

West Virginia Department of Environmental Protection
Earl Ray Tomblin
Governor

Division of Air Quality

Randy C. Huffman
Cabinet Secretary

Class II General Permit G40-C Registration to Construct



for the
Prevention and Control of Air Pollution in regard to the
Construction, Modification, Relocation,
Administrative Update and Operation of
Nonmetallic Mineral Processing Plants

*The permittee identified at the facility listed below is authorized to
construct the stationary sources of air pollutants identified herein in accordance
with all terms and conditions of General Permit G40-C.*

G40-C071

Issued to:
XTO Energy, Inc.
Coastal Crusher
049-00186

A handwritten signature in blue ink, appearing to read "William F. Durham", written over a horizontal line.

William F. Durham
Director

Effective: April 30, 2015

This Class II General Permit Registration will supercede and replace *(Not Applicable)*

Facility Location: Four States, Marion County, West Virginia
Mailing Address: PO Box 1008, Jane Lew, WV 26378
Facility Description: Nonmetallic Mineral Processing Plant
NAICS Codes: 238910
UTM Coordinates: 558.354 km Easting • 4,370.704 km Northing • Zone 17
Registration Type: Construction

Subject to 40CFR60 Subpart OOO? Yes
Subject to 40CFR60 Subpart IIII? Yes
Subject to 40CFR60 Subpart JJJJ? No

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit or registration issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§ 22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §22-5-14.

This permit does not affect 45CSR30 applicability, the source is a nonmajor source subject to 45CSR30.

Unless otherwise stated WVDEP DAQ did not determine whether the registrant is subject to an area source air toxics standard requiring Generally Achievable Control Technology (GACT) promulgated after January 1, 2007 pursuant to 40 CFR 63, including the area source air toxics provisions of 40 CFR 63, Subpart ZZZZ.

All registered facilities under Class II General Permit G40-C are subject to Sections 1.0, 1.1, 2.0, 3.0, and 4.0.

The following sections of Class II General Permit G40-C apply to the registrant:

- Section 5 Nonmetallic Mineral Processing Operations X
- Section 6 Standards of Performance for Nonmetallic Mineral Processing Plants that Commenced Construction, Reconstruction or Modification after August 31, 1983 but before April 22, 2008 (40CFR60 Subpart OOO) ☐
- Section 7 Standards of Performance for Nonmetallic Mineral Processing Plants that Commenced Construction, Reconstruction or Modification on or after April 22, 2008. (40CFR60 Subpart OOO) X
- Section 8 Reciprocating Internal Combustion Engines (R.I.C.E.) X
- Section 9 Tanks ☐
- Section 10 Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40CFR60 Subpart IIII) X
- Section 11 Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart JJJJ) ☐

Emission Units

Equipment ID No.	Added Modified Removed ¹	Date of Manufacture	Description	Control Equipment ²	Maximum Capacity	
					TPH	TPY
Feeders						
PP-FH1	A	2006	54" X 26" Grizzly Feeder	N	350	120,000
Crushers						
PP-CR1	A	2006	EXTEC Jaw Crusher	FE	350	120,000
Conveyors						
PP-BF1	A	2006	Feed Conveyor	FE	350	120,000
PP-BC1	A	2006	Belt Conveyor	FE	350	120,000
Engine						
PP-CE1	A	02/21/2006	Diesel Engine, Deutz AG, 365 hp, Tier II Certified	N/A	N/A	N/A
Storage					Storage Capacity	Maximum Yearly Throughput
PP-OS-SM	A	2015	Open Stockpile - Receives sized aggregate from belt conveyor PP-BC1	SW-WS	4,000 ft ²	120,000 TPY

¹ A - Addition; M - Modification; R - Removal (Existing unmodified equipment to be included in the permit is labeled with an M.)
² WS - Water Sprays; N/A - Not Applicable; FE - Fully Enclosed; N - None

Control Devices (Not Applicable)

Control Device ID	Source ID No.	Emission Unit Description	Month/Year Constructed, Reconstructed, or Modified

Reciprocating Internal Combustion Engines

Emission Unit ID	Emission Unit Description (Make, Model, Serial No.)	Year Installed	Design Capacity (Bhp/rpm)
PP-CE1	Deutz AG, BF6M1015 Certificate No. DZX-NR8-05-05	2015	365 / 1800

Reciprocating Internal Combustion Engines (R.I.C.E.) Information

Emission Unit ID	Subject to 40CFR60 Subpart III?	Subject to 40CFR60 Subpart JJJ?	Subject to Sections 8.1.4/8.2.1 (Catalytic Reduction Device)
PP-CE1	Yes	No	No

Emission Limitations

Emission Source	Maximum Controlled Hourly Emissions (lb/hr)	Maximum Controlled Annual Emissions (tons/year)
FUGITIVE EMISSIONS		
Stockpiles	0.01	0.06
Unpaved Haulroads	4.31	4.31
Paved Haulroads	0.00	0.00
Total Fugitive Emissions	4.32	4.37
POINT SOURCE EMISSIONS		
Equipment Emissions	0.14	0.02
Transfer Point Emissions	10.16	1.74
Total Point Source Emissions	10.30	1.76
TOTAL FACILITY EMISSIONS		
Total Facility Emissions	14.62	6.13

Engines

Source ID	Emission Source	Pollutant	Maximum Hourly Emissions (lb/hr)	Maximum Annual Emissions (tpy)
PP-CR1	PP-CE1	Nitrogen Oxides	2.43	3.04
		Carbon Monoxide	0.90	1.13
		Particulate Matter	0.08	0.10
		Volatile Organic Compounds	0.83	1.04
		Formaldehyde	N/A	N/A