



west virginia department of environmental protection

Division of Air Quality
601 57th Street SE
Charleston, WV 25304
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Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
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November 02, 2016

CERTIFIED MAIL

91 7199 9991 7035 6610 3801

Andrew Jordan, President
PO Box 3311
Charleston, WV 25333

RE: Pritchard Mining Company, Inc.
Tyler Morgan Facility
Permit Application No. G40-C081
Plant ID No. 039-00673

Dear Mr. Jordan:

Your application for a permit as required by Section 5 of 45CSR13 - "Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permit, General Permit, and Procedures for Evaluation" has been approved. The enclosed permit G40-C081 is hereby issued pursuant to Subsection 5.7 of 45CSR13. Please be aware of the notification requirements in the permit which pertain to commencement of construction, modification, or relocation activities; startup of operations; and suspension of operations.

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

In accordance with 45CSR30- Operating Permit Program, the permittee shall submit a certified emissions statement and pay fees on an annual basis in accordance with the submittal requirements of the Division of Air Quality. A receipt for the appropriate fee shall be maintained on the premises for which the receipt has been issued, and shall be made immediately available for inspection by the Secretary or his/her duly authorized representative.

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 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.

Should you have any questions or comments, please contact me at (304) 926-0499, extension 1212.

Sincerely,

Thornton E. Martin Jr.
Permit Engineer

c: Bruce Vest, Vice President
Linda Raines, Decota Consulting

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

Facility Location: Standard, Kanawha County, West Virginia
Mailing Address: PO Box 3311, Charleston, West Virginia 25333
Facility Description: Nonmetallic Mineral Processing Plant
NAICS Codes: 212312
UTM Coordinates: Easting: 444.000 km Northing: 4230.000 km Zone: 17
Registration Type: Construction

Subject to 40CFR60 Subpart OOO? Yes
Subject to 40CFR60 Subpart IIII? No
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
- 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)
- Section 8 Reciprocating Internal Combustion Engines (R.I.C.E.)
- Section 9 Tanks
- Section 10 Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40CFR60 Subpart IIII)
- Section 11 Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart JJJJ)

Emission Units

Equip-ment ID No.	A M R ¹	Year	Description	Maximum Capacity		Control Equip-ment ²
				TPH	TPY	
Portable Crusher and Screen Circuit						
OS-1	A	2016	70,000 Ton Open Stockpile - large diameter rock	----	50,000	N
CR-1	A	2016	Lippmann Jaw Crusher - receives material from feed bin, crushes, then transfers to screen S-1	32	50,000	FE
S-1	M	2014	Finlay Triple Deck Screen - receives material from crusher CR-1 then distributes based on size of material to belt conveyor BC-2, belt conveyor BC-3 or belt conveyor BC-4	32	50,000	PE
BC-2	M	2014	Belt Conveyor - transfers 4" X 6" product from screen to stockpile OS-2	9.6	15,000	N
OS-2	M	2014	10' Drop Height Open Stockpile - 4" X 6" product	----	15,000	N
BC-3	M	2014	Belt Conveyor - transfers 3" product from screen to stockpile OS-3	16	25,000	N
OS-3	M	2014	18' Drop Height Open Stockpile - 3" product	----	25,000	N
BC-4	M	2014	Belt Conveyor - transfers sand/fines product from screen to stockpile OS-4	6.4	10,000	N
OS-4	M	2014	10' Drop Height Open Stockpile - rejects product	----	10,000	N

¹ A - Addition; M - Modification; R - Removal (Existing unmodified equipment to be included in the permit is labeled with an M.)

² FE - Full Enclosure; PE - Partial Enclosure; 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)
ENG	Caterpillar C-15	2005	525 / 1,800

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

Emission Unit ID	Subject to 40CFR60 Subpart IIII?	Subject to 40CFR60 Subpart JJJJ?	Subject to Sections 8.1.4/8.2.1 (Catalytic Reduction Device)
ENG	No	No	No

Emission Limitations

Emission Source	Maximum Controlled Hourly Emissions (lb/hr)	Maximum Controlled Annual Emissions (tons/year)
FUGITIVE EMISSIONS		
Stockpiles	0.001	0.0009
Unpaved Haulroads	0.107	0.084
Paved Haulroads	0.00	0.00
<i>Total Fugitive Emissions</i>	<i>0.119</i>	<i>0.093</i>
POINT SOURCE EMISSIONS		
Equipment Emissions	0.12	0.0936
Transfer Point Emissions	12.24	9.548
<i>Total Point Source Emissions</i>	<i>12.36</i>	<i>9.642</i>
TOTAL FACILITY EMISSIONS		
<i>Total Facility Emissions</i>	12.48	9.73

Engines

Source ID	Emission Source	Pollutant	Maximum Hourly Emissions (lb/hr)	Maximum Annual Emissions (tpy)
ENG	ENG	Nitrogen Oxides	4.75	4.04
		Carbon Monoxide	2.77	2.36
		Volatile Organic Compounds	0.79	0.67
		Particulate Matter	0.15	0.13