds (VOC)	5.01	2.61
<i>PM₁₀ is a component of TSP.</i>		
Hazardous Air Pollutants	Potential Emissions	2005 Actual Emissions
Total HAPs*	2.77	1.11
<i>Some of the above HAPs may be counted as PM or VOCs.</i>		
* HAPs are not speciated because no applicability was triggered.		

Title V Program Applicability Basis

This facility has the potential to emit 240.52 tons of NO_x. Due to this facility's potential to emit over 100 tons per year of criteria pollutant, Columbia Gas Transmission 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.

This facility has been found to be subject to the following applicable rules:

Federal and State:	45CSR6	Open burning prohibited.
	45CSR11	Standby plans for emergency episodes.
	45CSR13	Construction Permit
	WV Code § 22-5-4 (a) (14)	The Secretary can request any pertinent information such as annual emission inventory reporting.
	45CSR30	Operating permit requirement.
	40 C.F.R. Part 61	Asbestos inspection and removal
	40 C.F.R. Part 82, Subpart F	Ozone depleting substances
	State Only:	
	45CSR4	No objectionable odors.
	45CSR17	Fugitive Particulate Matter

Each State and Federally-enforceable condition of the draft Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the draft Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the draft 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, 45CSR15, 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		

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 B," which may be downloaded from DAQ's website.

Determinations and Justifications

N/A

Non-Applicability Determinations

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

Since the last Title V modification WVDEP has determined that 45CSR10 does not apply to gas fired engines.

40 CFR 64 - Engines do not have any add-on control; therefore, in accordance with 40 C.F.R § 64.2(a), CAM is not applicable to this facility.

40 C.F.R 60 Subpart K,Ka or Kb is not applicable because all the tanks are less than 75 m³ capacity.

40 C.F.R 63 Subpart ZZZZ is not applicable to this facility because the facility is not a major source of HAPs.

45CSR21; *To Prevent and Control Air Pollution from the Emission of Volatile Organic Compounds:* All storage tanks at Walgrove station are below 40,000 gallons in capacity which exempts the facility from 45 CSR§21-28. Walgrove station is not engaged in the extraction or fractionation of natural gas which exempts the facility from 45 CSR§21-29.

45CSR27; *To Prevent and Control the Emissions of Toxic Air Pollutants:* Natural gas is included as a petroleum product and contains less than 5% benzene by weight. 45CSR§27-2.4 exempts equipment "used in the production and distribution of petroleum products providing that such equipment does not produce or contact materials containing more than 5% benzene by weight."

Request for Variances or Alternatives

N/A

Insignificant Activities

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

Comment Period

Title V general Permit has already been advertised and finalized. This fact sheet for facility registration is written for the file. This fact sheet states which rules are applicable to the particular facility and which rules are not applicable.

Procedure for Requesting Public Hearing

N/A

Point of Contact

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Division of Air Quality
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Response to Comments (Statement of Basis)

Not applicable.