



west virginia department of environmental protection

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

March 16, 2016

CERTIFIED MAIL
7199 9991 7034 1382 2817

Kenneth Williams, Authorized Agent
Marfork Coal Company, Inc.
PO Box 457
Whitesville, WV 25209

Re: Application Status: Approved
Marfork Coal Company, Inc.
Marfork Prep Plant
Registration Application G10-D145C
Plant ID No. 081-00078

Dear Mr. Williams:

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-D145C 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.

West Virginia Department of Environmental Protection

Division of Air Quality

Earl Ray Tomblin
Governor

Randy C. Huffman
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-D145C

Issued to:

Marfork Coal Company, Inc.

Marfork Prep Plant

081-00078

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

William F. Durham
Director

Effective: March 16, 2016

This Class II General Permit Registration will supersede and replace registration G10-D145B approved on September 3, 2014.

Facility Location: Pettus, Raleigh County, West Virginia
Mailing Address: PO Box 457, Whitesville, WV 25209
Facility Description: Wet Wash Coal Preparation Plant
SIC Codes: 1221 (Bituminous Coal & Lignite - Surface)
1222 (Bituminous Coal & Lignite - Underground)
NAICS Codes: 212111 (Bituminous Coal and Lignite Surface Mining)
212112 (Bituminous Coal Underground Mining)
UTM Coordinates: Easting: 454.7512 km • Northing: 4199.9610 km • Zone 17
Lat/Lon Coordinates: Latitude: 37.946111 • Longitude: -81.515000 • NAD83
Registration Type: Modification
Description of Change: Modification to do the following: add five refuse belt conveyors (BC-37, BC-38, BC-39, BC-40 and BC-41) with maximum throughput rates of 1,500 TPH and 6,000,000 TPY; add three raw coal belt conveyors (BC42, BC-43 and BC-44) with maximum throughput rates of 2,000 TPH and 2,000,000 TPY; change the maximum throughput rates for conveyor BC-01 from 6,000 TPH and 2,000,000 TPY to 4,000 TPH and 4,000,000 TPY; decrease the maximum throughput rates for conveyors BC-04 thru BC-08 from 2,400 TPH and 4,000,000 TPY to 1,000 TPH and 1,000,000 TPY; decrease the maximum annual throughput rate for conveyor BC-09 from 4,000,000 TPY to 3,000,000 TPY; increase the maximum hourly throughput rate for conveyors BC-22 thru BC-34 and BC-36 from 1,350 TPH to 1,500 TPH.

Subject to 40CFR60 Subpart Y? Yes
Subject to 40CFR60 Subpart III? No
Subject to 40CFR60 Subpart JJJ? 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 JJJ)

Emission Units

Equipment ID No.	Date of Construction, Reconstruction or Modification ¹	G10-D Applicable Sections ²	Emission Unit Description	Maximum Permitted Throughput		Control Equipment ³	Associated Transfer Points		
				TPH	TPY		Location: B -Before A -After	ID No.	Control Equipment ³
Raw Coal Circuit									
BC-01	M 2016 C 1994	5 and 8	Belt Conveyor - receives raw coal from Brushy Eagle (Coon Eagle) mine and transfers it to BC-42 or onto OS-01	4,000	4,000,000	PE	A A	TP-01 TP-83	TC-PE TC-FE
OS-01	M 2016 C 1994	5 and 8	Coon Eagle Mine Raw Coal Stockpile - maximum 40,000 tons capacity, 88,869 ft ² base area and 75' height - receives raw coal from BC-01, stores it and then it is reclaimed underpile onto BC-10. Overflow is pushed to OS-02 (see below) by dozer.	----	4,000,000	SW-WS	B A	TP-01 TP-16	TC-PE LO-UC
BC-42	C 2016	5 and 8	Belt Conveyor - receives raw coal from BC-01 and transfers it to BC-43 or BC-44	2,000	2,000,000	PE	B A A	TP-83 TP-84 TP-86	TC-FE TC-FE TC-FE
BC-43	C 2016	5 and 8	Belt Conveyor - receives raw coal from BC-42 and transfers it to OS-02 (see below)	2,000	2,000,000	PE	B A	TP-84 TP-85	TC-FE TC-PE
OS-02	M 2016 C 1994	5 and 8	Coon Eagle Mine Raw Coal Stockpile - maximum 40,000 tons capacity, 88,869 ft ² base area and 75' height - receives raw coal from OS-01 by dozer and BC-43, stores it and then it is reclaimed underpile onto BC-10 (see below)	----	3,000,000	SW-WS	B B A	TP-02 TP-85 TP-15	TC-MDH TC-PE LO-UC
BC-44	C 2016	5 and 8	Belt Conveyor - receives raw coal from BC-42 and transfers it to BC-09 through a structure formerly used as a truck dump bin, but is now a transfer point (see below)	2,000	2,000,000	PE	B A	TP-86 TP-87	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 Equipment ³	Associated Transfer Points		
				TPH	TPY		Location: B -Before A -After	ID No.	Control Equipment ³
BC-02	C 1994	5 and 6	Coon Cedar Mine Belt Conveyor - receives raw coal from Coon Cedar mine and transfers it onto OS-03 (see below)	1,500	4,000,000	PE	A	TP-03	TC-PE
BS-01	C 2011	5 and 8	Truck Dump Bin - maximum 100 tons capacity - receives raw coal from trucks and transfers it to BC-03	100	2,000,000	PW	B A	TP-04 TP-05	UD-PW TC-FE
BC-03	C 1994	5 and 6	Belt Conveyor - receives raw coal from BS-01 and transfers it onto OS-03	2,400	2,000,000	PE	B A	TP-05 TP-06	TC-FE TC-PE
OS-03	C 1994	5 and 6	Cedar Coon Mine Raw Coal Stockpile - maximum 40,000 tons capacity, 88,869 ft ² base area and 75' height - receives raw coal from BC-02 and BS-01 via BC-03, stores it and then it is reclaimed underpile onto BC-10 (see below)	----	4,000,000	SW-WS	B A	TP-06 TP-14	TC-PE LO-UC
BC-04	C 2004	5 and 6	Belt Conveyor - receives raw coal from Low Gap mine and transfers it to BC-05	1,000	1,000,000	PE	A	TP-07	TC-FE
BC-05	C 2004	5 and 6	Belt Conveyor - receives raw coal from Low Gap mine and BC-04 and transfers it to BC-06	1,000	1,000,000	PE	A	TP-08	TC-FE
BC-06	C 2004	5 and 6	Belt Conveyor - receives raw coal from Low Gap mine and BC-05 and transfers it to BC-07	1,000	1,000,000	PE	A	TP-09	TC-PE
BC-07	C 2004	5 and 6	Belt Conveyor - receives raw coal from Low Gap mine and BC-06 and transfers it to BC-08	1,000	1,000,000	PE	A	TP-10	TC-FE
BC-08	C 2004	5 and 6	Belt Conveyor - receives raw coal from BC-07 and transfers it to BC-09 through a structure formerly used as a truck dump bin, but is now a transfer point	1,000	1,000,000	PE	B A	TP-10 TP-11	TC-FE TC-FE
BC-09	C 2004	5 and 6	Belt Conveyor - receives raw coal from BC-08 and BC-44 and transfers it to OS-04	2,400	3,000,000	PE	B B A	TP-11 TP-87 TP-12	TC-FE TC-FE TC-PE
OS-04	C 1994	5 and 6	Low Gap Mine Raw Coal Stockpile - maximum 40,000 tons capacity, 88,869 ft ² base area and 75' height - receives raw coal from BC-09, stores it and then it is reclaimed underpile onto BC-10	----	3,000,000	SW-WS	B A	TP-12 TP-13	TC-PE LO-UC
BC-10	M 2013 C 1994	5 and 8	Underpile Conveyor - receives raw coal from OS-01, OS-02, OS-03 and OS-04 and transfers it to BC-11	2,500	12,000,000	PE	B B B A	TP-13 TP-14 TP-15 TP-16 TP-17	LO-UC LO-UC LO-UC LO-UC TC-FE
BC-11	M 2013 C 1994	5 and 8	Belt Conveyor - receives raw coal from BC-10 and transfers it to SS-01	2,500	12,000,000	PE	B A	TP-17 TP-18	TC-FE TC-FW
SS-01	M 2013 C 1995	5 and 8	10 x 20 Single Deck Scalping Screen - receives raw coal from BC-11, classifies it and screened coal drops onto BC-12 while oversize material drops to CR-01 (see Refuse Circuit below)	2,500	12,000,000	FW	B A A	TP-18 TP-21 TP-19	TC-FW TC-FW TC-FW
BC-12	M 2013 C 1994	5 and 8	Plant Feed Conveyor - receives screened coal from SS-01 and transfers it into the preparation plant to the wet wash circuit	2,500	12,000,000	PE	B A	TP-21 TP-22	TC-FW TC-FW
Prep Plant Clean Coal Circuit									
BC-13	C 1994	5 and 6	Belt Conveyor - receives clean Middlings coal from the wet wash circuit and transfers it to BC-16 (see below)	1,200	3,300,000	PE	B A	TP-23 TP-24	TC-FW TC-PE
CR-02	C 1994	5 and 6	Clean Coal Crusher - receives oversize clean coal from the wet wash circuit, crushes it and then drops it onto BC-14	400	3,504,000	FW	B A	TP-25 TP-26	TC-FW TC-FW
BC-14	C 1994	5 and 6	Belt Conveyor - receives crushed clean coal from CR-02 and the wet wash circuit and transfers it to BC-15	1,200	6,600,000	PE	B B A	TP-26 TP-27 TP-28	TC-FW TC-FW TC-PE
BC-15	C 1994	5 and 6	Belt Conveyor - receives clean coal from BC-14 and transfers it to BC-16	1,200	6,600,000	PE	B A	TP-28 TP-29	TC-PE TC-PE

Equipment ID No.	Date of Construction, Reconstruction or Modification ¹	G10-D Applicable Sections ²	Emission Unit Description	Maximum Permitted Throughput		Control Equipment ³	Associated Transfer Points		
				TPH	TPY		Location: B -Before A -After	ID No.	Control Equipment ³
BC-16	C 1994	5 and 6	Belt Conveyor - receives clean coal from BC-13 and BC-15 and direct ship coal from BC-21 and transfers it onto OS-05, OS-06, OS-07, OS-08 or to BC-17	1,200	7,600,000	PE	B B B A A A A A	TP-24 TP-29 TP-44 TP-30 TP-31 TP-32 TP-33 TP-34	TC-PE TC-PE TC-PE TC-PE TC-PE TC-PE TC-PE TC-PE
BC-17	C 1994	5 and 6	Belt Conveyor - receives clean coal from BC-16 and transfers it to OS-09 or BC-18	1,200	2,200,000	PE	B A A	TP-34 TP-35 TP-36	TC-PE TC-PE TC-PE
BC-18	C 1994	5 and 6	Belt Conveyor - receives clean coal from BC-17 and transfers is to OS-10	1,200	1,100,000	PE	B A	TP-36 TP-37	TC-PE TC-PE
OS-05	C 1994	5 and 6	Clean Coal Stockpile - maximum 40,000 tons capacity, 88,869 ft ² base area and 75' height - receives clean coal from BC-16, stores it and then it is reclaimed underpile onto BC-19	2,500	1,100,000	SW-WS	B A	TP-30 TP-45	TC-PE LO-UC
OS-06	C 1994	5 and 6	Clean Coal Stockpile - maximum 40,000 tons capacity, 88,869 ft ² base area and 75' height - receives clean coal from BC-16, stores it and then it is reclaimed underpile onto BC-19	2,500	1,100,000	SW-WS	B A	TP-31 TP-46	TC-PE LO-UC
OS-07	C 1994	5 and 6	Clean Coal Stockpile - maximum 40,000 tons capacity, 88,869 ft ² base area and 75' height - receives clean coal from BC-16 and direct ship coal from BC-21, stores it and then it is reclaimed underpile onto BC-19	2,500	2,100,000	SW-WS	B A	TP-32 TP-47	TC-PE LO-UC
OS-08	C 1994	5 and 6	Clean Coal Stockpile - maximum 40,000 tons capacity, 88,869 ft ² base area and 75' height - receives clean coal from BC-16, stores it and then it is reclaimed underpile onto BC-19	2,500	1,100,000	SW-WS	B A	TP-33 TP-48	TC-PE LO-UC
OS-09	C 1994	5 and 6	Clean Coal Stockpile - maximum 40,000 tons capacity, 88,869 ft ² base area and 75' height - receives clean coal from BC-17, stores it and then it is reclaimed underpile onto BC-19	2,500	1,100,000	SW-WS	B A	TP-35 TP-49	TC-PE LO-UC
OS-10	C 1994	5 and 6	Clean Coal Stockpile - maximum 40,000 tons capacity, 88,869 ft ² base area and 75' height - receives clean coal from BC-18, stores it and then it is reclaimed underpile onto BC-19	2,500	1,100,000	SW-WS	B A	TP-37 TP-50	TC-PE LO-UC
BC-19	C 1994	5 and 6	Clean Coal Reclaim Conveyor - receives clean coal underpile OS-05, OS-06, OS-07, OS-08, OS-09 and OS-10 and transfers it to BS-02	4,500	7,600,000	PE	B B B B B A	TP-45 TP-46 TP-47 TP-48 TP-49 TP-50 TP-51	LO-UC LO-UC LO-UC LO-UC LO-UC LO-UC TC-FE
BS-02	C 1994	5 and 6	Train Loadout Bin - maximum 150 tons capacity - receives clean coal for shipment from BC-19 and loads it into railcars	---	7,600,000	FE	B A	TP-51 TP-52	TC-FE LR-TC
Pit-Cleaned Direct Ship Circuit									
BS-03	C 2011	5 and 8	Truck Dump - maximum 100 tons capacity - receives direct ship coal from trucks and feeds it into CR-03	---	1,000,000	PW	B A	TP-38 TP-39	UD-PW TC-FW
CR-03	C 2011	5 and 8	Pick Breaker - receives direct ship coal from BS-03, breaks it and then drops it onto BC-20	800	1,000,000	FW	B A	TP-39 TP-40	TC-FW TC-FW
BC-20	C 2011	5 and 8	Transfer Conveyor - receives sized direct ship coal from CR-03 and transfers it to CR-04	800	1,000,000	PE	B A	TP-40 TP-41	TC-FW TC-FW
CR-04	C 2011	5 and 8	Secondary Crusher - receives sized direct ship coal from BC-20, crushes it and then drops it onto BC-21	800	1,000,000	FW	B A	TP-41 TP-42	TC-FW TC-FW
BC-21	C 2011	5 and 8	Direct Ship Feed Conveyor - receives crushed direct ship coal from CR-04 and transfers it onto OS-07 or BC-16 (see above)	800	1,000,000	PE	B A A	TP-42 TP-43 TP-44	TC-FW TC-PE TC-PE
Refuse Circuit									

Coal Preparation Plants and Coal Handling Operations

Equipment ID No.	Date of Construction, Reconstruction or Modification ¹	G10-D Applicable Sections ²	Emission Unit Description	Maximum Permitted Throughput		Control Equipment ³	Associated Transfer Points		
				TPH	TPY		Location: B -Before A -After	ID No.	Control Equipment ³
CR-01	C 1994	5 and 6	Refuse Crusher - receives refuse from SS-01, crushes the material and then drops it onto BC-22	630	1,200,000	FE	B A	TC-19 TP-20	TC-FW TC-FE
BC-22	M 2016 C 1994	5 and 8	Refuse Conveyor - receives refuse from the wet wash circuit and CR-01 and transfers it to BC-23	1,500	6,000,000	PE	B B A	TP-53 TP-20 TP-54	TC-FW TC-FE TC-PE
BC-23	M 2016 C 1994	5 and 8	Refuse Conveyor - receives refuse from BC-22 and transfers it to BC-24	1,500	6,000,000	PE	B A	TP-54 TP-55	TC-PE TC-PE
OS-11	C 1997	5 and 6	Limestone Sand/Gravel Stockpile - maximum 500 tons capacity, 1,000 ft ² base area and 20' height - receives limestone sand/gravel from trucks, stores it and then it is transferred via a front endloader into BS-05	----	20,000	SW-WS	B A	TP-70 TP-71	UL-MDH TC-PW
BS-05	C 1997	5 and 6	Limestone Sand/Gravel Feed Bin - maximum 50 tons capacity - receives limestone sand/gravel from a front endloader and drops it onto BC-24	----	20,000	PW	B A	TP-71 TP-72	TC-PW TC-PE
BC-24	M 2016 C 1994	5 and 8	Refuse Conveyor - receives refuse from BC-23 and limestone sand/gravel from BS-05 for neutralization then transfers it to BS-04 or BC-25 (see below)	1,500	6,000,000	PE	B B A A	TP-55 TP-72 TP-56 TP-59	TC-PE TC-PE TC-PE TC-PE
BS-04	C 1997	5 and 6	Refuse Bin - maximum 300 tons capacity - receives refuse from BC-24 on an infrequent basis, stores it and then loads it to truck for transport and disposal in the Low Gap area	---	1,000,000	FE	B A	TP-56 TP-57	TC-PE TC-MDH
BS-06 ⁴	C 2001 ⁴	5 and 6	Refuse Bin - maximum 30 tons capacity - received refuse material from front endloader and transfers it to BC-35	---	20,000	PW	B A	TP-73 TP-74	UL-MDH TC-FE
BC-35 ⁴	C 2001 ⁴	5 and 6	Refuse Conveyor - received refuse material from BS-06 and transfers it to BC-25	10	20,000	PE	B A	TP-74 TP-75	TC-FE TC-PE
BC-25	M 2016 C 1997	5 and 8	Refuse Conveyor - receives refuse from BC-24 and BC-35 and transfers it to BC-26 or BC-37 (see below)	1,500	6,000,000	PE	B B A A	TP-59 TP-75 TP-60 TP-77	TC-PE TC-PE TC-PE TC-PE
BC-26	M 2016 C 1997	5 and 8	Refuse Conveyor - receives refuse from BC-25 and transfers it to BC-27	1,500	6,000,000	PE	B A	TP-60 TP-61	TC-PE TC-PE
BC-27	M 2016 C 1997	5 and 8	Refuse Conveyor - receives refuse from BC-26 and transfers it to BC-28	1,500	6,000,000	PE	B A	TP-61 TP-62	TC-PE TC-PE
BC-28	M 2016 C 1997	5 and 8	Refuse Conveyor - receives refuse from BC-27 and transfers it to BC-29	1,500	6,000,000	PE	B A	TP-62 TP-63	TC-PE TC-PE
BC-29	M 2016 C 1997	5 and 8	Refuse Conveyor - receives refuse from BC-28 and transfers it to BC-30	1,500	6,000,000	PE	B A	TP-63 TP-64	TC-PE TC-PE
BC-30	M 2016 C 1997	5 and 8	Refuse Conveyor - receives refuse from BC-29 and transfers it to BC-31 through a structure formerly used as a refuse bin, but is now a transfer point	1,500	6,000,000	PE	B A	TP-64 TP-65	TC-PE TC-PE
BC-31	M 2016 C 1997	5 and 8	Refuse Conveyor - receives refuse from BC-30 and transfers it to BC-32	1,500	6,000,000	PE	B A	TP-65 TP-66	TC-PE TC-PE
BC-32	M 2016 C 1997	5 and 8	Refuse Conveyor - receives refuse from BC-31 and transfers it to BC-33	1,500	6,000,000	PE	B A	TP-66 TP-67	TC-PE TC-MDH
BC-33	M 2016 C 1997	5 and 8	Refuse Conveyor - receives refuse from BC-32 and transfers it to BC-34	1,500	6,000,000	N	B A	TP-67 TP-68	TC-MDH TC-MDH
BC-34	M 2016 C 1997	5 and 8	Refuse Conveyor - receives refuse from BC-33 and transfers it to BC-36	1,500	6,000,000	N	B A	TP-68 TP-69	TC-MDH TC-MDH
BC-36	M 2016 C 2014	5 and 8	Refuse Conveyor - receives refuse from BC-34 and transfers it to the ground in the refuse disposal area	1,500	6,000,000	N	B A	TP-69 TP-76	TC-MDH TC-MDH
BC-37	C 2016	5 and 8	Refuse Conveyor - receives refuse from BC-25 (see above) and transfers it to BC-38	1,500	6,000,000	PE	B A	TP-77 TP-78	TC-PE TC-PE
BC-38	C 2016	5 and 8	Refuse Conveyor - receives refuse from BC-37 and transfers it to BC-39	1,500	6,000,000	PE	B A	TP-78 TP-79	TC-PE TC-PE
BC-39	C 2016	5 and 8	Refuse Conveyor - receives refuse from BC-38 and transfers it to BC-40	1,500	6,000,000	PE	B A	TP-79 TP-80	TC-PE TC-PE
BC-40	C 2016	5 and 8	Refuse Conveyor - receives refuse from BC-39 and transfers it to BC-41	1,500	6,000,000	PE	B A	TP-80 TP-81	TC-PE TC-PE

Equipment ID No.	Date of Construction, Reconstruction or Modification ¹	G10-D Applicable Sections ²	Emission Unit Description	Maximum Permitted Throughput		Control Equipment ³	Associated Transfer Points		
				TPH	TPY		Location: B -Before A -After	ID No.	Control Equipment ³
BC-41	C 2016	5 and 8	Refuse Conveyor - receives refuse from BC-40 and transfers it to the ground in the refuse disposal area	1,500	6,000,000	PE	B A	TP-81 TP-82	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.

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 (full enclosure); MDH - Minimize Drop Height; and N - No Control.

⁴ Dump bin BS-06 and belt conveyor BC-35 are currently out of service and would require a great deal of mechanical work to restore, but has been included in the registration for operational flexibility.

Emission Limitations

Facility-wide Emissions - G10-D145C Marfork Coal Company, Inc. Marfork Prep Plant	Maximum Controlled PM Emissions		Maximum Controlled PM ₁₀ Emissions	
	lb/hour	TPY	lb/hour	TPY
Fugitive Emissions				
Open Storage Pile Emissions	1.27	5.54	0.60	2.61
Unpaved Haulroad Emissions	31.75	139.23	9.17	40.24
Paved Haulroad Emissions	6.53	28.66	1.27	5.56
<i>Fugitive Emissions Total</i>	<i>39.55</i>	<i>173.43</i>	<i>11.04</i>	<i>48.41</i>
Point Source Emissions				
Equipment Emissions	34.72	69.90	16.32	32.85
Transfer Point Emissions	21.42	22.28	10.13	10.54
<i>Point Source Emissions Total (PTE)</i>	<i>56.14</i>	<i>92.19</i>	<i>26.45</i>	<i>43.39</i>
FACILITY EMISSIONS TOTAL	95.69	265.62	37.49	91.80

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)