



west virginia department of environmental protection

Division of Air Quality
601 57th Street SE
Charleston, WV 25304
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Jim Justice, Governor
Austin Caperton, Cabinet Secretary
www.dep.wv.gov

October 19, 2017

James I. Campbell, President
Greenbrier Minerals, LLC
4425 Anjean Road
Rupert, WV 25984

Re: Application Status: Approved
Greenbrier Minerals, LLC
Saunders Prep Plant
Registration Application G10-D103H
Plant ID No. 045-00131

Dear Mr. Campbell:

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-D103H 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 remains 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: James I. Campbell, jcampbell@coronadocoal.com
Leslie Lavender, leslie.lavender@coronadous.com
Donna Toler, donnatoler@suddenlink.net

West Virginia Department of Environmental Protection

Division of Air Quality

*Jim Justice
Governor*

*Austin Caperton
Cabinet Secretary*

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-D103H

Issued to:
Greenbrier Minerals, LLC
Saunders Preparation Plant
045-00131

A handwritten signature in blue ink, appearing to read "William F. Durham".

*William F. Durham
Director*

Effective: October 19, 2017

This Class II General Permit Registration will supersede and replace registration G10-D103H approved on March 31, 2017.

Facility Location: Saunders, Logan County, West Virginia
Mailing Address: 4425 Anjean Road, Rupert, WV 25984
Facility Description: 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: 441.28294 km • Northing: 4183.53679 km • NAD83 Zone 17N
Lat/Lon Coordinates: Latitude: 37.797317 • Longitude: -81.666944 • NAD83
Registration Type: Modification
Description of Change: Modification to do the following: add excess raw coal open storage pile OS-12; reduce the maximum annual throughput of the primary screen SS-01, which has not yet been constructed, from 7,884,000 TPY to 3,942,000 TPY; remove throughput of secondary crushing from crusher CR-02; and increase the maximum hourly operating rate for the preparation plant facility over existing belt conveyors BC-07 and BC-08 and through existing equipment SS-01, CR-02 and SS-02 from 900 TPH to 1,200 TPH.

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 III)
- Section 12 Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart JJJJ)

Emission Units

Equip-ment 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
Deep Mine Raw Coal Circuit									
BC-01	C 2008 ⁴	5 and 7	Belt Conveyor - transfers raw coal from the deep mine to BC-02	1,500	13,140,000	PE	B A	TP-01 TP-02	TC-FE TC-FE
BC-02	C 2008 ⁴	5 and 7	Belt Conveyor - transfers raw coal from BC-01 to BC-03 or Open Stockpile OS-01	1,500	13,140,000	PE	B A A	TP-02 TP-03 TP-04	TC-FE TC-PE TC-FE
OS-01	C 2008 ⁴	5 and 7	Raw Coal Stockpile with a Stacking Tube - maximum 25,000 ton capacity, 38,869 ft ² base area and 75' height - receives deep mine raw coal from BC-01 and underpile reclaim feeders drop to BC-07	1,500 in 1,200 out	13,140,000	WS	B A	TP-03 TP-13	TC-PE LO-UC
BC-03	C 2008 ⁴	5 and 7	Belt Conveyor - transfers deep mine raw coal from BC-02 to OS-02 or BC-04	1,500	13,140,000	PE	B A A	TP-04 TP-05 TP-06	TC-FE TC-PE TC-FE
OS-02	C 2008 ⁴	5 and 7	Raw Coal Stockpile with a Stacking Tube - maximum 25,000 ton capacity, 38,869 ft ² base area and 75' height - receives deep mine raw coal from BC-03 and underpile reclaim feeders drop to BC-07	1,500 in 1,200 out	13,140,000	WS	B A	TP-05 TP-14	TC-PE LO-UC
BC-04	C 2008 ⁴	5 and 7	Belt Conveyor - transfers deep mine raw coal from BC-03 to OS-03	1,500	13,140,000	PE	B A	TP-06 TP-07	TC-FE TC-PE
OS-03	C 2008 ⁴	5 and 7	Raw Coal Stockpile with a Stacking Tube - maximum 25,000 ton capacity, 38,869 ft ² base area and 75' height - receives deep mine raw coal from BC-04 and trucked direct ship coal from BC-06 (see Trucked Raw Coal Circuit) and underpile reclaim feeders drop to BC-07	800 in 1,200 out	13,140,000	WS	B B A	TP-07 TP-12 TP-15	TC-PE TC-PE LO-UC

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	M 2017 C 2008 ⁴	5 and 8	Belt Conveyor - transfers deep mine raw coal from OS-01 and OS-02 and trucked raw coal from OS-03 (see Trucked Raw Coal Circuit) to grizzly screen SS-01 (Modified in 2013 to decrease the throughputs from 1,500 TPH and 13,140,000 TPY to 900 TPH and 7,884,000 TPY)	1,200	7,884,000	FE	B B B A	TP-13 TP-14 TP-15 TP-16	LO-UC LO-UC LO-UC TC-FW
SS-01	M 2017 C 2008 ⁴	5 and 8	Single Deck Screen - raw coal from BC-07 is screened and then sent to crusher CR-02 (Modified in 2013 to decrease the throughputs from 1,200 TPH and 10,512,000 TPY to 900 TPH and 7,884,000 TPY)	1,200	3,942,000	FW	B A	TP-16 TP-17	TC-FW TC-FW
CR-02	M 2017 C 2008 ⁴	5 and 8	Double Roll Crusher - receives raw coal from SS-01, crushes it from 4"x0 to 2"x0, and then drops to BC-08 (Modified in 2013 to decrease the throughputs from 1,200 TPH and 10,512,000 TPY to 900 TPH and 7,884,000 TPY)	1,200	7,884,000	FW	B A	TP-17 TP-18	TC-FW TC-FW
BC-08	M 2017 C 2008 ⁴	5 and 8	Belt Conveyor - transfers raw coal from CR-02 into the prep plant building to SS-02 (Modified in 2013 to decrease the throughputs from 1,200 TPH and 10,512,000 TPY to 900 TPH and 7,884,000 TPY)	1,200	7,884,000	PE	B A	TP-18 TP-19	TC-FW TC-FW
SS-02	M 2017 C 2013	5 and 8	Double Deck Deslime Screen - raw coal from BC-08 is washed with water and screened and then sent to the wet wash circuit	1,200	7,884,000	FW	B A	TP-19 TP-69	TC-FW UL-MDH
Trucked Deep Mine Raw Coal Circuit									
BC-32	C 2017	5 and 8	Belt Conveyor - transfers raw coal from the deep mine to BC-33	1,200	4,380,000	PE	B A	TP-75 TP-76	TC-FE TC-FE
BC-33	C 2017	5 and 8	Belt Conveyor - transfers raw coal from BC-33 to OS-11	1,200	4,380,000	PE	B A	TP-76 TP-77	TC-FE TC-MDH
OS-11	C 2017	5 and 8	Raw Coal Stockpile with a Stacking Tube - maximum 20,000 ton capacity, 38,869 ft ² base area and 40' height - receives deep mine raw coal from BC-33 and a front-end loader loads it into trucks for transport to OS-12 or BS-01	1,200	4,380,000	WS	B A	TP-77 TP-78	TC-MDH LO-MDH
OS-12	C 2017	5 and 8	Excess Raw Coal Stockpile - maximum 10,000 ton capacity, 18,869 ft ² base area and 40' height - receives deep mine raw coal from trucks, stores it and then a front-end loader loads it back into trucks for transport to prep plant raw coal area	228	2,000,000	WS	B A	TP-79 TP-80 TP-81	TC-MDH LO-MDH UL-MDH
Trucked Raw Coal Circuit									
OS-09	C 2014	5 and 8	Raw Coal Open Storage Pile - maximum 20,000 ton capacity, 38,869 ft ² base area and 40' height - receives raw coal from trucks, stores it and then a front-end loader transfers it back to trucks for transport to BS-01	114	500,000	WS	B A	TP-69 TP-70 TP-71	UL-MDH LO-MDH UD-PW
BS-01	C 2008 ⁴	5 and 7	100 ton Truck Dump Bin - receives raw coal from trucks and drops to BC-05	800	7,008,000	PW	B B A	TP-08 TP-71 TP-09	UD-PW UD-PW TC-FE
BC-05	C 2008 ⁴	5 and 7	Belt Conveyor - transfers trucked raw coal from BS-01 to CR-01	800	7,008,000	PE	B A	TP-09 TP-10	TC-FE TC-FE
CR-01	C 2008 ⁴	5 and 7	MMD Crusher - receives trucked raw coal from BC-05, crushes it from 6"x0 to 2"x0 and then drops to BC-06	800	7,008,000	FW	B A	TP-10 TP-11	TC-FE TC-FW
BC-06	C 2008 ⁴	5 and 7	Belt Conveyor - transfers trucked raw coal from CR-01 to OS-03	800	7,008,000	PE	B A	TP-11 TP-12	TC-FW TC-PE
Direct Ship Coal Circuit									
OS-10	C 2014	5 and 8	Direct Ship/Clean Coal Open Storage Pile - maximum 20,000 ton capacity, 38,869 ft ² base area and 40' height - receives raw coal from trucks, stores it and then a front-end loader transfers it back to trucks for transport to BS-02	114	500,000	WS	B A A	TP-72 TP-73 TP-74	UL-MDH LO-MDH UD-PW
BS-02	C 2008 ⁴	5 and 7	100 ton Truck Dump Bin - receives direct ship coal from trucks and drops to BC-18	800	7,008,000	PW	B B A	TP-33 TP-74 TP-34	UD-PW UD-PW TC-FE
BC-18	C 2008 ⁴	5 and 7	Belt Conveyor - transfers trucked direct ship coal from BS-02 to CR-03	800	7,008,000	PE	B A	TP-34 TP-35	TC-FE TC-FE
CR-03	C 2008 ⁴	5 and 7	Double Roll Crusher - receives trucked direct ship coal from BC-18, crushes it from 6"x0 to 2"x0 and then drops to BC-19	800	7,008,000	FW	B A	TP-35 TP-36	TC-FE TC-FW

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-19	C 2008 ⁴	5 and 7	Belt Conveyor - transfers trucked direct ship coal from CR-03 to OS-07	800	7,008,000	PE	B A	TP-36 TP-37	TC-FW TC-MDH
OS-07	M 2013 C 2008 ⁴	5 and 8	Direct Ship Coal Stockpile with a Stacking Tube - maximum 25,000 ton capacity, 38,869 ft ² base area and 75' height - receives trucked direct ship coal from BC-19 or clean coal from BC-17 (see Clean Coal Circuit below) and underpile reclaim feeders drop to BC-21	1,550 in 3,500 out	7,008,000	WS	B B A	TP-37 TP-32 TP-38	TC-MDH TC-PE LO-UC
BC-21	M 2013 C 2008 ⁴	5 and 8	Belt Conveyor - transfers clean and direct ship coal from OS-07 to BC-22 (see Clean Coal Circuit below)	3,500	7,008,000	PE	B A	TP-38 TP-43	LO-UC TC-FE
Clean Coal Circuit									
CR-04	M 2013 C 2008 ⁴	5 and 8	Double Roll Crusher - receives oversized clean coal from the wet circuit, crushes it to 2"x0 then transfers to belt conveyor BC-09 (Constructed in 2008, but not permitted until 2010; Modified in 2013 to increase the throughputs from 300 TPH and 2,628,000 TPY to 373 TPH and 3,267,000 TPY)	373	3,267,000	FW	B A	TP-56 TP-57	TC-FW TC-FW
BC-09	C 2008 ⁴	5 and 7	Belt Conveyor - transfers clean coal from the prep plant wet wash circuit and CR-04 to BC-10 (Constructed in 2008, but not permitted until 2010)	750	6,570,000	PE	B B A	TP-20 TP-57 TP-21	TC-FW TC-FW TC-FE
BC-10	C 2008 ⁴	5 and 7	Belt Conveyor - transfers clean coal from BC-09 to BC-11	750	6,570,000	PE	B A	TP-21 TP-22	TC-FE TC-FE
BC-11	C 2008 ⁴	5 and 7	Belt Conveyor - transfers clean coal from BC-10 to BC-12	750	6,570,000	PE	B A	TP-22 TP-23	TC-FE TC-FE
BC-12	C 2008 ⁴	5 and 7	Belt Conveyor - transfers clean coal from BC-11 to BC-13	750	6,570,000	PE	B A	TP-23 TP-24	TC-FE TC-FE
BC-13	C 2008 ⁴	5 and 7	Belt Conveyor - transfers clean coal from BC-12 to BC-14	750	6,570,000	PE	B A	TP-24 TP-25	TC-FE TC-FE
BC-14	C 2008 ⁴	5 and 7	Belt Conveyor - transfers clean coal from BC-13 to OS-04 or BC-15	750	6,570,000	PE	B A A	TP-25 TP-26 TP-27	TC-FE TC-PE TC-FE
OS-04	C 2008 ⁴	5 and 7	Clean Coal Stockpile With Stacking Tube - maximum 25,000 ton capacity, 38,869 ft ² base area and 75' height - receives clean coal from BC-14 and underpile reclaim feeders drop to BC-20	750 in 3,500 out	6,570,000	WS	B A	TP-26 TP-39	TC-PE LO-UC
BC-15	C 2008 ⁴	5 and 7	Belt Conveyor - transfers clean coal from BC-14 to OS-05 or BC-16	750	6,570,000	PE	B A A	TP-27 TP-28 TP-29	TC-FE TC-PE TC-FE
OS-05	C 2008 ⁴	5 and 7	Clean Coal Stockpile with Stacking Tube - maximum 25,000 ton capacity, 38,869 ft ² base area and 75' height - receives clean coal from BC-15 and underpile reclaim feeders drop to BC-20	750 in 3,500 out	6,570,000	WS	B A	TP-28 TP-40	TC-PE LO-WC
BC-16	C 2008 ⁴	5 and 7	Belt Conveyor - transfers clean coal from BC-15 to OS-06 or BC-17	750	6,570,000	PE	B B A	TP-29 TP-30 TP-31	TC-FE TC-PE TC-FE
OS-06	C 2008 ⁴	5 and 7	Clean Coal Stockpile with Stacking Tube - maximum 25,000 ton capacity, 38,869 ft ² base area and 75' height - receives clean coal from BC-16 and underpile reclaim feeders drop to BC-20	750 in 3,500 out	6,570,000	WS	B A	TP-30 TP-41	TC-PE LO-UC
BC-17	C 2008 ⁴	5 and 7	Belt Conveyor - transfers clean coal from BC-16 to OS-07 (see Direct Ship Coal Circuit above)	750	6,570,000	PE	B A	TP-31 TP-32	TC-FE TC-PE
BC-20	C 2008 ⁴	5 and 7	Belt Conveyor - transfers clean coal from OS-04, OS-05, and OS-06 to BC-22	3,500	6,570,000	FE	B B B A	TP-39 TP-40 TP-41 TP-42	LO-UC LO-UC LO-UC TC-FE
BC-22	C 2008 ⁴	5 and 7	Belt Conveyor - transfers clean and direct ship coal from BC-20 and BC-21 (see Direct Ship Coal Circuit above) to BS-03	3,500	13,578,000	PE	B B A	TP-42 TP-43 TP-44	TC-FE TC-FE TC-FE
BS-03	C 2008 ⁴	5 and 7	400 ton Railcar Loadout Bin - receives clean and direct ship coal from BC-22 and drops to BS-04	3,500	13,578,000	FE	B A	TP-44 TP-45	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-04	C 2008 ⁴	5 and 7	220 ton Railcar Surge Bin - receives clean and direct ship coal from BS-03 and loads to rail cars through a telescopic chute	3,500	13,578,000	FE	B A	TP-45 TP-46	TC-FE LR-TC
Stoker Coal Circuit									
BC-26	M 2013 C 2008 ⁴	5 and 8	Belt Conveyor - transfers clean coal from wet circuit to open clean coal stoker stockpile OS-08 (Constructed in 2008, but not permitted until 2010; Modified in 2013 to increase the throughputs from 100 TPH and 876,000 TPY to 230 TPH and 2,014,000 TPY)	230	2,014,000	PE	B A	TP-58 TP-59	TC-FW TC-WS
OS-08	M 2013 C 2008 ⁴	5 and 8	Clean Coal Stoker Stockpile - maximum 1,000 ton capacity, 3,869 ft ² base area and 20' height - receives clean stoker coal from belt conveyor BC-26. Stoker coal is loaded out to truck. (Constructed in 2008, but not permitted until 2010; Modified in 2013 to increase the throughputs from 100 TPH and 876,000 TPY to 230 TPH and 2,014,000 TPY)	230	2,014,000	WS	B A	TP-59 TP-60	TC-WS LO-MDH
Refuse Circuit									
BC-23	C 2008 ⁴	5 and 7	Belt Conveyor - transfers filter cake refuse from the prep plant to BS-05	200	1,752,000	PE	B A	TP-47 TP-48	TC-FW TC-FE
BS-05	C 2008 ⁴	5 and 7	80 ton Filter Cake Refuse Truck Loadout Bin - receives filter cake refuse from BC-23 and loads to trucks for delivery to the disposal area	200	1,752,000	FE	B A	TP-48 TP-49 TP-50	TC-FE LO-MDH UL-MDH
BC-24	C 2008 ⁴	5 and 7	Belt Conveyor - transfers coarse refuse from the prep plant to BC-25	600	5,256,000	PE	B A	TP-51 TP-52	TC-FW TC-FE
BC-25	C 2008 ⁴	5 and 7	Belt Conveyor - transfers coarse refuse from BC-24 to BS-06	600	5,256,000	PE	B A	TP-52 TP-53	TC-FE TC-FE
BS-06	C 2008 ⁴	5 and 7	200 ton Refuse Truck Loadout Bin - receives refuse from BC-19 and loads to trucks for delivery to the disposal area or transfers to BC-27	600	5,256,000	FE	B A A	TP-53 TP-54 TP-55 TP-61	TC-FE LO-MDH UL-MDH TC-FE
BC-27	C 2012	5 and 8	Belt Conveyor - transfers refuse from bin BS-06 and transfers to belt BC-28	1,050	5,256,000	PE	B A	TP-61 TP-62	TC-FE TC-FE
BC-28	C 2012	5 and 8	Belt Conveyor - transfers refuse from belt BC-27 and transfers to belt BC-29	1,050	5,256,000	PE	B A	TP-62 TP-63	TC-FE TC-FE
BC-29	C 2012	5 and 8	Belt Conveyor - transfers refuse from belt BC-28 and transfers to belt BC-30	1,050	5,256,000	PE	B A	TP-63 TP-64	TC-FE TC-FE
BC-30	C 2012	5 and 8	Belt Conveyor - transfers refuse from belt BC-29 and transfers to belt BC-31	1,050	5,256,000	PE	B A	TP-64 TP-65	TC-FE TC-FE
BC-31	C 2012	5 and 8	Belt Conveyor - transfers refuse from belt BC-30 and transfers to refuse bin BS-07	1,050	5,256,000	PE	B A	TP-65 TP-66	TC-FE TC-FE
BS-07	C 2012	5 and 8	200 ton Refuse Truck Loadout Bin - receives refuse from BC-31 and loads to trucks for delivery to the disposal area	1,050	5,256,000	PE	B A	TP-66 TP-67 TP-68	TC-FE LO-MDH LO-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; TC - Telescopic Chute; UC - Under-pile Reclaim; MDH - Minimize Drop Height; and NC - No Control.

⁴ Constructed after April 28, 2008.

Emission Limitations

- New Facility-wide Emissions - Greenbrier Minerals, LLC Saunders Preparation Plant	Maximum Controlled PM Emissions		Maximum Controlled PM ₁₀ Emissions	
	lb/hour	TPY	lb/hour	TPY
Fugitive Emissions				
Open Storage Pile Emissions	0.49	2.16	0.23	1.02
Unpaved Haulroad Emissions	355.82	1,559.82	102.83	450.80
Paved Haulroad Emissions	4.32	18.91	0.83	3.64
<i>Fugitive Emissions Total</i>	<i>360.63</i>	<i>1,580.89</i>	<i>103.90</i>	<i>455.46</i>
Point Source Emissions				
Equipment Emissions	30.35	84.30	14.26	39.62
Transfer Point Emissions	18.13	51.75	8.58	24.48
<i>Point Source Emissions Total (PTE)</i>	<i>48.48</i>	<i>136.04</i>	<i>22.84</i>	<i>64.09</i>
FACILITY EMISSIONS TOTAL				
	409.11	1,716.94	126.74	519.55

Control Devices - Not Applicable

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

Engines - Not Applicable

Source ID No.	Emission Source ID No.	Pollutant	Maximum Emissions	
			lb/hour	TPY
		Nitrogen Oxides (NO _x)		
		Carbon Monoxide (CO)		
		Volatile Organic Compounds (VOC)		
		Formaldehyde		

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)