



west virginia department of environmental protection

Division of Air Quality
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Charleston, WV 25304
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Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

July 12, 2016

CERTIFIED MAIL

7199 9991 7034 1382 2756

Zachary Wright, Power of Attorney
Tams Management, Inc.
PO Box 1085
Beckley, WV 25801

Re: Application Status: Approved
Tams Management, Inc.
East Gulf Preparation Plant
Registration Application G10-D162
Plant ID No. 081-00268

Dear Mr. Wright:

Your application for a General Permit G10-D registration to construct a wet wash coal preparation plant 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 registration G10-D162 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.

As a result of this permit, the source is a nonmajor or area source subject to 45CSR30. Therefore, the facility is not subject to the permitting requirements of 45CSR30 and is classified as a deferred source.

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,

Promoting a healthy environment.

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, please contact me at (304) 926-0499, ext. 1210.

Sincerely,



Daniel P. Roberts, Engineer Trainee
NSR Permitting Section

Enclosures

c: Donna Toler

Class II General Permit G10-D Registration to Construct



for the
Prevention and Control of Air Pollution in regard to the
Construction, Modification, Relocation,
Administrative Update and Operation of
Coal Preparation Plants and Coal Handling Operations

*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 G10-D.*

G10-D162

Issued to:
Tams Management, Inc.
East Gulf Preparation Plant
081-00268

A blue ink signature of William F. Durham, written in a cursive style, positioned above a horizontal line.

William F. Durham
Director

Effective: July 12, 2016

This Class II General Permit Registration will not supersede any existing general permit registrations or permits.

Facility Location: Ury, Raleigh County, West Virginia
Mailing Address: PO Box 1085, Beckley, WV 25801
Facility Description: Coal Preparation Plant
SIC Codes: 1221 (Bituminous Coal & Lignite - Surface)
NAICS Codes: 212111 (Bituminous Coal and Lignite Surface Mining)
UTM Coordinates: Easting: 476.43296 km • Northing: 4168.927.26 km • NAD83 Zone 17N
Lat/Lon Coordinates: Latitude: 37.667222 • Longitude: -81.267222 • NAD83
Registration Type: Construction
Description of Change: Application to construct a 300 TPH and 2,628,000 TPY wet wash coal preparation plant including one crusher, five belt conveyors, two truck loadout bins and two open storage piles.

Subject to 40CFR60 Subpart Y? 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.

As a result of this permit, the source is a nonmajor or area source subject to 45CSR30. Therefore, the facility is not subject to the permitting requirements of 45CSR30 and is classified as a deferred source.

All registered facilities under Class II General Permit G10-D are subject to Sections 1.0, 1.1, 2.0, 3.0 and 4.0.

The following sections of Class II General Permit G10-D apply to the registrant:

- Section 5 Coal Preparation and Processing Plants and Coal Handling Operations
- Section 6 Standards of Performance for Coal Preparation and Processing Plants that Commenced Construction, Reconstruction or Modification after October 27, 1974, and on or before April 27, 2008 (40CFR60 Subpart Y)
- Section 7 Standards of Performance for Coal Preparation and Processing Plants that Commenced Construction, Reconstruction or Modification after April 28, 2008, and on or before May 27, 2009 (40CFR60 Subpart Y)
- Section 8 Standards of Performance for Coal Preparation and Processing Plants that Commenced Construction, Reconstruction or Modification after May 27, 2009 (40CFR60 Subpart Y)
- Section 9 Reciprocating Internal Combustion Engines (R.I.C.E.)
- Section 10 Tanks
- Section 11 Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40CFR60 Subpart IIII)
- Section 12 Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart JJJJ)

Emission Units

Equipment ID No.	Date of Construction, Reconstruction or Modification ¹	G10-D Applicable Sections ²	Emission Unit Description	Maximum Permitted Throughput		Control Device ³	Associated Transfer Points		
				TPH	TPY		Location: B -Before A -After	ID No.	Control Device ³
Raw Coal Circuit									
OS-01	C 2016	5 and 8	Raw Coal Open Storage Pile - maximum 50,000 tons capacity, 108,869 ft ² base area and 65' height - receives raw coal from trucks, stores it and then a dozer or endloader pushes it into the feeder for CR-01	300	2,628,000	WS	B A	TP-01 TP-02	UL-MDH LO-MDH
CR-01	C 2016	5 and 8	Breaker - receives raw coal from OS-01, crushes it to 4" x 0 and drops it onto BC-01	300	2,628,000	FE	B A	TP-02 TP-03	LO-MDH TC-FE
BC-01	C 2016	5 and 8	Raw Coal Belt Conveyor - receives crushed raw coal from BC-01 and transfers it to the wet wash preparation plant	300	2,628,000	PE	B A	TP-03 TP-04	TC-FE TC-FW
Clean Coal Circuit									
BC-02	C 2016	5 and 8	Clean Coal Belt Conveyor - receives clean coal from the wet wash preparation plant and transfers it to BC-03 or BC-04	200	1,752,000	PE	B A	TP-05 TP-06	TC-FW TC-FE
BC-03	C 2016	5 and 8	Clean Coal Radial Stacking Belt Conveyor - receives crushed raw coal from BC-02 and transfers it to OS-02	200	1,752,000	PE	B A	TP-06 TP-07	TC-FE TC-MDH
OS-02	C 2016	5 and 8	Sized Raw Coal Open Storage Pile - maximum 50,000 tons capacity, 108,869 ft ² base area and 65' height - receives crushed raw coal from BC-03, stores it and then a front-end loader transfers it to trucks for shipment.	200	1,752,000	WS	B A	TP-07 TP-08	TC-MDH LO-MDH
BC-04	C 2016	5 and 8	Clean Coal Belt Conveyor - receives crushed raw coal from BC-02 and transfers it to BS-01	200	1,752,000	PE	B A	TP-09 TP-10	TC-FE TC-FE

Equipment ID No.	Date of Construction, Reconstruction or Modification ¹	G10-D Applicable Sections ²	Emission Unit Description	Maximum Permitted Throughput		Control Device ³	Associated Transfer Points		
				TPH	TPY		Location: B -Before A -After	ID No.	Control Device ³
BS-01	C 2016	5 and 8	Clean Coal Truck Loadout Bin - 90 tons capacity - receives crushed raw coal from BC-04 and then loads it to trucks through a fixed chute for shipment	200	1,752,000	FE	B A	TP-10 TP-11	TC-FE LO-MDH
Refuse Circuit									
BC-05	C 2016	5 and 8	Belt Conveyor - receives refuse from the wet wash preparation plant and transfers it to BS-02	200	1,752,000	PE	B A	TP-12 TP-13	TC-FW TC-FE
BS-02	C 2016	5 and 8	Refuse Truck Loadout Bin - 150 tons capacity - receives refuse from BC-05 and then loads it to trucks through a fixed chute for transport and dumping to the refuse disposal area	200	1,752,000	FE	B A A	TP-13 TP-14 TP-15	TC-FE LO-MDH UL-MDH

¹ In accordance with 40 CFR 60 Subpart Y, coal processing and conveying equipment, coal storage systems, and coal transfer and loading systems constructed, reconstructed, or modified after April 28, 2008 shall not discharge gases which exhibit 10 percent opacity or greater. For open storage piles constructed, reconstructed, or modified after May 27, 2009, the permittee shall prepare and operate in accordance with a fugitive coal dust emissions control plan that is appropriate for site conditions.

² All registered affected facilities under Class II General Permit G10-D are subject to Sections 1.0, 1.1, 2.0, 3.0 and 4.0.

³ Control Device Abbreviations: FE - Full Enclosure; FW - Full Enclosure with Water Sprays; PE - Partial Enclosure; PW - Partial Enclosure with Water Sprays; WS - Water Sprays; MDH - Minimize Drop Height; and NC - No Control.

Emission Limitations

- Facility-wide Emissions - Tams Management, Inc. East Gulf Preparation Plant	Maximum Controlled PM Emissions		Maximum Controlled PM ₁₀ Emissions	
	lb/hour	TPY	lb/hour	TPY
Fugitive Emissions				
Open Storage Pile Emissions	0.28	1.22	0.13	0.57
Unpaved Haulroad Emissions	60.69	268.50	17.54	77.60
Paved Haulroad Emissions	0.00	0.00	0.00	0.00
<i>Fugitive Emissions Total</i>	<i>60.97</i>	<i>269.72</i>	<i>17.67</i>	<i>78.17</i>
Point Source Emissions				
Equipment Emissions	1.20	5.26	0.56	2.47
Transfer Point Emissions	1.35	5.91	0.64	2.79
<i>Point Source Emissions Total (PTE)</i>	<i>2.55</i>	<i>11.16</i>	<i>1.20</i>	<i>5.26</i>
FACILITY EMISSIONS TOTAL	63.52	280.88	18.87	83.43

Storage Tanks - Not Applicable

Source ID No.	Status	Content	Design Capacity			Orientation	G10-D Applicable Sections
			Volume	Diameter	Throughput		

Engines - Not Applicable

Source ID	Emission Source	Pollutant	Maximum Hourly Emissions (lb/hr)	Maximum Annual Emissions (tpy)
		Nitrogen Oxides		
		Carbon Monoxide		
		Volatile Organic Compounds		
		Particulate Matter (<10 microns)		
		Sulfur Dioxide		
		Formaldehyde		

Control Devices - Not Applicable

Control Device ID No.	Source ID No.	Date Constructed, Reconstructed, or Modified	Emission Unit Description (Make, Model, Serial No., etc.)

Reciprocating Internal Combustion Engines - Not Applicable

Emission Unit ID No.	Emission Unit Description (Make, Model, Serial No., etc.)	Year Installed	Design Capacity (Bhp/rpm)

Reciprocating Internal Combustion Engines (R.I.C.E.) Information - Not Applicable

Emission Unit ID No.	Subject to 40CFR60 Subpart III?	Subject to 40CFR60 Subpart JJJJ?	Subject to Sections 9.1.4/9.2.1 (Catalytic Reduction Device)