

# Fact Sheet



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

This Fact Sheet serves to address the changes specific to this Minor Modification, and shall be considered a supplement to the Fact Sheet corresponding with the Title V operating permit issued on September 15, 2020.

Permit Number: **R30-01300017-2020**  
Application Received: **September 29, 2022**  
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**

Permit Action Number: *MM01*    Revised: *January 31, 2023*

---

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.

---

### 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**

This modification results in the following emission changes:

<b>Change in Facility-Wide Potential Emissions (tons per year)</b>	
<b>Regulated Pollutant</b>	<b>Change in Potential Emissions</b>
Carbon Monoxide (CO)	+ 0.03
Nitrogen Oxides (NO <sub>x</sub> )	+ 0.03
Particulate Matter (PM <sub>2.5</sub> )	+ < 0.01
Particulate Matter (PM <sub>10</sub> )	+ < 0.01
Sulfur Dioxide (SO <sub>2</sub> )	+ < 0.01
Volatile Organic Compounds (VOCs)	+ 0.01
Total Hazardous Air Pollutants (HAPs)	+ < 0.01

**Title V Program Applicability Basis**

With the proposed changes associated with this modification, this facility maintains the potential to emit 212.34 tpy of Carbon Monoxide. 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.

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

Federal and State:	45CSR13	NSR permit.
	45CSR30	Operating permit requirement.

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:

<b>Permit or Consent Order Number</b>	<b>Date of Issuance</b>
R13-3315A	November 22, 2022

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 minor modification incorporates the revisions made with the Class II Administrative Update Permit R13-3315A. The following changes have been made to the Title V operating permit for this modification:

#### **A. Section 1.0. – Emission Units and Active R13, R14, and R19 Permits**

1. In accordance with the changes made in R13-3315A, the Emission Units Table has been updated as follows:
  - a. The design capacity of the process heater HTR1 has been updated to 1.50 mmBTU/hr;
  - b. The installation year of all equipment in the Emission Units Table was updated to 2019;
  - c. The design capacity of A1 was updated to 2,056 gallons and the description of A1 was changed to “Pipeline Liquids Storage Tank”; and
  - d. A wastewater storage tank (Emission Unit ID: A2, Emission Point ID: A02) was added to the Emission Units Table. The tank was installed in 2019 and has a design capacity of 1,500 gallons.
2. R13-3315A was issued on November 22, 2022. The revisions associated with this permit have been included in this Title V permit modification. Section 1.2. has been updated with the current permit.

#### **B. Section 2.0. – General Conditions**

1. The authority of Condition 2.11.4. has been updated to 45CSR§30-2.40. due to a change in 45CSR30.
2. The authority of Condition 2.22.1. has been updated to 45CSR§30-5.3.e.3.B. due to the repeal of Rule 45CSR38 by Senate Bill No. 163.

#### **C. Section 3.0. – Facility-Wide Requirements**

1. The U.S. EPA address has been updated in Condition 3.5.3.

#### **D. Section 6.0. – Source Specific Requirements (Heaters (HTR1, HTR2))**

1. The maximum design heat input for HTR1 has been updated in the table of Condition 6.1.1. from 1.41 mmBTU/hr to 1.50 mmBTU/hr.

#### **E. Section 7.0. – 40CFR60, Subpart OOOOa Requirements**

1. With the issuance of R13-3315A, Condition 4.1.5. was removed from R13-3315A. This condition required the permittee to calculate the potential VOC emissions from the storage tank A1. 40 C.F.R. §60.5410a(h) and Condition 4.1.5. of R13-3315 were the authority for Condition 7.2.1. of the Title V operating permit. As such, the requirements of Condition 7.2.1. of R30-01300017-2020 (RE01) have been replaced with “None” in this permit revision.

### **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.

Ending Date: Not Applicable.

### **Point of Contact**

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

Sarah Barron  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304  
304/926-0499 ext. 41915  
sarah.k.barron@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.