



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
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January 7, 2016

CERTIFIED MAIL
7199 9991 7034 1382 2831

Michael G. Smith, Authorized Agent
Bandmill Coal Corporation
PO Box 1098
Holden, WV 25625

Re: Application Status: Approved
Bandmill Coal Corporation
Rum Creek Preparation Plant
Registration Application G10-D099F
Plant ID No. 045-00018

Dear Mr. Smith:

Your application for a General Permit G10-D registration to modify a wet wash coal preparation plant and railcar loadout 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-D099F 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 (CES) 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, please contact me at (304) 926-0499, ext. 1210.

Sincerely,



Daniel P. Roberts, Engineer Trainee
NSR Permitting Section

Enclosures

c: Donna Toler, P & A Engineers and Consultants, Inc.

Class II General Permit G10-D Registration to Modify



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-D099F

Issued to:
Bandmill Coal Corporation
Rum Creek Preparation Plant
045-00018

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

William F. Durham
Director

Effective: January 7, 2016

This Class II General Permit Registration will supersede and replace registration G10-D099E approved on June 3, 2015.

Facility Location: Stollings, Logan County, West Virginia
Mailing Address: PO Box 1098, Holden, WV 25625
Facility Description: Wet Wash Coal Preparation Plant
SIC Code: 1221 (Bituminous Coal & Lignite - Surface)
1222 (Bituminous Coal & Lignite - Underground)
NAICS Code: 212111 (Bituminous Coal and Lignite Surface Mining)
212112 (Bituminous Coal Underground Mining)
UTM Coordinates: Easting: 420.4 km Northing: 4185.4 km NAD83 Zone 17N
Lat/Lon Coordinates: Latitude: 37.812510 Longitude: -81.906599 NAD83
Registration Type: Modification
Description of Change: Modification to add a raw coal screen with maximum throughput rates of 1,300 TPH and 11,388,000 TPY. The control devices for crushers CR-01 and CR-02 were changed from FE to FW because that is what is used in the emission calculations spreadsheet.

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.

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

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 - Alma Stockpile Area									
BC-02	M 2010 C 2009	5 and 8	48" Alma Reclaim Conveyor - receives raw coal from the Alma Stockpile Area and transfers it to SS-03	1,300	11,388,000	PE	B A	TP-03 TP-04	TC-FE TC-FW
SS-03	C 2015	5 and 8	Double Deck Screen - receives raw coal from BC-02, classifies it and then sized raw coal drops into CR-01 and rock refuse drops onto BC-28 (see Rock Refuse Circuit below)	1,300	11,388,000	FW	B A	TP-04 TP-05 TP-56	TC-FW TC-FW TC-FE
CR-01	C 2009	5 and 8	Raw Coal Sizer - receives sized raw coal from SS-03, crushes it to 4"x 0 and then drops it onto BC-03 and the rock refuse onto BC-28 (see Rock Refuse Circuit below)	1,300	11,388,000	FW	B A A	TP-05 TP-61 TP-56	TC-FW TC-FW TC-FE
BC-03	M 2010 C 2009	5 and 8	48" Belt Conveyor - receives crushed raw coal from CR-01 and transfers it to the prep plant	1,300	11,388,000	PE	B A	TP-61 TP-06	TC-FW TC-WW
Raw Coal Circuit - Hershaw Deep Mine and Other Underground Mine									
BC-04	M 2010 C 2004	5 and 8	48" Hershaw ROM Conveyor - receives raw coal from the Hershaw mine and transfers it to OS-01	600	5,256,000	PE	B A	TP-07 TP-08	TC-FE TC-MDH
OS-01	M 2010 C 2004	5 and 8	Hershaw Raw Coal Stockpile - maximum 20,000 tons capacity, 38,869 ft ² base area and 65' height - receives raw coal from BC-04, stores it, and then underpile reclaim feeders feed it onto BC-05	---	5,265,000	SW-WS	B A	TP-08 TP-09	TC-MDH LO-UC
BC-05	M 2010 C 2004	5 and 8	48" Hershaw Raw Coal Transfer Conveyor - reclaims raw coal from OS-01 and transfers it to BC-07	1,000	5,256,000	PE	B A	TP-09 TP-10	LO-UC TC-FE
BC-06	M 2011 M 2010 C 2009	5 and 8	48" ROM Conveyor - receives raw coal from underground mine and transfers it to BC-07	1,000	5,500,000	PE	B A	TP-11 TP-12	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
BC-07	C 2009	5 and 8	48" Plant Feed Conveyor - receives raw coal from BC-05 and BC-06 and transfers it to BC-01 at the prep plant	1,000	8,760,000	PE	B B A	TP-10 TP-12 TP-13	TC-FE TC-FE TC-WW
BC-01	M 2010 C 2009	5 and 8	48" Alma Stockpile Feed Conveyor - receives raw coal from BC-07 at the prep plant and transfers it to the Alma Stockpile Area	1,000	8,760,000	PE	B A	TP-01 TP-02	TC-FE TC-WW
Direct Ship Circuit Bandmill Truck Dump									
BS-01	M 2010 C 2004	5 and 8	Truck Dump Bin - 100 tons capacity - receives trucked direct ship coal and transfers it to CR-02	---	5,694,000	PW	B A	TP-14 TP-15	UD-PW TC-FE
CR-02	C 2009	5 and 8	Stamler Feeder-Breaker - receives direct ship coal from BS-01, crushes to 2x0 and then drops it onto BC-08	650	5,694,000	FW	B A	TP-15 TP-16	TC-FE TC-FE
BC-08	M 2010 C 2009	5 and 8	48" Belt Conveyor - receives direct ship crushed coal from CR-02 and transfers it to CR-03 or BC-09	650	5,694,000	PE	B A A	TP-16 TP-53 TP-17	TC-FE TC-FW TC-FE
CR-03	C 2011	5 and 8	Single Roll Direct Ship Crusher - receives some direct ship coal from BC-08, crushes it and then drops it onto BC-09	400	3,504,000	FW	B A	TP- 53 TP-54	TC-FW TC-FW
BC-09	M 2010 C 2009	5 and 8	48" Belt Conveyor - receives crushed direct ship coal from BC-08 and CR-03 and transfers it to OS-02	650	5,694,000	PE	B B A	TP-17 TP-54 TP-18	TC-FE TC-FW TC-PE
OS-02	C 2009	5 and 8	Direct Ship Coal Stockpile - maximum 25,000 tons capacity, 38,869 ft ² base area and 75' height - receives crushed direct ship coal from BC-09, stores it and then underpile reclaim feeders feed it onto BC-14 (see Railcar Loadout Circuit below)	---	5,694,000	SW-WS	B A	TP-18 TP-27	TC-PE LO-UC
Bandmill Prep Plant - Raw Coal Processing									
SS-01	C 2011	5 and 8	Double Deck Screen - receives raw coal from BC-03 (see Raw Coal Circuit - Alma Deep Mine above), classifies it and then sized coal discharges directly to the wet wash system	650	5,694,000	FW	B A	TP-51 N/A	TC-FW TC-WW
SS-02	C 2011	5 and 8	Double Deck Screen - receives raw coal from BC-03 (see Raw Coal Circuit - Alma Deep Mine above), classifies it and then sized coal discharges directly to the wet wash system	650	5,694,000	FW	B A	TP-52 N/A	TC-FW TC-WW
Bandmill Prep Plant - Clean Coal									
CR-04	C 2011	5 and 8	Double Roll Crusher - receives a certain percentage of the clean coal from the wet wash system, crushes it and then drops it onto BC-10	100	876,000	FW	B A	TP-55 TP-19	TC-FW TC-WW
BC-10	M 2010 C 2009	5 and 8	48" Clean Coal Transfer Belt - receives clean coal from CR-04 and the wet wash system and transfers it to BC-11	680	5,956,000	PE	B A	TP-19 TP-20	TC-WW TC-FE
BC-11	M 2010 C 2009	5 and 8	48" Clean Coal Transfer Belt - receives clean coal from BC-10 and transfers it to BC-12	680	5,956,000	PE	B A	TP-20 TP-21	TC-FE TC-FE
BC-12	M 2010 C 2009	5 and 8	48" Clean Coal Stacking Tube Feed Belt - receives clean coal from BC-11 and transfers it to OS-03 or BC-13	680	5,956,000	PE	B A A	TP-21 TP-22 TP-23	TC-FE TC-PE TC-FE
OS-03	C 2009	5 and 8	Clean Coal Stockpile - maximum 25,000 tons capacity, 38,869 ft ² base area and 75' height - receives clean coal from belt BC-12, stores it and then underground feeders feed it onto BC-14 (see Railcar Loadout Circuit below)	---	5,956,000	SW-WS	B A	TP-22 TP-26	TC-PE LO-UC
BC-13	Not Yet Constructed *	5 and 8	48" Clean Coal Stacking Tube Feed Belt - receives clean coal from BC-12 and transfers it to OS-04 (* Permitted in 2010, but not yet constructed as of 2015)	680	5,956,000	PE	B A	TP-23 TP-24	TC-FE TC-PE

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
OS-04	Not Yet Constructed *	5 and 8	Clean Coal Stockpile - maximum 25,000 tons capacity, 38,869 ft ² base area and 75' height - receives clean coal from belt BC-13, stores it and then underground feeders feed it onto BC-14 (see Railcar Loadout Circuit below) (* Permitted in 2010, but not yet constructed as of 2015)	---	5,956,000	SW-WS	B A	TP-24 TP-25	TC-PE LO-UC
Bandmill Prep Plant - Clean Stoker Coal									
BC-16	C 2009	5 and 8	36" Clean Stoker Coal Transfer Conveyor - receives clean stoker coal from the wet wash system and transfers it to BC-17	250	2,190,000	PE	B A	TP-39 TP-30	TC-WW TC-PE
BC-17	C 2009	5 and 8	36" Clean Stoker Coal Transfer Conveyor - receives clean stoker coal from BC-16 and transfers it to BS-04 or BC-18	250	2,190,000	PE	B A A	TP-30 TP-31 TP-32	TC-PE TC-FE TC-FE
BS-04	C 2004	5 and 6	Clean Stoker Coal Silo - 1,500 tons capacity - receives clean stoker coal from BC-17, stores it and then discharges it onto BC-19	---	2,190,000	FE	B A	TP-31 TP-37	TC-FE LO-UC
BC-18	Not Yet Constructed *	5 and 8	36" Clean Stoker Coal Conveyor - receives clean stoker coal from BC-17 transfers it to BS-05 and BS-06 (* Permitted in 2004, but not yet constructed as of 2015)	250	2,190,000	PE	B A A	TP-32 TP-33 TP-34	TC-FE TC-FE TC-FE
BS-05	C 2004	5 and 6	Clean Stoker Coal Silo - 2,500 tons capacity - receives clean stoker coal from BC-18, stores it and then discharges it onto BC-19	---	2,190,000	FE	B A	TP-33 TP-36	TC-FE LO-UC
BS-06	Not Yet Constructed *	5 and 8	Clean Stoker Coal Silo - 5,000 tons capacity - receives clean stoker coal from BC-18, stores it and then discharges it onto BC-19 (* Permitted in 2004, but not yet constructed as of 2015)	---	2,190,000	FE	B A	TP-34 TP-35	TC-FE LO-UC
BC-19	C 2009	5 and 8	60" Clean Stoker Coal Reclaim Conveyor - reclaims clean stoker coal from BS-04, BS-05 and BS-06 and transfers it to BC-15	1,500	2,190,000	FE	B B B A	TP-37 TP-36 TP-35 TP-38	LO-UC LO-UC LO-UC TC-FE
Rail Car Loadout Circuit									
BC-14	C 2009	5 and 8	72" Clean Coal Stockpile Reclaim Conveyor - receives direct ship coal from OS-02 and clean coal from OS-03 and OS-04 and transfers it to BC-15	3,500	10,950,000	FE	B B B A	TP-27 TP-26 TP-25 TP-28	LO-UC LO-UC LO-UC TC-FE
BC-15	C 2009	5 and 8	72" Clean Coal Loadout Conveyor - receives direct ship and clean coal from BC-14 and BC-19 and transfers it to BS-02	3,500	10,950,000	PE	B B A	TP-28 TP-38 TP-39	TC-FE TC-FE TC-FE
BS-02	C 2009	5 and 8	Loadout Bin - 420 tons capacity - receives direct ship and clean coal from belt BC-15 and then discharges it into BS-03	---	10,950,000	FE	B A	TP-39 TP-40	TC-FE TC-FE
BS-03	C 2009	5 and 8	Surge Bin - 120 tons capacity - receives direct ship and clean coal from BS-02 and transfers it to railcar through a telescopic chute	---	10,950,000	FE	B A	TP-40 TP-41	TC-FE LR-TC
Rock Refuse Circuit - from Crusher CR-01									
BC-28	C 2015	5 and 8	42" Rock Refuse Belt Conveyor - receives rock refuse from SS-01 and CR-01 and transfers it to BC-29	200	1,752,000	N	B A	TP-56 TP-57	TC-FE TC-PE
BC-29	C 2015	5 and 8	42" Rock Refuse Belt Conveyor - receives rock refuse from BC-28 and transfers it to BC-30	200	1,752,000	N	B A	TP-57 TP-58	TC-PE TC-PE
BC-30	C 2015	5 and 8	42" Rock Refuse Belt Conveyor - receives rock refuse from BC-29 and transfers it to BC-31	200	1,752,000	N	B A	TP-58 TP-59	TC-PE TC-PE
BC-31	C 2015	5 and 8	42" Rock Refuse Belt Conveyor - receives rock refuse from BC-31 and transfers it to BC-20 (see Bandmill Prep Plant - Refuse Circuit below)	200	1,752,000	FE	B A	TP-59 TP-60	TC-PE TC-PE
Bandmill Prep Plant - Refuse Circuit									
BC-20	C 2004	5 and 6	42" Plant Refuse Belt Conveyor - receives refuse from the wet wash system and BC-31 and transfers it to BC-21	650	5,694,000	PE	B B A	TP-42 TP-60 TP-43	TC-WW TC-PE 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
BC-21	C 2004	5 and 6	42" Refuse Transfer Belt Conveyor - receives refuse from BC-20 and transfers it to BC-22	650	5,694,000	PE	B A	TP-43 TP-44	TC-FE TC-FE
BC-22	C 2004	5 and 6	42" Refuse Transfer Belt Conveyor - receives refuse from BC-21 and transfers it to BC-23	650	5,694,000	PE	B A	TP-44 TP-45	TC-FE TC-PE
BC-23	C 2004	5 and 6	42" Refuse Transfer Belt Conveyor - receives refuse from BC-22 and transfers it to BC-24	650	5,694,000	N	B A	TP-45 TP-46	TC-PE TC-PE
BC-24	C 2004	5 and 6	42" Refuse Transfer Belt Conveyor - receives refuse from BC-23 and transfers it to BC-25	650	5,694,000	N	B A	TP-46 TP-47	TC-PE TC-PE
BC-25	C 2004	5 and 6	42" Refuse Transfer Belt Conveyor - receives refuse from BC-24 and transfers it to BC-26	650	5,694,000	N	B A	TP-47 TP-48	TC-PE TC-PE
BC-26	C 2004	5 and 6	42" Refuse Transfer Belt Conveyor - receives refuse from BC-25 and transfers it to BC-27	650	5,694,000	N	B A	TP-48 TP-49	TC-PE TC-PE
BC-27	C 2004	5 and 6	42" Refuse Transfer Belt Conveyor - receives refuse from BC-26 and transfers it to the refuse disposal area	650	5,694,000	N	B A	TP-49 TP-50	TC-PE TC-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 on or before April 28, 2008 shall not discharge gases which exhibit 20 percent opacity or greater. 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; TC - Telescopic Chute; UC - Under-pile Conveyor; MDH - Minimize Drop Height; C - No Control; and NA - Not Applicable.

Emission Limitations

- Facility-wide Emissions - Bandmill Coal Corporation Rum Creek Preparation Plant	Maximum Controlled PM Emissions		Maximum Controlled PM ₁₀ Emissions	
	lb/hour	TPY	lb/hour	TPY
Fugitive Emissions				
Open Storage Pile Emissions	0.21	0.93	0.10	0.44
Unpaved Haulroad Emissions	0.00	0.00	0.00	0.00
Paved Haulroad Emissions	46.43	203.41	9.06	39.67
<i>Fugitive Emissions Total</i>	<i>46.64</i>	<i>204.34</i>	<i>9.15</i>	<i>40.11</i>
Point Source Emissions				
Equipment Emissions	30.90	135.34	14.52	63.61
Transfer Point Emissions	9.41	27.34	4.45	12.93
<i>Point Source Emissions Total (PTE)</i>	<i>40.31</i>	<i>162.68</i>	<i>18.98</i>	<i>76.54</i>
FACILITY EMISSIONS TOTAL	86.95	367.02	28.13	116.65

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 (NO _x)		
		Carbon Monoxide (CO)		
		Volatile Organic Compounds (VOCs)		
		Sulfur Dioxide (SO ₂)		
		Particulate Matter (PM<10 microns)		
		Total HAPs		

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 JJJ?	Subject to Sections 9.1.4/9.2.1 (Catalytic Reduction Device)