

# Fact Sheet



## *For Draft/Proposed Renewal Permitting Action Under 45CSR30 and Title V of the Clean Air Act*

Permit Number: **R30-01300017-2025**  
Applications Received: **February 28, 2025**  
Plant Identification Number: **03-54-013-00017**  
Permittee: **Columbia Gas Transmission, LLC**  
Facility Name: **White Oak Compressor Station**  
Mailing Address: **1700 MacCorkle Avenue SE, Charleston, WV 25314**

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Physical Location: Brohard, Calhoun County, West Virginia  
UTM Coordinates: 487.7 km Easting • 4,321.4 km Northing • Zone 17  
Directions: From the town of Brohard, head southeast on Brohard Road towards Dutchman Run and turn right to stay on Brohard Road. Continue on County Route 5/3. In approximately one mile, turn left onto County Route 21/3. The station is on the right in approximately 1.6 miles.

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### **Facility Description**

The White Oak Compressor Station is a natural gas transmission and compressor station. Pipeline transmission of natural gas requires that the gas be compressed. The facility receives natural gas via pipeline from an upstream compressor station, compresses it using natural gas-fired turbines, and transmits the natural gas via pipeline to a downstream station.

SIC Code: 4922

## Emissions Summary

Plantwide Emissions Summary [Tons per Year]		
Regulated Pollutants	Potential Emissions	2024 Actual Emissions
Carbon Monoxide (CO)	212.35	48.43
Nitrogen Oxides (NO <sub>x</sub> )	89.38	43.81
Particulate Matter (PM <sub>2.5</sub> )	10.32	6.45
Particulate Matter (PM <sub>10</sub> )	10.32	6.45
Total Particulate Matter (TSP)	10.32	6.45
Sulfur Dioxide (SO <sub>2</sub> )	1.11	0.7
Volatile Organic Compounds (VOC)	18.05	9.23
<i>PM<sub>10</sub> is a component of TSP.</i>		
Hazardous Air Pollutants	Potential Emissions	2024 Actual Emissions
Formaldehyde	1.26	0.85
Total HAPs	1.88	1.22

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

## Title V Program Applicability Basis

This facility has the potential to emit 212.35 tons per year of CO. Due to this facility's potential to emit over 100 tons per year of criteria pollutant, Columbia Gas Transmission, LLC 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:	45CSR2	Particulate Air Pollution from Combustion of Fuel in Indirect Heat Exchangers
	45CSR6	Open burning prohibited.
	45CSR11	Standby plans for emergency episodes.
	45CSR13	NSR permits
	45CSR16	Standards of Performance for New Stationary Sources Pursuant to 40 C.F.R. 60
	WV Code § 22-5-4 (a) (15)	The Secretary can request any pertinent information such as annual emission inventory reporting
	45CSR30	Operating permit requirement
	45CSR34	Emission Standard for Hazardous Air Pollutants
	40 C.F.R. Part 61, Subpart M	Asbestos inspection and removal
	40 C.F.R. 60 Subpart JJJJ	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (SI ICE)

	40 C.F.R. 60 Subpart KKKK	Standards of Performance for Stationary Combustion Turbines
	40 C.F.R. 60 Subpart OOOOa	Standards of Performance for Crude Oil and Natural Gas Facilities for Which Construction, Modification or Reconstruction Commenced After September 18, 2015 and On or Before December 6, 2022
	40 C.F.R. Part 63 Subpart ZZZZ	National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE)
	40 C.F.R. Part 82, Subpart F	Ozone depleting substances
State Only:	45CSR4	No objectionable odors
	45CSR17	Prevention and Control of Fugitive PM

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> )
R13-3315C	July 9, 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 following changes have been made to the permit since the previous permit modification (MM02/MM03) was issued on March 31, 2025.

1. Emission Units Table 1.1 – in 2023 an old 1,500-gal Wastewater Storage Tank A2 (Emission Point ID A02) was replaced with the new 1,200-gal Wastewater Storage Tank A3 (Emission Point ID A03).
2. Section 5.0 – conditions 5.1.7, 5.4.1(a), 5.5.1 and 5.5.2 were revised to reflect changes in the most recent version of 40 C.F.R. 60 Subpart JJJJ.
3. Section 7.0 – conditions 7.1.1, 7.1.2, 7.1.3, 7.4.1 and 7.5.1 were revised to reflect changes in the most recent version of 40 C.F.R. 60 Subpart OOOOa.

### Non-Applicability Determinations

1. The following requirements have been determined not to be applicable to the subject facility and were included in the Permit Shield (condition 3.7.2) due to the following:

<b>40 C.F.R. 60, Subpart Dc</b>	<b>Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units.</b> The heaters at the facility are less than 10 MMBtu/hr, therefore, according to 40 C.F.R. §60.40c(a), this rule does not apply.
<b>40 C.F.R. 63 Subpart JJJJJ</b>	<b>NESHAP for Industrial, Commercial, and Institutional Boilers Area Sources.</b> According to 40 C.F.R. §63.11195(e) natural gas fired boilers are not subject to this subpart.
<b>40 C.F.R. 60, Subpart OOOO</b>	<b>Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction, Modification or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015.</b> The equipment at this facility was installed in 2017 and later, which is after the applicability date specified in 40 C.F.R. §60.5365, therefore this rule does not apply.

2. **40 C.F.R. 64: Compliance Assurance Monitoring**

CAM is not applicable to the facility since there are no Pollutant Specific Emission Units (PSEUs) satisfying the criteria under 40 C.F.R. §64.2(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: May 29, 2025

Ending Date: June 30, 2025

### Point of Contact

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

Natalya V. Chertkovsky-Veselova  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304  
304/926-0499 ext. 41250  
natalya.v.chertkovsky@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)**

(**Choose**) Not applicable.

**OR**

Describe response to comments that are received and/or document any changes to the final permit from the draft/proposed permit.