West Virginia Department of Environmental Protection
Division of Air Quality

Earl Ray Tomblin
Governor

Randy C. Huffman
Cabinet Secretary

Permit to Modify

R13-0718E

This permit is issued in accordance with the West Virginia Air Pollution Control Act (West Virginia Code §§ 22-5-1 et seq.) and 45 C.S.R. 13 — Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permits, General Permits and Procedures for Evaluation. 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 this permit.

Issued to:

Consolidation Coal Company
Blacksville No. 2 Preparation Plant
061-00016

William F. Durham
Director

Issued: D - R - A - F - T • Effective: D - R - A - F - T 12/8/14

This permit will supercede and replace Permit R13-0718D approved on July 13, 2011.

Facility Location:	Wana, Monongalia County, West Virginia
Mailing Address:	46226 National Road W, St. Clairsville, OH 43950
Facility Description:	Coal Preparation Plant with a Thermal Dryer
SIC Codes:	1222 (Bituminous Coal & Lignite - Underground)
NAICS Codes:	212112 (Bituminous Coal Underground Mining)
UTM Coordinates:	560.47 km Easting • 4395.78 km Northing • Zone 17
Lat/Lon Coordinates:	Latitude 39.709742 • Longitude -80.294567 • NAD83
Permit Type:	Modification
Description of Change:	Modification to add conveyor belt CB19A and batch weigh loadout bin BWL and their associated transfer points TP-19A and TP-19B which are rated for 3,500 TPH and 9,286,914 TPY.

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.

The source is subject to 45CSR30. Changes authorized by this permit must also be incorporated into the facility's Title V operating permit. Commencement of the operations authorized by this permit shall be determined by the appropriate timing limitations associated with Title V permit revisions per 45CSR30.

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1.0 Emission Units

Source ID	Emission Point ID	Equipment Description	Maximum Design Capacity		Date of Construction, Reconstruction or Modification [1]	Fugitive Control System/ Device [2]	Control Device ID	Associated Emission Points		
			TPH	TPY x 10^6				ID No.	Transfer Description	Fugitive Control System/ Device [2]
RAW COAL CIRCUIT										
001B	Z01	**Screen 1** – Screening of run of mine raw coal at mine's skip shaft	1,800	10.0	M 2006 C 2000	FE	NA	001	Raw coal from mine to Screen/Crusher Unit	FE
								002	Screened/crushed coal to Conveyor CB1	FE
001A	Z01	**Crusher 1** – Crushing of run of mine raw coal at mine's skip shaft	1,800	10.0	M 2006 C 2000	FE	NA	001	Raw coal from mine to Screen/Crusher Unit	FE
								002	Screened/crushed coal to Conveyor CB1	FE
003	Z01	**Conveyor CB1** - Belt from Screen/Crusher Building to Conveyor CB2 in Raw Coal (RC) Transfer Building	1,800	10.0	M 2006 C 2000	PE	NA	004	Raw coal (RC) from Conveyor CB1 to Conveyor CB2 or Run of Mine Bin	FE
007A		**Run of Mine Bin** - receives raw coal from Conveyor CB1 and loads it to truck/pan - 300 ton capacity	1,800	10.0	M 2006	FE	NA	027	Raw Coal (RC) from Run of Mine Bin to truck/pan for transport to stockpiles	N
005	Z01	**Conveyor CB2** - Belt from RC Transfer Building to Run of Mine Silo 1	1,800	10.0	M 2006 C 2000	PE	NA	006	RC from Conveyor CB2 to Run of Mine Silo 1 load-in	FE
007	Z01	**Run of Mine Silo 1 -** (Capacity 6,000 tons)	1,800 in 1,500 out	10.0	M 2006 C 1970	FE	NA	007A	Run of Mine Silo 1 reclaim to Conveyor CB15	PE
047	Z01	**Conveyor CB15 -** Belt from pan/truck dump reclaim feeder and Run of Mine Silo 1 to Conveyor CB3 (plant feed) or Conveyor CB7	1,500	1.24	2000	PE	NA	031	Stockpile reclaim to Conveyor CB15	N
								047A	Transfer from Conveyor CB15 to Conveyor CB3 or Conveyor CB7	FE
008	Z01	**Conveyor CB3 -** Belt from Conveyor CB15 to Preparation Plant	1,500	10.0	2000	PE	NA	008A	RC from Conveyor CB3 to Preparation Plant	FE
016	Z01	**Conveyor CB7 -** Belt from Conveyor **CB**15 to Conveyor **CB**8 (see Clean Coal Circuit)	1,500	6.0	1970	PE	NA	016A	RC from Conveyor CB7 to Conveyor CB8	PE
055	Z01	**Conveyor CB16 -** Belt from Clean/Raw Coal Stockpile 1 reclaim feeder to Preparation Plant	1,500	1.3	1996	PE	NA	055A	Clean/Raw Coal Stockpile reclaim feeder to Conveyor CB16	N
STOCKPILES										
029	Z01	**Clean/Raw Coal Stockpile 1** - Stockpile footprint is 13 acres with a storage capacity of approximately 900,000 tons.	NA	2.0	2000	MC	NA	028	CC/RC Stockpile 1 coal loadin from pan	MC
								030	CC/RC Stockpile 1 coal loadout to pan	MC
039	Z01	**Raw Coal Stockpile 1 -** Stockpile footprint is 9.9 acres with a storage capacity of approximately 480,000 tons.	NA	1.0	1990	MC	NA	040	RC Stockpile 1 coal loadin from pan	MC
								041	RC Stockpile 1 coal loadout to pan	MC
								041A	Grading RC Stockpile 1	MC
042	Z01	**Raw Coal Stockpile 2 -** Stockpile footprint is 3.3 acres with a storage capacity of approximately 90,000 tons.	NA	0.2	1990	MC	NA	043	RC Stockpile 2 coal loadin from pan	MC
								044	RC Stockpile 2 coal loadout to pan	MC

Source ID	Emission Point ID	Equipment Description	Maximum Design Capacity		Date of Construction, Reconstruction or Modification [1]	Fugitive Control System/ Device [2]	Control Device ID	Associated Emission Points		
			TPH	TPY x 10^6				ID No.	Transfer Description	Fugitive Control System/ Device [2]
								044A	Grading RC Stockpile 2	MC
THERMAL DRYER CIRCUIT										
033	Z01	**Conveyor CB11 -** Belt from Preparation Plant to Conveyor CB13 in Thermal Dryer Transfer Building	650	4.2	2000	PE	NA	035A	Wet coal from Conveyor CB11 to Conveyor CB13 (feed to thermal dryer)	FE
								035B	Wet coal from Conveyor CB11 to Conveyor CB12 (by-pass of thermal dryer)	FE
036	Z01	**Conveyor CB13 -** Belt from Conveyor CB11 in Thermal Dryer Transfer Building to Thermal Dryer	650	4.2	1984	PE	NA	036A	Wet coal from Conveyor CB13 to Thermal Dryer	FE
037C	P002	**Thermal Dryer** Manufacture: Heyl-Patterson Type: Fluidized Bed Dryer Furnace Manufacturer: Bigelow – Liptak with a single forced draft burner. Design BTU Rating: 115 x 10^6 Btu/hr. Max operation of 5,850 hours/year	650	4.2	1984	Cyclones (4 parallel cyclone collectors)	Cyclones	035C	Dried Coal from Thermal Dryer to Conveyor CB14	FE
						Scrubber (Horizontal Venturi Scrubber)	Scrubber			
038	Z01	**Conveyor CB14 -** Belt from Thermal Dryer to Conveyor CB12 in Thermal Dryer Transfer Building	650	4.2	1984	PE	NA	035D	Dried coal from Conveyor CB14 to Conveyor CB12	FE
034	Z01	**Conveyor CB12 -** Belt from Conveyor CB14 in Thermal Dryer Transfer Building to Preparation Plant	650	4.2	2000	PE	NA	034A	Conveyor CB12 to Conveyor CB6 within the Preparation Plant	PE
CLEAN COAL CIRCUIT										
010	Z01	**Conveyor CB4 -** Belt from Preparation Plant to Clean Coal (CC) Silo 1 or Sample Conveyor CB19	1,500	4.18	2000	PE	NA	011	CC from Conveyor CB4 to Clean Coal Silo 1	FE
								STP1	CC from Conveyor CB4 to Conveyor CB19	PE
013	Z01	**Conveyor CB6 -** Belt from Preparation Plant to Clean Coal (CC) Silo 2 or Sample Conveyor CB19	1,500	3.42	2000	PE	NA	014	CC from Conveyor CB6 to Clean Coal Silo 2	FE
								STP2	CC from Conveyor CB6 to Sample Conveyor CB19	PE
CB19	CB19	**Sample Conveyor CB19 -** Sample Belt from Conveyor CB4 and CB6 (see below) to Sample Crusher CR1	5	0.0438	C 1989	PE	NA	STP3	CC from Sample Conveyor CB19 to Sample Crusher CR1	PE
CR1	CR1	**Sample Crusher CR1** - crushes CC from Sample Conveyor CB19	5	0.0438	C 1989	FE	NA	STP4	CC from Sample Crusher CR1 to Sample Conveyor CB20	FE
CB20	CB20	**Sample Conveyor CB20 -** Sample Belt from Sample Crusher CR1 back to Conveyors CB4 or CB6	5	0.0438	C 1989	PE	NA	STP5	CC from Sample Conveyor CB20 back to Conveyor CB6	PE
								STP6	CC from Sample Conveyor CB20 back to Conveyor CB4	PE
012	Z01	**Clean Coal Silo 1 -** (Capacity 14,000 t)	1,500	4.18	1970	FE	NA	012B	CC from CC silo 1 to Conveyor CB5	PE
012A	Z01	**Conveyor CB5 -** CC Silo 1 reclaim conveyor	3,000	4.18	1970	FE	NA	017A	CC from Conveyor CB5 to Conveyor CB9 (see below) or Conveyor CB18	PE
CB18	CB18	**Conveyor CB18** - CC truck loadout conveyor	1,000	1.0	C 2011	PE	NA	TLTP1	CC from Conveyor CB18 to Conveyor CB18A	PE
CB18A	CB18A	**Conveyor CB18A** - CC truck loadout conveyor	1,000	1.0	C 2011	PE	NA	TLTP2	CC from Conveyor CB18A to Truck Loadout Bin TLB	PE

Source ID	Emission Point ID	Equipment Description	Maximum Design Capacity		Date of Construction, Reconstruction or Modification [1]	Fugitive Control System/ Device [2]	Control Device ID	Associated Emission Points		
			TPH	TPY x 10^6				ID No.	Transfer Description	Fugitive Control System/ Device [2]
TLB	TLB	**Truck Loadout Bin TLB** #2 - 100 ton capacity	1,000	1.0	C 2011	FE	NA	TLTP3	CC from Truck Loadout Bin TLB #2 to trucks	MD
015	Z01	**Clean Coal Silo 2 -** (Capacity 12,000 t)	1,500	3.42	1970	FE	NA	015A	CC from CC silo 2 to Conveyor CB8	FE
018	Z01	**Conveyor CB8 -** CC Silo 2 reclaim conveyor	3,000	3.42	1970	FE	NA	017B	CC from Conveyor CB8 and direct ship from Conveyor CB7 (see Raw Coal Circuit) to Conveyor 9	PE
046	Z01	**Conveyor CB9 -** Rail Loadout Feed Belt - from Conveyors CB5 and CB8 to Truck Loadout Bin TLB #1 or Conveyor CB19A	3,000	7.6	1970	PE	NA	019	CC from Conveyor CB9 to Truck Loadout Bin TLB #1	FE
								019A	CC from Conveyor CB9 to CB19A	FE
020	Z01	Truck Loadout Bin TLB #1 (Capacity - 100 tons)	3,000	7.6	1970	FE	NA	045	Truck Loadout Bin TLB #1 to Trucks/Pan	PE
CB19A	Z01	**Conveyor CB19A -** Batch Weigh Loadout Conveyor	3,500	9.3	C 2014	PE	NA	019B	CC from Conveyor CB19A to Batch Weigh Loadout BWL	FE
BWL	Z01	**Batch Weigh Loadout BWL -** (Capacity - 220 tons)	3,500	9.3	C 2014	FE	NA	021	Batch Weigh Loadout BWL to Railcars	PE
REFUSE CIRCUIT										
022	Z01	**Conveyor CB10 -** Belt from Preparation Plant to Refuse Loadout Bin1	650	5.694	M 2011 C 2000	PE	NA	023	Refuse from Conveyor CB10 to Refuse Loadout Bin 1	PE
024	Z01	**Refuse Loadout Bin 1 -** (Capacity – 100 tons)	650	5.694	M 2011 C 1970	FE	NA	025	Refuse from Refuse Loadout Bin 1 to Refuse Vehicle	MC
								025A	Refuse from Refuse Loadout Bin 1 to Conveyor CB17	PE
056	Z01	**Conveyor CB17** - Belt from Refuse Loadout Bin 1to Refuse Loadout Bin2	650	5.694	2004	PE	NA	057	Refuse from Conveyor CB17 to Refuse Loadout Bin 2	PE
058	Z01	**Refuse Loadout Bin 2 -** (Capacity – 100 tons)	650	5.694	2004	FE	NA	059	Refuse from Refuse Loadout Bin 2 to Refuse Vehicle	MC
HAULROADS										
052A	Z01	**Haulroads -** Unpaved Roads - refuse vehicle to disposal area full.	NA	NA	2000	WT	NA	026	Transfer of coarse refuse from haul vehicle to disposal area	MC
								032A	Grading of Refuse Disposal Area	MC
052B	Z01	**Haulroads** - Unpaved Roads - refuse vehicle from disposal area empty.	NA	NA	2000	WT	NA			
052C	Z01	**Haulroads** - Unpaved Roads - Clean Coal to/from CC/RC Stockpile 1/ empty	NA	NA	2000	WT	NA			
052D	Z01	**Haulroads -** Unpaved Roads - Clean Coal to/from CC/RC Stockpile 1/ full	NA	NA	2000	WT	NA	028	CC/RC Stockpile 1 coal loadin from pan	MC
								030	CC/RC Stockpile 1 coal loadout to pan	MC
052	Z01	**Haulroads** - Unpaved Roads - Raw Coal to/from Raw Coal Stockpile #1 / empty	NA	NA	1990	WT	NA			
052F	Z01	**Haulroads** - Unpaved Roads - Raw Coal to/from Raw Coal Stockpile #1 / full	NA	NA	1990	WT	NA	040	RC Stockpile 1 coal loadin from pan	MC
								41	RC Stockpile 1 coal loadout to pan	MC
052G	Z01	**Haulroads** - Unpaved Roads - Raw Coal to/from Raw Coal Stockpile #2/ empty	NA	NA	1990	WT	NA			
052H	Z01	**Haulroads** - Unpaved Roads - Raw Coal to/from Raw Coal Stockpile #2/ full	NA	NA	1990	WT	NA	043	RC Stockpile 2 coal loadin from pan	MC
								044	RC Stockpile 2 coal loadout to pan	MC

Source ID	Emission Point ID	Equipment Description	Maximum Design Capacity		Date of Construction, Reconstruction or Modification [1]	Fugitive Control System/ Device [2]	Control Device ID	Associated Emission Points		
			TPH	TPY x 10^6				ID No.	Transfer Description	Fugitive Control System/ Device [2]
052I	Z01	**Haulroads -** Unpaved Roads - Empty trucks to truck loadout	NA	NA	1970	WT	NA			
052J	Z01	**Haulroads -** Unpaved Roads - Full trucks from truck loadout	NA	NA	1970	WT	NA	045	Truck Loadout Bin TLB #1 to Trucks/Pan	PE
052K	Z01	**Haulroads -** Unpaved Roads - Clean Coal to/from CC/RC Stockpile #1 / full	NA	NA	2000	WT	NA	28	CC/RC Stockpile 1 coal loading from pan	MC
								30	CC/RC Stockpile 1 coal loadout to pan	MC
052L	Z01	**Haulroads -** Unpaved Roads - Clean Coal to/from CC/RC Stockpile #1 / empty	NA	NA	2000	WT	NA			
054D	Z01	**Haulroads -** Unpaved Roads - Full ash truck to ash disposal area	NA	0.15	To be Built	WT	NA	026	Transfer of ash from ash truck to ash disposal area.	MC
054E	Z01	**Haulroads -** Unpaved Roads - Empty ash trucks from ash disposal area	NA	0.15	To be Built	WT	NA			
		Haulroads - Unpaved Roads - Trucks transporting coal from Truck Loadout Bin TLB	1,000	1.0	C 2011	WT	NA	TLTP3	Transfer of clean coal to trucks for shipment off-site	MD
MISCELLANEOUS										
048	Z01	**Lime Storage Silo 1**	NA	NA	1970	NA	NA			
050	Z01	**Rock Dust Silo 1**	NA	NA	1970	NA	NA			
054B	P003	**Ash Disposal -** Ash Storage Silo	NA	0.15	To be Built	Baghouse	Baghouse 1	054C	Ash transfer to haul truck	MC
								054D,E	Ash truck to/from disposal site	WT
054A	P003	**Ash Disposal -** Railcar Depressurization	NA	0.15	To be Built	Baghouse	Baghouse 1			
009B	Z01	**VOC emissions** from prep plant Froth Flotation Cell	NA	NA	2000	NA	NA			
009	P001	**VOC emissions** from prep plant Vacuum Filter	NA	NA	2000	NA	NA			
049	Z01	**VOC emissions** from water treatment Thickener	NA	NA	2000	NA	NA			
020	Z01	**VOC emissions** from rail cars anti-freeze spray	NA	NA	1970	NA	NA			
053A-M	Z01	**VOC working/breathing losses** from liquid chemical and petroleum storage tanks	NA	NA	1970	NA	NA			
2S		Storage Silo			To be Built					
3S		Pugmill			To be Built					
4e		Storage Silo baghouse			To be Built					
4e		Storage Silo baghouse			To be Built					

[1] In accordance with 40 CFR 60 Subpart Y: all emissions from thermal dryers constructed, re-constructed or modified on or before April 28, 2008 shall be less than 20% opacity; 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; and 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] Control Device abbreviations: FE - Full Enclosure; PE - Partial Enclosure; ST - Stacking Tube; WS - Water Sprays; WT - Water Truck; MC - Moisture Control; MD - Minimize Drop Height; N - None; NA - Not Applicable.

2.0. General Conditions

2.1. Definitions

2.1.1. All references to the "West Virginia Air Pollution Control Act" or the "Air Pollution Control Act" mean those provisions contained in W.Va. Code §§ 22-5-1 to 22-5-18.

2.1.2. The "Clean Air Act" means those provisions contained in 42 U.S.C. §§ 7401 to 7671q, and regulations promulgated thereunder.

2.1.3. "Secretary" means the Secretary of the Department of Environmental Protection or such other person to whom the Secretary has delegated authority or duties pursuant to W.Va. Code §§ 22-1-6 or 22-1-8 (45 CSR § 30-2.12.). The Director of the Division of Air Quality is the Secretary's designated representative for the purposes of this permit.

2.2. Acronyms

CAAA	Clean Air Act Amendments	**$PM_{2.5}$**	Particulate Matter less than 2.5µm in diameter
CBI	Confidential Business Information	**PM_{10}**	Particulate Matter less than 10µm in diameter
CEM	Continuous Emission Monitor	**Ppb**	Pounds per Batch
CES	Certified Emission Statement	**pph**	Pounds per Hour
C.F.R. *or* CFR	Code of Federal Regulations	**ppm**	Parts per Million
CO	Carbon Monoxide	**Ppmv or ppmv**	Parts per million by volume
C.S.R. *or* CSR	Codes of State Rules	**PSD**	Prevention of Significant Deterioration
DAQ	Division of Air Quality	**psi**	Pounds per Square Inch
DEP	Department of Environmental Protection	**SIC**	Standard Industrial Classification
dscm	Dry Standard Cubic Meter	**SIP**	State Implementation Plan
FOIA	Freedom of Information Act	**SO_2**	Sulfur Dioxide
HAP	Hazardous Air Pollutant	**TAP**	Toxic Air Pollutant
HON	Hazardous Organic NESHAP	**TPY**	Tons per Year
HP	Horsepower	**TRS**	Total Reduced Sulfur
lbs/hr	Pounds per Hour	**TSP**	Total Suspended Particulate
LDAR	Leak Detection and Repair	**USEPA**	United States Environmental Protection Agency
M	Thousand	**UTM**	Universal Transverse Mercator
MACT	Maximum Achievable Control Technology	**VEE**	Visual Emissions Evaluation
MDHI	Maximum Design Heat Input	**VOC**	Volatile Organic Compounds
MM	Million	**VOL**	Volatile Organic Liquids
MMBtu/hr *or* mmbtu/hr	Million British Thermal Units per Hour		
MMCF/hr *or* mmcf/hr	Million Cubic Feet per Hour		
NA	Not Applicable		
NAAQS	National Ambient Air Quality Standards		
NESHAPS	National Emissions Standards for Hazardous Air Pollutants		
NO_x	Nitrogen Oxides		
NSPS	New Source Performance Standards		
PM	Particulate Matter		

2.3. Authority

This permit is issued in accordance with West Virginia Air Pollution Control Law W.Va. Code §§22-5-1 et seq. and the following Legislative Rules promulgated thereunder:

2.3.1. 45CSR13 – *Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permits, General Permits and Procedures for Evaluation;*

2.4. Term and Renewal

2.4.1. This permit supercedes and replaces previously issued Permit R13-2104C approved on November 19, 2010. This permit shall remain valid, continuous and in effect unless it is revised, suspended, revoked or otherwise changed under an applicable provision of 45CSR13 or any applicable legislative rule.

2.5. Duty to Comply

2.5.1. The permitted facility shall be constructed and operated in accordance with the plans and specifications filed in Permit Applications R13-0718E, R13-0718D, R13-0718C, R13-0718B, R13-0718A and R13-0718 and any modifications, administrative updates, or amendments thereto. The Secretary may suspend or revoke a permit if the plans and specifications upon which the approval was based are not adhered to.
[45CSR§§13-5.11 and 13-10.3]

2.5.2. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the West Virginia Code and the Clean Air Act and is grounds for enforcement action by the Secretary or USEPA;

2.5.3. Violations of any of the conditions contained in this permit, or incorporated herein by reference, may subject the permittee to civil and/or criminal penalties for each violation and further action or remedies as provided by West Virginia Code 22-5-6 and 22-5-7;

2.5.4. Approval of this permit does not relieve the permittee herein of the responsibility to apply for and obtain all other permits, licenses and/or approvals from other agencies; i.e., local, state and federal, which may have jurisdiction over the construction and/or operation of the source(s) and/or facility herein permitted.

2.6. Duty to Provide Information

The permittee shall furnish to the Secretary within a reasonable time any information the Secretary may request in writing to determine whether cause exists for administratively updating, modifying, revoking or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Secretary copies of records to be kept by the permittee. For information claimed to be confidential, the permittee shall furnish such records to the Secretary along with a claim of confidentiality in accordance with 45CSR31. If confidential information is to be sent to USEPA, the permittee shall directly provide such information to USEPA along with a claim of confidentiality in accordance with 40 C.F.R. Part 2.

2.7. Duty to Supplement and Correct Information

Upon becoming aware of a failure to submit any relevant facts or a submittal of incorrect information in any permit application, the permittee shall promptly submit to the Secretary such supplemental facts or corrected information.

2.8. Administrative Update

The permittee may request an administrative update to this permit as defined in and according to the procedures specified in 45CSR13.
[45CSR§13-4]

2.9. Permit Modification

The permittee may request a minor modification to this permit as defined in and according to the procedures specified in 45CSR13.
[45CSR§13-5.4.]

2.10. Major Permit Modification

The permittee may request a major modification to this permit as defined in and according to the procedures specified in 45CSR14 or 45CSR19, as appropriate.
[45CSR§14-7 or 45CSR§19-14]

2.11. Inspection and Entry

The permittee shall allow any authorized representative of the Secretary, upon the presentation of credentials and other documents as may be required by law, to perform the following:

a. At all reasonable times (including all times in which the facility is in operation) enter upon the permittee's premises where a source is located or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

c. Inspect at reasonable times (including all times in which the facility is in operation) any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit;

d. Sample or monitor at reasonable times substances or parameters to determine compliance with the permit or applicable requirements or ascertain the amounts and types of air pollutants discharged.

2.12. Emergency

2.12.1. An "emergency" means any situation arising from sudden and reasonable unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

2.12.2. Effect of any emergency. An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions of Section 2.12.3 are not met.

2.12.3. The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

a. An emergency occurred and that the permittee can identify the cause(s) of the emergency;

b. The permitted facility was at the time being properly operated;

c. During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and,

d. The permittee submitted notice of the emergency to the Secretary within one (1) working day of the time when emission limitations were exceeded due to the emergency and made a request for variance, and as applicable rules provide. This notice must contain a detailed description of the emergency, any steps taken to mitigate emission, and corrective actions taken.

2.12.4. In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.

2.12.5. The provisions of this section are in addition to any emergency or upset provision contained in any applicable requirement.

2.13. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for a permittee in an enforcement action that it should have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. However, nothing in this paragraph shall be construed as precluding consideration of a need to halt or reduce activity as a mitigating factor in determining penalties for noncompliance if the health, safety, or environmental impacts of halting or reducing operations would be more serious than the impacts of continued operations.

2.14. Suspension of Activities

In the event the permittee should deem it necessary to suspend, for a period in excess of sixty (60) consecutive calendar days, the operations authorized by this permit, the permittee shall notify the Secretary, in writing, within two (2) calendar weeks of the passing of the sixtieth (60) day of the suspension period.

2.15. Property Rights

This permit does not convey any property rights of any sort or any exclusive privilege.

2.16. Severability

The provisions of this permit are severable and should any provision(s) be declared by a court of competent jurisdiction to be invalid or unenforceable, all other provisions shall remain in full force and effect.

2.17. Transferability

This permit is transferable in accordance with the requirements outlined in Section 10.1 of 45CSR13. **[45CSR§13-10.1]**

2.18. Notification Requirements

The permittee shall notify the Secretary, in writing, no later than thirty (30) calendar days after the actual startup of the operations authorized under this permit.

2.19. Credible Evidence

Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by law. Nothing in this permit shall be construed to waive any defense otherwise available to the permittee including, but not limited to, any challenge to the credible evidence rule in the context of any future proceeding.

3.0. Facility-Wide Requirements

3.1. Limitations and Standards

3.1.1. **Open burning.** The open burning of refuse by any person, firm, corporation, association or public agency is prohibited except as noted in 45CSR§6-3.1.
[45CSR§6-3.1.]

3.1.2. **Open burning exemptions.** The exemptions listed in 45CSR§6-3.1 are subject to the following stipulation: Upon notification by the Secretary, no person shall cause, suffer, allow or permit any form of open burning during existing or predicted periods of atmospheric stagnation. Notification shall be made by such means as the Secretary may deem necessary and feasible.
[45CSR§6-3.2.]

3.1.3. **Asbestos.** The permittee is responsible for thoroughly inspecting the facility, or part of the facility, prior to commencement of demolition or renovation for the presence of asbestos and complying with 40 C.F.R. § 61.145, 40 C.F.R. § 61.148, and 40 C.F.R. § 61.150. The permittee, owner, or operator must notify the Secretary at least ten (10) working days prior to the commencement of any asbestos removal on the forms prescribed by the Secretary if the permittee is subject to the notification requirements of 40 C.F.R. § 61.145(b)(3)(I). The USEPA, the Division of Waste Management and the Bureau for Public Health - Environmental Health require a copy of this notice to be sent to them.
[40CFR§61.145(b) and 45CSR§34]

3.1.4. **Odor.** No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor at any location occupied by the public.
[45CSR§4-3.1 State-Enforceable only.]

3.1.5. **Permanent shutdown.** A source which has not operated at least 500 hours in one 12-month period within the previous five (5) year time period may be considered permanently shutdown, unless such source can provide to the Secretary, with reasonable specificity, information to the contrary. All permits may be modified or revoked and/or reapplication or application for new permits may be required for any source determined to be permanently shutdown.
[45CSR§13-10.5.]

3.1.6. **Standby plan for reducing emissions.** When requested by the Secretary, the permittee shall prepare standby plans for reducing the emissions of air pollutants in accordance with the objectives set forth in Tables I, II, and III of 45 C.S.R. 11.
[45CSR§11-5.2.]

3.2. Monitoring Requirements

[Reserved]

3.3. Testing Requirements

3.3.1. **Stack testing.** As per provisions set forth in this permit or as otherwise required by the Secretary, in accordance with the West Virginia Code, underlying regulations, permits and orders, the permittee shall conduct test(s) to determine compliance with the emission limitations set forth in this permit and/or established or set forth in underlying documents. The Secretary, or his duly authorized representative, may at his option witness or conduct such test(s). Should the Secretary exercise his option to conduct such test(s), the operator shall provide all necessary sampling connections and sampling ports to be located in such manner as the Secretary may require, power for test equipment and the required safety equipment, such as scaffolding, railings and

ladders, to comply with generally accepted good safety practices. Such tests shall be conducted in accordance with the methods and procedures set forth in this permit or as otherwise approved or specified by the Secretary in accordance with the following:

a. The Secretary may on a source-specific basis approve or specify additional testing or alternative testing to the test methods specified in the permit for demonstrating compliance with 40 C.F.R. Parts 60, 61, and 63 in accordance with the Secretary's delegated authority and any established equivalency determination methods which are applicable. If a testing method is specified or approved which effectively replaces a test method specified in the permit, the permit may be revised in accordance with 45CSR§13-4 or 45CSR§13-5.4 as applicable.

b. The Secretary may on a source-specific basis approve or specify additional testing or alternative testing to the test methods specified in the permit for demonstrating compliance with applicable requirements which do not involve federal delegation. In specifying or approving such alternative testing to the test methods, the Secretary, to the extent possible, shall utilize the same equivalency criteria as would be used in approving such changes under Section 3.3.1.a. of this permit. If a testing method is specified or approved which effectively replaces a test method specified in the permit, the permit may be revised in accordance with 45CSR§13-4 or 45CSR§13-5.4 as applicable.

c. All periodic tests to determine mass emission limits from or air pollutant concentrations in discharge stacks and such other tests as specified in this permit shall be conducted in accordance with an approved test protocol. Unless previously approved, such protocols shall be submitted to the Secretary in writing at least thirty (30) days prior to any testing and shall contain the information set forth by the Secretary. In addition, the permittee shall notify the Secretary at least fifteen (15) days prior to any testing so the Secretary may have the opportunity to observe such tests. This notification shall include the actual date and time during which the test will be conducted and, if appropriate, verification that the tests will fully conform to a referenced protocol previously approved by the Secretary.
[WV Code § 22-5-4(a)(15)]

d. The permittee shall submit a report of the results of the stack test within sixty (60) days of completion of the test. The test report shall provide the information necessary to document the objectives of the test and to determine whether proper procedures were used to accomplish these objectives. The report shall include the following: the certification described in paragraph 3.5.1.; a statement of compliance status, also signed by a responsible official; and, a summary of conditions which form the basis for the status evaluation. The summary of conditions shall include the following:

1. The permit or rule evaluated, with the citation number and language;
2. The result of the test for each permit or rule condition; and,
3. A statement of compliance or noncompliance with each permit or rule condition.

[WV Code § 22-5-4(a)(14-15) and 45CSR13]

3.4. Recordkeeping Requirements

3.4.1. **Retention of records.** The permittee shall maintain records of all information (including monitoring data, support information, reports and notifications) required by this permit recorded in a form suitable and readily available for expeditious inspection and review. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation. The files shall be maintained for at least five (5) years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent two (2) years of data shall be maintained on site. The remaining three (3) years of data may be maintained off site, but must remain accessible within a reasonable time. Where appropriate, the permittee may maintain records electronically (on a computer, on

computer floppy disks, CDs, DVDs, or magnetic tape disks), on microfilm, or on microfiche.

3.4.2. **Odors.** For the purposes of 45CSR4, the permittee shall maintain a record of all odor complaints received, any investigation performed in response to such a complaint, and any responsive action(s) taken. **[45CSR§4. *State-Enforceable only.*]**

3.5. Reporting Requirements

3.5.1. **Responsible official.** Any application form, report, or compliance certification required by this permit to be submitted to the DAQ and/or USEPA shall contain a certification by the responsible official that states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

3.5.2. **Confidential information.** A permittee may request confidential treatment for the submission of reporting required by this permit pursuant to the limitations and procedures of W.Va. Code § 22-5-10 and 45CSR31.

3.5.3. **Correspondence.** All notices, requests, demands, submissions and other communications required or permitted to be made to the Secretary of DEP and/or USEPA shall be made in writing and shall be deemed to have been duly given when delivered by hand, or mailed first class with postage prepaid to the address(es) set forth below or to such other person or address as the Secretary of the Department of Environmental Protection may designate:

If to the DAQ:

Director
WVDEP
Division of Air Quality
601 57th Street, SE
Charleston, WV 25304-2345

If to the USEPA:

Associate Director
Office of Air Enforcement and Compliance Assistance
(3AP20)
U. S. Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia, PA 19103-2029

3.5.4. **Operating Fee.**

3.5.4.1. 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.

3.5.5. **Emission inventory.** At such time(s) as the Secretary may designate, the permittee herein shall prepare and submit an emission inventory for the previous year, addressing the emissions from the facility and/or process(es) authorized herein, in accordance with the emission inventory submittal requirements of the Division of Air Quality. After the initial submittal, the Secretary may, based upon the type and quantity of the pollutants emitted, establish a frequency other than on an annual basis.

4.0. Source-Specific Requirements

4.1. Limitations and Standards

4.1.1. The permittee shall not exceed the maximum hourly and annual throughput rates and other criteria outlined in the table in Section 1.0 Emission Units.

4.1.2. Compliance with all annual throughput limits shall be determined using a twelve month rolling total. A twelve month rolling total shall mean the sum of the amount of material received, processed, and/or shipped at any given time during the previous twelve (12) consecutive calender months.

4.1.3. Any and all records, such as throughput, hours of operation of the thermal dryer, SO_2 data, etc., shall be completed, certified and kept on site for a period of no less than five (5) years. Such records shall be made available to the Director or his or her duly authorized representative upon request.

4.1.4. The sulfur dioxide control system as described in Consolidation Coal Company's September 8, 1992 submission, involving the addition of caustic to the wet coal that feeds the fluidizing bed and the operation of a continuous emission monitoring system, shall be operated continuously when the thermal dryer is in operation.

4.1.5. The emissions limit for SO_2 shall be set at (a) 120.7 lbs/hr measured on the basis of a one-hour average, (b) 20.7 tons/month measured on the basis of actual emissions, and (c) 249.4 tons/year.

4.1.6. The thermal dryer will be operated no more than 5,850 hours per year.

4.1.7. The following table sets forth the allowable hourly and annual limitations for total particulate matter, carbon monoxide, nitrogen dioxide, sulfur dioxide, and volatile organic compounds from the thermal dryer (TD-1) at emission point ST-1.

Pollutant	Hourly Emissions (lb/hr)	Annual Emissions (ton/year)
Total Particulate Matter (PM)	24.2	70.8
Carbon Monoxide (CO)	43.2	103
Nitrogen Dioxide (NO_X)	46.6	136
Sulfur Dioxide (SO_2)	120.7	249.4
Volatile Organic Compounds (VOC)	24.6	47.4

4.1.8. Throughput of coal from conveyor belts CB3 and CB16 combined into the preparation plant shall not exceed 1,500 tons per hour or 10,000,000 tons per year in raw coal input.

4.1.9. The permittee shall maintain a water truck on site and in good operating condition, and shall utilize same to apply water, or a mixture of water and an environmentally acceptable dust control additive, hereinafter referred to as solution, as often as is necessary in order to minimize the atmospheric entrainment of fugitive particulate emissions that may be generated from haulroads and other work areas where mobile equipment is used.

The spraybar shall be equipped with commercially available spray nozzles, of sufficient size and number, so as to provide adequate coverage to the area being treated. The pump delivering the water, or solution, shall be of sufficient size and capacity so as to be capable of delivering to the spray nozzle(s) an adequate quantity of water, or solution, and at a sufficient pressure, so as to assure that the treatment process will minimize the atmospheric entrainment of fugitive particulate emissions generated from the haulroads and work areas where mobile equipment is used.

The permittee shall properly install, operate and maintain designed winterization systems for all water trucks and/or water sprays in a manner that all such fugitive dust control systems remain functional during winter months and cold weather.

4.1.10. **Opacity Limit.** No person shall cause, suffer, allow or permit emission of particulate matter into the open air from any fugitive dust control system which is twenty percent (20%) opacity or greater.
[45CSR§5-3.4]

4.1.11. **Fugitive Dust Control System.** No person shall cause, suffer, allow or permit a coal preparation plant or handling operation to operate that is not equipped with a fugitive dust control system. This system shall be operated and maintained in such a manner as to minimize the emission of particulate matter into the open air.
[45CSR§5-6.1]

4.1.12. **Dust Control.** The owner or operator of a coal preparation plant or handling operation shall maintain dust control of the premises and owned, leased, or controlled access roads by paving, or other suitable measures. Good operating practices shall be observed in relation to stockpiling, car loading, breaking, screening, and general maintenance to minimize dust generation and atmospheric entrainment.
[45CSR§5-6.2]

4.1.13. No person shall construct, modify or relocate any coal preparation plant or coal handling operation without first obtaining a permit in accordance with the provisions of W. Va. Code §22-5-1 et seq. and the Director's rules for review and permitting of new or modified sources.
[45CSR§5-10.1.]

4.1.14. **Operation and Maintenance of Air Pollution Control Equipment**. The permittee shall, to the extent practicable, install, maintain, and operate all pollution control equipment listed in Section 1.0 and associated monitoring equipment in a manner consistent with safety and good air pollution control practices for minimizing emissions, or comply with any more stringent limits set forth in this permit or as set forth by any State rule, Federal regulation, or alternative control plan approved by the Secretary.
[45CSR§13-5.11.]

4.1.15. At the time a stationary source is alleged to be in compliance with an applicable emission standard and at reasonable times to be determined by the Secretary thereafter, appropriate tests consisting of visual determinations or conventional in-stack measurements or such other tests the Secretary may specify shall be conducted to determine compliance.
[45CSR§13-6.1.]

4.1.16. The Secretary may suspend or revoke a permit or general permit registration if, after six (6) months from the date of issuance, the holder of the permit cannot provide the Secretary, at the Secretary's request, with written proof of a good faith effort that construction, modification, or relocation, if applicable, has commenced. Such proof shall be provided not later than thirty (30) days after the Secretary's request. If construction or modification of a stationary source is discontinued for a period of eighteen (18) months or longer, the Secretary may suspend or revoke the permit or general permit registration.
[45CSR§13-10.2.]

4.1.17. The Secretary may suspend or revoke a permit or general permit registration if the plans and specifications upon which the approval was based or the conditions established in the permit are not adhered to. Upon notice of the Secretary's intent to suspend, modify or revoke a permit, the permit holder may request a conference with the Secretary in accordance with the provisions of W.Va Code § 22-5-5 to show cause why the permit or general permit registration should not be suspended, modified or revoked.
[45CSR§13-10.3.]

4.1.18. At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions.
[40 CFR§60.11(d)]

4.1.19. **Standard for Thermal Dryers.** On and after the date on which the performance test is conducted or required to be completed under §60.8, whichever date comes first, an owner or operator of a thermal dryer constructed, reconstructed, or modified on or before April 28, 2008, subject to the provisions of this subpart must meet the requirements in paragraphs (a)(1) and (a)(2) of this section.
[40CFR§60.252(a)]

(1) The owner or operator shall not cause to be discharged into the atmosphere from the thermal dryer any gases which contain PM in excess of 0.070 g/dscm (0.031 grains per dry standard cubic feet (gr/dscf)); and
[40CFR§60.252(a)(1)]

(2) The owner or operator shall not cause to be discharged into the atmosphere from the thermal dryer any gases which exhibit 20 percent opacity or greater.
[40CFR§60.252(a)(2)]

4.1.20. **Standards for Particulate Matter.** On and after the date on which the performance test is conducted or required to be completed under §60.8, whichever date comes first, an owner or operator shall not cause to be discharged into the atmosphere from any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal constructed, reconstructed, or modified on or before April 28, 2008, gases which exhibit 20 percent opacity or greater.
[40CFR§60.254(a)]

4.1.21. **Standards for Particulate Matter.** On and after the date on which the performance test is conducted or required to be completed under §60.8, whichever date comes first, an owner or operator shall not cause to be discharged into the atmosphere from any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal constructed, reconstructed, or modified after April 28, 2008, must meet the requirements in paragraphs (b)(1) through (3) of this section. [crusher CR3]
[40CFR§60.254(b)]

(1) Except as provided in paragraph (b)(3) of this section, the owner or operator must not cause to be discharged into the atmosphere from the affected facility any gases which exhibit 10 percent opacity or greater.
[40CFR§60.254(b)(1)]

(2) The owner or operator must not cause to be discharged into the atmosphere from any mechanical vent on an affected facility gases which contain particulate matte in excess of 0.023 g/dscm (0.010 gr/dscf).
[40CFR§60.254(b)(2)]

(3) Equipment used in the loading, unloading, and conveying operations of open storage piles are not subject to the opacity limitations of paragraph (b)(1) of this section.
[40CFR§60.254(b)(3)]

4.2. Monitoring Requirements

4.2.1. The applicant shall maintain on-site records of hourly operation of the thermal dryer, utilizing the form identified as Appendix A, showing (a) cumulative yearly hours of operation of the dryer, (b) cumulative

monthly emission rates for SO_2, and (c) identifying all hours in which an allowable SO_2 emission rate was exceeded.

4.2.2. For the purpose of determining compliance with the maximum throughput limits set forth in 4.1.8, the permittee shall maintain certified monthly and annual records of the amount of raw coal transferred to the preparation plant on conveyor belts CB3 and CB16 combined and the hours operated, utilizing the form identified as Appendix B.

4.2.3. For the purposes of determining compliance with water truck usage set forth in 4.1.9, the permittee shall monitor water truck activity and maintain certified daily records, utilizing the forms identified as Appendix C.

4.2.4. For the purpose of determining compliance with the opacity limits of Sections 4.1.10, 4.1.19, 4.1.20, and 4.1.21 of this permit, the permittee shall conduct visible emissions checks and/or opacity monitoring for all emissions units subject to an opacity standard [Except for the following: stockpiles 029 (Clean/Raw Coal Stockpile 1) , 039 (Raw Coal Stockpile 1) and 042 (Raw Coal Stockpile 2) which are exempt; or new equipment Conveyor Belt CB18, Conveyor Belt CB18A and Truck Loadout Bin TLB and modified equipment Belt Conveyor CB10 and Refuse Loadout Bin 1, which are subject to the certification of compliance requirements in 40 CFR§60.255(b) found in Section 4.3.5. of this permit]:

a. An initial visible emissions evaluation in accordance with 40 CFR 60 Appendix A-4, Method 9 shall be performed within ninety (90) days of permit issuance for each emission unit with a visible emissions requirement in this permit unless such evaluation was performed within the consecutive 12-month period preceding permit issuance. This initial evaluation shall consist of three 6-minute averages during one consecutive 60 minute period. The initial evaluation shall be conducted at each emissions unit during the period of maximum expected visible emissions under normal unit and facility operations.

b. Each emissions unit with a visible emissions limit contained in this permit shall be observed visually at least once each calendar week during periods of normal facility operation for a sufficient time interval to determine the presence of absence of visible emissions. At a minimum, the observer must be trained and knowledgeable regarding the effects of background contrast, ambient lighting, observer position relative to lighting, wind, and the presence of uncombined water (condensing water vapor) on the visibility of emissions. This training may be obtained from written materials found in the References 1 and 2 from 40 CFR Part 60, Appendix A-7, Method 22 or from the lecture portion of the 40 CFR Part 60, Appendix A-4, Method 9 certification course.

   If visible emissions from any of the emissions units are observed during these weekly observations, or at any other time, that appear to exceed 50 percent of the allowable visible emission requirement for the emission unit, visible emissions evaluations in accordance with 40 CFR 60 Appendix A-4, Method 9 shall be conducted as soon as practicable, but no later than seventy-two (72) hours from the time of the observation. A Method 9 evaluation shall not be required if the visible emissions condition is corrected as expeditiously as possible, but no later than twenty-four (24) hours from the time of the observation; the emissions unit is operating at normal operating conditions; and, the dates and times, causes and corrective measures taken are recorded.

c. If the initial, or any subsequent, visible emissions evaluation indicates visible emissions in excess of 50 percent of the allowable visible emissions requirement for a given emission unit, a visible emissions evaluation in accordance with 40 CFR 60 Appendix A-4, Method 9 shall be performed for that unit at least once every consecutive 14-day period. If subsequent visible emissions evaluations indicate visible emissions less than or equal to 50 percent of the allowable visible emissions requirement for the emission unit for 3 consecutive evaluation periods, the emission unit may comply with the visible emissions testing requirements in Section 4.2.4.b. of this permit in lieu of those established in this condition.

d. A visual emissions evaluation shall be conducted on all process and control equipment at least once each calender month. If any deficiencies are observed, the necessary maintenance must be performed as

expeditiously as possible.

e. A visible emissions evaluation shall be conducted for each emission unit at least once every consecutive 12-month period in accordance with 40 CFR 60 Appendix A-4, Method 9. This annual evaluation shall consist of a minimum of 24 consecutive observations for each emission unit.

f. A record of each visible emissions observation shall be maintained, including any data required by 40 CFR 60 Appendix A, Method 22 or Method 9, whichever is appropriate. The record shall include, at a minimum, the date, time, name of the emission unit, the applicable visible emissions requirement, the results of the observation, and the name of the observer.

4.2.5. **Continuous Monitoring Requirements for Thermal Dryer.** The owner or operator of each affected facility constructed, reconstructed, or modified on or before April 28, 2008, must meet the monitoring requirements specified in paragraphs (a)(1) and (2) of this section, as applicable to the affected facility.
[40CFR§60.256(a)]

(1) The owner or operator of any thermal dryer shall install, calibrate, maintain, and continuously operate monitoring devices as follows:
[40CFR§60.256(a)(1)]

(i) A monitoring device for the measurement of the temperature of the gas stream at the exit of the thermal dryer on a continuous basis. The monitoring device is to be certified by the manufacturer to be accurate within ±1.7 °C (±3 °F).
[40CFR§60.256(a)(1)(i)]

(ii) For affected facilities that use wet scrubber emission control equipment:
[40CFR§60.256(a)(1)(ii)]

(A) A monitoring device for the continuous measurement of the pressure loss through the venturi constriction of the control equipment. The monitoring device is to be certified by the manufacturer to be accurate within ±1 inch water gauge.
[40CFR§60.256(a)(1)(i)(A)]

(B) A monitoring device for the continuous measurement of the water supply pressure to the control equipment. The monitoring device is to be certified by the manufacturer to be accurate within ±5 percent of design water supply pressure. The pressure sensor or tap must be located close to the water discharge point. The Administrator shall have discretion to grant requests for approval of alternative monitoring locations.
[40CFR§60.256(a)(1)(i)(B)]

(2) All monitoring devices under paragraph (a) of this section are to be recalibrated annually in accordance with procedures under §60.13(b).
[40CFR§60.256(a)(2)]

4.2.6. The owner or operator of each affected facility constructed, reconstructed, or modified after April 28, 2008, that has one or more mechanical vents must install, calibrate, maintain, and continuously operate the monitoring devices specified in paragraphs (b)(1) through (3) of this section, as applicable to the mechanical vent and any control device installed on the vent.
[40CFR§60.256(b)]

(1) For mechanical vents with fabric filters (baghouses) with design controlled potential PM emissions rates of 25

Mg (28 tons) per year or more, a bag leak detection system according to the requirements in paragraph (c) of this section.
[40CFR§60.256(b)(1)]

(2) For mechanical vents with wet scrubbers, monitoring devices according to the requirements in paragraphs (b)(2)(i) through (iv) of this section.
[40CFR§60.256(b)(2)]

(i) A monitoring device for the continuous measurement of the pressure loss through the venturi constriction of the control equipment. The monitoring device is to be certified by the manufacturer to be accurate within ±1 inch water gauge.
[40CFR§60.256(b)(2)(i)]

(ii) A monitoring device for the continuous measurement of the water supply flow rate to the control equipment. The monitoring device is to be certified by the manufacturer to be accurate within ±5 percent of design water supply flow rate.
[40CFR§60.256(b)(2)(ii)]

(iii) A monitoring device for the continuous measurement of the pH of the wet scrubber liquid. The monitoring device is to be certified by the manufacturer to be accurate within ±5 percent of design pH.
[40CFR§60.256(b)(2)(iii)]

(iv) An average value for each monitoring parameter must be determined during each performance test. Each monitoring parameter must then be maintained within 10 percent of the value established during the most recent performance test on an operating day average basis.
[40CFR§60.256(b)(2)(iv)]

(3) For mechanical vents with control equipment other than wet scrubbers, a monitoring device for the continuous measurement of the reagent injection flow rate to the control equipment, as applicable. The monitoring device is to be certified by the manufacturer to be accurate within ±5 percent of design injection flow rate. An average reagent injection flow rate value must be determined during each performance test. The reagent injection flow rate must then be maintained within 10 percent of the value established during the most recent performance test on an operating day average basis.
[40CFR§60.256(b)(3)]

4.2.7. Each bag leak detection system used to comply with provisions of this subpart must be installed, calibrated, maintained, and continuously operated according to the requirements in paragraphs (c)(1) through (3) of this section.
[40CFR§60.256(c)]

(1) The bag leak detection system must meet the specifications and requirements in paragraphs (c)(1)(i) through (viii) of this section.
[40CFR§60.256(c)(1)]

(i) The bag leak detection system must be certified by the manufacturer to be capable of detecting PM emissions at concentrations of 1 milligram per dry standard cubic meter (mg/dscm) (0.00044 grains per actual cubic foot (gr/acf)) or less.
[40CFR§60.256(c)(1)(i)]

(ii) The bag leak detection system sensor must provide output of relative PM loadings. The owner or operator shall continuously record the output from the bag leak detection system using electronic or other means (e.g., using a strip chart recorder or a data logger).

[40CFR§60.256(c)(1)(ii)]

(iii) The bag leak detection system must be equipped with an alarm system that will sound when the system detects an increase in relative particulate loading over the alarm set point established according to paragraph (c)(1)(iv) of this section, and the alarm must be located such that it can be heard by the appropriate plant personnel.
[40CFR§60.256(c)(1)(iii)]

(iv) In the initial adjustment of the bag leak detection system, the owner or operator must establish, at a minimum, the baseline output by adjusting the sensitivity (range) and the averaging period of the device, the alarm set points, and the alarm delay time.
[40CFR§60.256(c)(1)(iv)]

(v) Following initial adjustment, the owner or operator must not adjust the averaging period, alarm set point, or alarm delay time without approval from the Administrator or delegated authority except as provided in paragraph (c)(2)(vi) of this section.
[40CFR§60.256(c)(1)(v)]

(vi) Once per quarter, the owner or operator may adjust the sensitivity of the bag leak detection system to account for seasonal effects, including temperature and humidity, according to the procedures identified in the site-specific monitoring plan required by paragraph (c)(2) of this section.
[40CFR§60.256(c)(1)(vi)]

(vii) The owner or operator must install the bag leak detection sensor downstream of the fabric filter.
[40CFR§60.256(c)(1)(vii)]

(viii)Where multiple detectors are required, the system's instrumentation and alarm may be shared among detectors.
[40CFR§60.256(c)(1)(viii)]

(2) The owner or operator must develop and submit to the Administrator or delegated authority for approval a site-specific monitoring plan for each bag leak detection system. This plan must be submitted to the Administrator or delegated authority 30 days prior to startup of the affected facility. The owner or operator must operate and maintain the bag leak detection system according to the site-specific monitoring plan at all times. Each monitoring plan must describe the items in paragraphs (c)(2)(i) through (vi) of this section.
[40CFR§60.256(c)(2)]

(i) Installation of the bag leak detection system;
[40CFR§60.256(c)(2)(i)]

(ii) Initial and periodic adjustment of the bag leak detection system, including how the alarm set-point will be established;
[40CFR§60.256(c)(2)(ii)]

(iii) Operation of the bag leak detection system, including quality assurance procedures;
[40CFR§60.256(c)(2)(iii)]

(iv) How the bag leak detection system will be maintained, including a routine maintenance schedule and spare parts inventory list;
[40CFR§60.256(c)(2)(iv)]

(v) How the bag leak detection system output will be recorded and stored; and
[40CFR§60.256(c)(2)(v)]

(vi) Corrective action procedures as specified in paragraph (c)(3) of this section. In approving the site-specific monitoring plan, the Administrator or delegated authority may allow the owner and operator more than 3 hours to alleviate a specific condition that causes an alarm if the owner or operator identifies in the monitoring plan this specific condition as one that could lead to an alarm, adequately explains why it is not feasible to alleviate this condition within 3 hours of the time the alarm occurs, and demonstrates that the requested time will ensure alleviation of this condition as expeditiously as practicable.
[40CFR§60.256(c)(2)(vi)]

(3) For each bag leak detection system, the owner or operator must initiate procedures to determine the cause of every alarm within 1 hour of the alarm. Except as provided in paragraph (c)(2)(vi) of this section, the owner or operator must alleviate the cause of the alarm within 3 hours of the alarm by taking whatever corrective action(s) are necessary. Corrective actions may include, but are not limited to the following:
[40CFR§60.256(c)(3)]

(i) Inspecting the fabric filter for air leaks, torn or broken bags or filter media, or any other condition that may cause an increase in PM emissions;
[40CFR§60.256(c)(3)(i)]

(ii) Sealing off defective bags or filter media;
[40CFR§60.256(c)(3)(ii)]

(iii) Replacing defective bags or filter media or otherwise repairing the control device;
[40CFR§60.256(c)(3)(iii)]

(iv) Sealing off a defective fabric filter compartment;
[40CFR§60.256(c)(3)(iv)]

(v) Cleaning the bag leak detection system probe or otherwise repairing the bag leak detection system; or
[40CFR§60.256(c)(3)(v)]

(vi) Shutting down the process producing the PM emissions.
[40CFR§60.256(c)(3)(vi)]

4.3. Testing Requirements

4.3.1. The permittee shall conduct tests to determine compliance with the visible emission limitations of Sections 4.1.10, 4.1.19, 4.1.20, and 4.1.21 of this permit, tests shall be conducted by certified visible emission observers in accordance with Method 9 of 40 CFR Part 60, Appendix A-4.
[45CSR§5-12.4.]

4.3.2. Within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility, or at such other times specified by this part, the owner or operator of such facility shall conduct performance test(s) and furnish a written report of the results of such performance test(s).
[40CFR§60.8(a)]

4.3.3. Compliance with opacity standards in this part shall be determined by conducting observations in accordance with Method 9 in appendix A of this part. For purposes of determining initial compliance, the minimum total

time of observations shall be 3 hours (30 6-minute averages) for the performance test or other set of observations (meaning those fugitive-type emission sources subject only to an opacity standard).
[40CFR§60.11(b)]

4.3.4. **Performance Tests and Other Compliance Requirements for Subpart Y - Performance Tests.** An owner or operator of each affected facility that commenced construction, reconstruction, or modification on or before April 28, 2008, must conduct performance tests required by §60.8 to demonstrate compliance with the applicable emission standards using the methods identified in §60.257.
[40CFR§60.255(a)]

4.3.5. **Performance Tests and Other Compliance Requirements for Subpart Y - Performance Tests.** An owner or operator of each affected facility that commenced construction, reconstruction, or modification after April 28, 2008 [Belt Conveyor CB18, Belt Conveyor CB18A, Truck Loadout Bin TLB, Belt Conveyor CB10, Refuse Loadout Bin 1 (024), Belt Conveyor CB19A and Batch Weigh Loadout Bin BWL], must conduct performance tests according to the requirements of §60.8 and the methods identified in §60.257 to demonstrate compliance with the applicable emission standards in Subpart Y as specified in paragraphs (b)(1) and (b)(2) of this section.
[40CFR§60.255(b)]

(1) For each affected facility subject to a PM, SO_2, or combined NO_X and CO emissions standard, an initial performance test must be performed. Thereafter, a new performance test must be conducted according the requirements in paragraphs (b)(1)(i) through (iii) of this section, as applicable.
[40CFR§60.255(b)(1)]

(i) If the results of the most recent performance test demonstrate that emissions from the affected facility are greater than 50 percent of the applicable emissions standard, a new performance test must be conducted within 12 calendar months of the date that the previous performance test was required to be completed.
[40CFR§60.255(b)(1)(i)]

(ii) If the results of the most recent performance test demonstrate that emissions from the affected facility are 50 percent or less of the applicable emissions standard, a new performance test must be conducted within 24 calendar months of the date that the previous performance test was required to be completed.
[40CFR§60.255(b)(1)(ii)]

(iii) An owner or operator of an affected facility that has not operated for the 60 calendar days prior to the due date of a performance test is not required to perform the subsequent performance test until 30 calendar days after the next operating day.
[40CFR§60.255(b)(1)(iii)]

(2) For each affected facility subject to an opacity standard, an initial performance test must be performed. Thereafter, a new performance test must be conducted according to the requirements in paragraphs (b)(2)(i) through (iii) of this section, as applicable, except as provided for in paragraphs (e) and (f) of this section. Performance test and other compliance requirements for coal truck dump operations are specified in paragraph (h) of this section.
[40CFR§60.255(b)(2)]

(i) If any 6-minute average opacity reading in the most recent performance test exceeds half the applicable opacity limit, a new performance test must be conducted within 90 operating days of the date that the previous performance test was required to be completed.
[40CFR§60.255(b)(2)(i)]

(ii) If all 6-minute average opacity readings in the most recent performance are equal to or less than half the applicable opacity limit, a new performance test must be conducted within 12 calender months of the date that the previous performance test was required to be completed.
[40CFR§60.255(b)(2)(ii)]

4.3.6. **Performance Tests and Other Compliance Requirements for Subpart Y.** If any affected coal processing and conveying equipment (e.g., breakers, crushers, screens, conveying systems), coal storage systems, or other coal transfer and loading systems that commenced construction, reconstruction, or modification after April 28, 2008, are enclosed in a building do not exceed any of the standards in §60.254 that apply to the affected facility, then the facility shall be deemed to be in compliance with such standards.
[40CFR§60.255(c)]

4.3.7. An owner or operator of an affected facility (other than a thermal dryer) that commenced construction, reconstruction, or modification after April 28, 2008, is subject to a PM emission standard and uses a control device with a design controlled potential PM emissions rate of 1.0 Mg (1.1 tons) per year or less is exempted from the requirements of paragraphs (b)(1)(i) and (ii) of this section provided that the owner or operator meets all of the conditions specified in paragraphs (d)(1) through (3) of this section. This exemption does not apply to thermal dryers.
[40CFR§60.255(d)]

(1) PM emissions, as determined by the most recent performance test, are less than or equal to the applicable limit,
[40CFR§60.255(d)(1)]

(2) The control device manufacturer's recommended maintenance procedures are followed, and
[40CFR§60.255(d)(2)]

(3) All 6-minute average opacity readings from the most recent performance test are equal to or less than half the applicable opacity limit or the monitoring requirements in paragraphs (e) or (f) of this section are followed.
[40CFR§60.255(d)(3)]

4.3.8. For an owner or operator of a group of up to five of the same type of affected facilities that commenced construction, reconstruction, or modification after April 28, 2008, that are subject to PM emissions standards and use identical control devices, the Administrator or delegated authority may allow the owner or operator to use a single PM performance test for one of the affected control devices to demonstrate that the group of affected facilities is in compliance with the applicable emissions standards provided that the owner or operator meets all of the conditions specified in paragraphs (e)(1) through (3) of this section.
[40CFR§60.255(e)(1)]

(1) PM emissions from the most recent performance test for each individual affected facility are 90 percent or less of the applicable PM standard;
[40CFR§60.255(e)(1)]

(2) The manufacturer's recommended maintenance procedures are followed for each control device; and
[40CFR§60.255(e)(2)]

(3) A performance test is conducted on each affected facility at least once every 5 calendar years.
[40CFR§60.255(e)(3)]

4.3.9. **Performance Tests and Other Compliance Requirements for Subpart Y - Monitoring Visible Emissions**

or Digital Opacity Compliance System. As an alternative to meeting the requirements in paragraph (b)(2) of this section *[see permit condition 4.3.5. above]*, an owner or operator of an affected facility that commenced construction, reconstruction, or modification after April 28, 2008, may elect to comply with the requirements in paragraph (f)(1) or (f)(2) of this section.
[40CFR§60.255(f)]

(1) Monitor visible emissions from each affected facility according to the requirements in paragraphs (f)(1)(i) through (iii) of this section.
[40CFR§60.255(f)(1)]

(i) Conduct one daily 15-second observation each operating day for each affected facility (during normal operation) when the coal preparation and processing plant is in operation. Each observation must be recorded as either visible emissions observed or no visible emissions observed. Each observer determining the presence of visible emissions must meet the training requirements specified in §2.3 of Method 22 of appendix A-7 of this part. If visible emissions are observed during any 15-second observation, the owner or operator must adjust the operation of the affected facility and demonstrate within 24 hours that no visible emissions are observed from the affected facility. If visible emissions are observed, a Method 9, of appendix A-4 of this part, performance test must be conducted within 45 operating days.
[40CFR§60.255(f)(1)(i)]

(ii) Conduct monthly visual observations of all processes and control equipment. If any deficiencies are observed, the necessary maintenance must be performed as expeditiously as possible.
[40CFR§60.255(f)(1)(ii)]

(iii) Conduct a performance test using Method 9 of Appendix A-4 of this part at least once every 5 calender years for each affected facility.
[40CFR§60.255(f)(1)(iii)]

(2) Prepare a written site-specific monitoring plan for a digital opacity compliance system for approval by the Administration or delegated authority. The plan shall require observations of at least one digital image every 15 seconds for 10-minute periods (during normal operation) every operating day. An approvable monitoring plan must include a demonstration that the occurrences of visible emissions are not in excess of 5 percent of the observation period. For reference purposes in preparing the monitoring plan, *see* OAQPS "Determination of Visible Emission Opacity from Stationary Sources Using Computer-Based Photographic Analysis Systems." This document is available from the U.S. Environmental Protection Agency (U.S. EPA); Office of Air Quality and Planning Standards; Sector Policies and Programs Division; Measurement Group (D243-02), Research Triangle Park, NC 27711. This document is also available on the Technology Transfer Network (TTN) under Emission Measurement Center Preliminary Methods. The monitoring plan approved by the Administrator delegated authority shall be implemented by the owner or operator.
[40CFR§60.255(f)(2)]

4.3.10. **Performance Tests and Other Compliance Requirements for Subpart Y - COMS.** As an alternative to meeting the requirements in paragraph (b)(2) of this section *[see permit condition 4.3.5. above]*, an owner or operator of an affected facility that commenced construction, reconstruction, or modification after April 28, 2008, subject to a visible emissions standard under this subpart may install, operate, and maintain a continuous opacity monitoring system (COMS). Each COMS used to comply with provisions of this subpart must be installed, calibrated, maintained, and continuously operated according to the requirements in paragraphs (g)(1) and (2) of this section.
[40CFR§60.255(g)]

4.3.11. **Coal Truck Dump Operations.** The owner or operator of each affected coal truck dump operation that commenced construction, reconstruction, or modification after April 28, 2008, must meet the requirements specified in paragraphs (h)(1) through (3) of this section.
[40CFR§60.255(h)]

(1) Conduct an initial performance test using Method 9 of appendix A–4 of this part according to the requirements in paragraphs (h)(1)(i) and(ii).
[40CFR§60.255(h)(1)]

(i) Opacity readings shall be taken during the duration of three separate truck dump events. Each truck dump event commences when the truck bed begins to elevate and concludes when the truck bed returns to a horizontal position.
[40CFR§60.255(h)(1)(i)]

(ii) Compliance with the applicable opacity limit is determined by averaging all 15-second opacity readings made during the duration of three separate truck dump events.
[40CFR§60.255(h)(1)(ii)]

(2) Conduct monthly visual observations of all process and control equipment. If any deficiencies are observed, the necessary maintenance must be performed as expeditiously as possible.
[40CFR§60.255(h)(2)]

(3) Conduct a performance test using Method 9 of appendix A–4 of this part at least once every 5 calendar years for each affected facility.
[40CFR§60.255(h)(3)]

4.3.12. **Test Methods and Procedures for Subpart Y.** The owner or operator must determine compliance with the applicable opacity standards as specified in paragraphs (a)(1) through (3) of this section.
[40CFR§60.257(a)]

(1) Method 9 of Appendix A-4 of this part and the procedures in §60.11 must be used to determine opacity, with the exceptions specified in paragraphs (a)(1)(i) and (ii).
[40CFR§60.257(a)(1)]

(i) The duration of the Method 9 of Appendix A-4 of this part performance test shall be 1 hour (ten 6-minute averages).
[40CFR§60.257(a)(1)(i)]

(ii) If, during the initial 30 minutes of the observation of a Method 9 of Appendix A-4 of this part performance test, all of the 6-minute average opacity readings are less than or equal to half the applicable opacity limit, then the observation period may be reduced from 1 hour to 30 minutes.
[40CFR§60.257(a)(1)(ii)]

(2) To determine opacity for fugitive coal dust emissions sources, the additional requirements specified in paragraphs (a)(2)(i) through (iii) must be used.
[40CFR§60.257(a)(2)]

(i) The minimum distance between the observer and the emission source shall be 5.0 meters (16 feet), and the sun shall be oriented in the 140-degree sector of the back.
[40CFR§60.257(a)(2)(i)]

(ii) The observer shall select a position that minimizes interference from other fugitive coal dust emissions sources and make observations such that the line of vision is approximately perpendicular to the plume and wind direction.
[40CFR§60.257(a)(2)(ii)]

(iii) The observer shall make opacity observations at the point of greatest opacity in that portion of the plume where condensed water vapor is not present. Water vapor is not considered a visible emission.
[40CFR§60.257(a)(2)(iii)]

(3) A visible emissions observer may conduct visible emission observations for up to three fugitive, stack, or vent emission points within a 15-second interval if the following conditions specified in paragraphs (a)(3)(i) through (iii) of this section are met.
[40CFR§60.257(a)(3)]

(i) No more than three emissions points may be read concurrently.
[40CFR§60.257(a)(3)(i)]

(ii) All three emissions points must be within a 70 degree viewing sector or angle in front of the observer such that the proper sun position can be maintained for all three points.
[40CFR§60.257(a)(3)(ii)]

(iii) If an opacity reading for any one of the three emissions points is within 5 percent opacity from the applicable standard (excluding readings of zero opacity), then the observer must stop taking readings for the other two points and continue reading just that single point.
[40CFR§60.257(a)(3)(iii)]

4.3.13. **Test Methods and Procedures for Subpart Y.** The owner or operator must conduct all performance tests required by §60.8 to demonstrate compliance with the applicable emissions standards specified in §60.252 according to the requirements in §60.8 using the applicable test methods and procedures in paragraphs (b)(1) through (8) of this section.
[40CFR§60.257(b)]

4.4. Recordkeeping Requirements

4.4.1. **Record of Monitoring.** The permittee shall keep records of monitoring information that include the following:

a. The date, place as defined in this permit and time of sampling or measurements;

b. The date(s) analyses were performed;

c. The company or entity that performed the analyses;

d. The analytical techniques or methods used;

e. The results of the analyses; and

f. The operating conditions existing at the time of sampling or measurement.

4.4.2. **Record of Maintenance of Air Pollution Control Equipment.** For all pollution control equipment listed in Section 1.0 of this permit, the permittee shall maintain accurate records of all required pollution control equipment inspection and/or preventative maintenance procedures.

4.4.3. **Record of Malfunctions of Air Pollution Control Equipment.** For all air pollution control equipment listed in Section 1.0 of this permit, the permittee shall maintain records of the occurrence and duration of any

malfunction or operational shutdown of the air pollution control equipment during which excess emissions occur. For each such case, the following information shall be recorded:

a. The equipment involved.

b. Steps taken to minimize emissions during the event.

c. The duration of the event.

d. The estimated increase in emissions during the event.

For each such case associated with an equipment malfunction, the additional information shall also be recorded:

e. The cause of the malfunction.

f. Steps taken to correct the malfunction.

g. Any changes or modifications to equipment or procedures that would help prevent future recurrences of the malfunction.

4.4.4. The permittee shall maintain records of all monitoring data required by Section 4.2.4 of this permit by documenting the date and time of each visible emission check, the emission point or equipment/source identification number, the name or means of identification of the observer, the results of the check(s), whether the visible emissions are normal for the process, and, if applicable, all corrective measures taken or planned. The permittee shall also record the general weather conditions (i.e. sunny, approximately 80˚F, 6 - 10 mph NE wind) during the visual emission check(s). An example form is supplied as Appendix D. Should a visible emission observation be required to be performed per the requirements specified in Method 9, the data records of each observation shall be maintained per the requirements of Method 9. For an emission unit out of service during the normal monthly evaluation, the record of observation may note "out of service" (O/S) or equivalent.

4.5. Reporting Requirements

4.5.1. Any violation(s) of the allowable visible emission requirement for any emission source discovered during observation using 40CFR Part 60, Appendix A, Method 9 must be reported in writing to the Director of the Division of Air Quality as soon as practicable, but within ten (10) calendar days, of the occurrence and shall include, at a minimum, the following information: the results of the visible determination of opacity of emissions, the cause or suspected cause of the violation(s), and any corrective measures taken or planned.

4.5.2. Any violation(s) of the allowable SO_2 requirements in Section 4.1.4 of this permit and recorded in Appendix A must be reported in writing to the Director of the Division of Air Quality as soon as practicable, but within ten (10) calendar days, of the occurrence and shall include, at a minimum, the following information: the results of the testing, the cause or suspected cause of the violation(s), and any corrective measures taken or planned.

4.5.3. With regard to any testing required by the Director, the permittee shall submit to the Director of Air Quality and the Associate Director - Office of Enforcement and Permit Review (3AP12) of the U.S. EPA a test protocol detailing the proposed test methods, the date, and the time the proposed testing is to take place, as well as identifying the sampling locations and other relevant information. The test protocol must be received by the Director and the Associate Director no less than thirty (30) days prior to the date the testing is to take place. Test results shall be submitted to the Director and the Associate Director no more than sixty (60) days after the date the testing takes place.

4.5.4. **Notification and Record Keeping.** Any owner or operator subject to the provisions of this part shall furnish written notification as follows:

[40CFR§60.7(a)]

(1) A notification of the date construction (or reconstruction as defined under §60.15) of an affected facility is commenced postmarked no later than 30 days after such date.
[40CFR§60.7(a)(1)]

(3) A notification of the actual date of initial startup of an affected facility postmarked within 15 days after such date.
[40CFR§60.7(a)(3)]

4.5.5. The owner or operator of a coal preparation and processing plant that commenced construction, reconstruction, or modification after April 28, 2008, shall maintain in a logbook (written or electronic) on-site and make it available upon request. The logbook shall record the following:
[40CFR§60.258(a)]

(1) The manufacturer's recommended maintenance procedures and the date and time of any maintenance and inspection activities and the results of those activities. Any variance from manufacturer recommendation, if any, shall be noted.
[40CFR§60.258(a)(1)]

(2) The date and time of periodic coal preparation and processing plant visual observations, noting those sources with visible emissions along with corrective actions taken to reduce visible emissions. Results from the actions shall be noted.
[40CFR§60.258(a)(2)]

(3) The amount and type of coal processed each calendar month.
[40CFR§60.258(a)(3)]

(4) The amount of chemical stabilizer or water purchased for use in the coal preparation and processing plant.
[40CFR§60.258(a)(4)]

(5) Monthly certification that the dust suppressant systems were operational when any coal was processed and that manufacturer's recommendations were followed for all control systems. Any variance from the manufacturer's recommendations, if any, shall be noted.
[40CFR§60.258(a)(5)]

(6) Monthly certification that the fugitive coal dust emissions control plan was implemented as described. Any variance from the plan, if any, shall be noted. A copy of the applicable fugitive coal dust emissions control plan and any letters from the Administrator providing approval of any alternative control measures shall be maintained with the logbook. Any actions, e.g. objections, to the plan and any actions relative to the alternative control measures, e.g. approvals, shall be noted in the logbook as well.
[40CFR§60.258(a)(6)]

(7) For each bag leak detection system, the owner or operator must keep the records specified in paragraphs (a)(7)(i) through (iii) of this section.
[40CFR§60.258(a)(7)]

(i) Records of the bag leak detection system output;
[40CFR§60.258(a)(7)(i)]

(ii) Records of bag leak detection system adjustments, including the date and time of the adjustment, the initial bag leak detection system settings, and the final bag leak detection settings; and
[40CFR§60.258(a)(7)(ii)]

(iii) The date and time of all bag leak detection system alarms, the time that procedures to determine the cause of the alarm were initiated, the cause of the alarm, an explanation of the actions taken, the date and time the cause of the alarm was alleviated, and whether the cause of the alarm was alleviated

within 3 hours of the alarm.
[40CFR§60.258(a)(7)(iii)]

(8) A copy of any applicable monitoring plan for a digital opacity compliance system and monthly certification that the plan was implemented as described. Any variance from plan, if any, shall be noted.
[40CFR§60.258(a)(8)]

(9) During a performance test of a wet scrubber, and each operating day thereafter, the owner or operator shall record the measurements of the scrubber pressure loss, water supply flow rate, and pH of the wet scrubber liquid.
[40CFR§60.258(a)(9)]

(10) During a performance test of control equipment other than a wet scrubber, and each operating day thereafter, the owner or operator shall record the measurements of the reagent injection flow rate, as applicable.
[40CFR§60.258(a)(10)]

4.5.6. For the purpose of reports required under section 60.7(c), any owner operator subject to the provisions of this subpart also shall report semiannually periods of excess emissions as follow:
[40CFR§60.258(b)]

(1) The owner or operator of an affected facility with a wet scrubber shall submit semiannual reports to the Administrator or delegated authority of occurrences when the measurements of the scrubber pressure loss, water supply flow rate, or pH of the wet scrubber liquid vary by more than 10 percent from the average determined during the most recent performance test.
[40CFR§60.258(b)(1)]

(2) The owner or operator of an affected facility with control equipment other than a wet scrubber shall submit semiannual reports to the Administrator or delegated authority of occurrences when the measurements of the reagent injection flow rate, as applicable, vary by more than 10 percent from the average determined during the most recent performance test.
[40CFR§60.258(b)(2)]

(3) All 6-minute average opacities that exceed the applicable standard.
[40CFR§60.258(b)(3)]

4.5.7. **Reporting for Subpart Y - Results of Initial Performance Tests.** The owner or operator of an affected facility shall submit the results of initial performance tests to the Administrator or delegated authority, consistent with the provisions of section 60.8. The owner or operator who elects to comply with the reduced performance testing provisions of sections 60.255(c) or (d) shall include in the performance test report identification of each affected facility that will be subject to the reduced testing. The owner or operator electing to comply with section 60.255(d) shall also include information which demonstrates that the control devices are identical.
[40CFR§60.258(c)]

4.5.8. **Reporting for Subpart Y - WebFIRE Data Base.** After July 11, 2011, within 60 days after the date of completing each performance evaluation conducted to demonstrate compliance with this subpart, the owner or operator of the affected facility must submit the test date to EPA by successfully entering the data electronically into EPA's WebFIRE data base available at *http://cfpub.epa.gov/oarweb/index.cfm?action=fire.main.* For performance tests that cannot be entered into WebFIRE (i.e. Method 9 of appendix A-4 of this part opacity performance tests) the owner or operator of the affected facility must mail a summary copy to United States Environmental Protection Agency; Energy Strategies Group; 109 TW Alexander DR; mail code D243-01; RTP, NC 27711.
[40CFR§60.258(d)]

APPENDIX A

Monthly Report of Thermal Dryer Emissions
Consolidation Coal Company
Blacksville No. 2 Preparation Plant
Company ID No. 061-00016
Permit No. R13-0718D

1. Hours of operation:

2. Cumulative emissions of SO_2 in tons (current month):

3. Cumulative emissions of SO_2 in tons (current year):

4. Hours exceeding SO_2 emission rate (maximum hourly average):

5. Dryer fuel in tons:

6. Dryer fuel sulfur (%, as rec'd):

APPENDIX B [1]

Daily Throughput of Coal on Conveyors CB3 and CB16 Combined to the Preparation Plant
Consolidation Coal Company
Blacksville No. 2 Preparation Plant
Company ID No. 061-00016
Permit No. R13-0718D

Month _____ Year _____

Day of Month	Daily Throughput on CB3 and CB16 (Tons)	Hours Operated	Average Hourly Throughput (Tons/Hour)	Initials
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
Monthly Throughput				
12 Month Rolling Total[2]				
Max. Permitted Limit	10,000,000 TPY			

Note: (1) The **CERTIFICATION OF DATA ACCURACY** statement appearing on the reverse side shall be completed and kept on site for a period of no less than five (5) years and shall be made available to the Director or his or her duly authorized representative upon request.

APPENDIX C [1]

Certified Daily and Monthly Water Usage By The Pressurized Water Truck
Consolidation Coal Company
Blacksville No. 2 Preparation Plant
Company ID No. 061-00016
Permit No. R13-0718E

Month _____ Year _____

Day of Month	Water Truck Used (Y/N)	Quantity of Water Applied[2] (gallons)	Name and Amount of Chemical Suppressants Added (gallons)	Comments[3]	Initials
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					

Notes: (1) The **CERTIFICATION OF DATA ACCURACY** statement appearing on the reverse side shall be completed and kept on site for a period of no less than five (5) years and shall be made available to the Director or his or her duly authorized representative upon request.
(2) The quantity of water used may be estimated based on the volume of the tank and the number of times the water truck was refilled.
(3) Use the comment section to explain why the water truck was not in use or was used sparingly.

APPENDIX D – Weekly Opacity Record

Consolidation Coal Company
Blacksville No. 2 Preparation Plant
Company ID No. 061-00016
Permit No. R13-0718E

Date of Observation: ____________________________

Data Entered by: ______________________________

Reviewed by: _________________________________

Date Reviewed: _______________________________

Describe the General Weather Conditions: ____

____

Stack ID/Vent ID/Emission Point ID	Stack/Vent/Emission Point Description	Time of Observation	Visible Emissions? Yes/No	Consecutive Weeks of Visible Emissions	Comments

CERTIFICATION OF DATA ACCURACY

I, the undersigned, hereby certify that, based on information and belief formed after reasonable inquiry, all information contained in the attached _____, representing the period beginning _____ and ending _____, and any supporting documents appended hereto, is true, accurate, and complete.

Signature[1] _____ _____

(please use blue ink) Responsible Official or Authorized Representative Date

Name and Title _____ .....

(please print or type) Name Title

Telephone No. _____ Fax No. _____

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[1] This form shall be signed by a "Responsible Official." "Responsible Official" means one of the following:

a. For a corporation: The president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit and either:

(I) the facilities employ more than 250 persons or have a gross annual sales or expenditures exceeding $25 million (in second quarter 1980 dollars), or

(ii) the delegation of authority to such representative is approved in advance by the Director;

b. For a partnership or sole proprietorship: a general partner or the proprietor, respectively;

c. For a municipality, State, Federal, or other public entity: either a principal executive officer or ranking elected official. For the purposes of this part, a principal executive officer of a Federal agency includes the chief executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., a Regional Administrator of USEPA); or

d. The designated representative delegated with such authority and approved in advance by the Director.