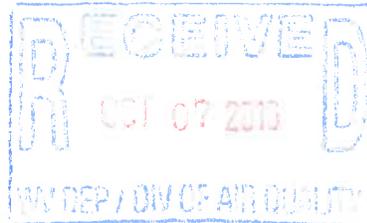

312 Justice Avenue
Logan, WV 25601

Phone (304) 752-8320
Fax (304) 752-7488

October 1, 2016



Mr. William F. Durham, Director
Division of Air Quality
601 57th Street SE
Charleston, WV 25304

RE: Pocahontas Coal Company, LLC
General Permit Initial and Mod
ID# 081-00012

Dear Mr. Durham:

On behalf of Pocahontas Coal Company, I am submitting the enclosed General Permit Application for the East Gulf Prep Plant Facility for your review and approval. The submittal fee of \$1,500 and additional copies are also included.

The application addresses the removal of the thermal dryer and associated belt conveyors. With this modification, the facility meets the requirements for conversion into the General Permit Program.

If additional information or clarification is needed, please contact me at the Logan address listed above or call 304-752-8320.

Sincerely,

Donna J. Toler
Air Quality Project Manager

donnatoler@suddenlink.net

TABLE OF CONTENTS

	WVDAQ Registration Application
Section A	Current Business Certificate
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Section M	Check List



WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 DIVISION OF AIR QUALITY
 601 - 57th Street SE
 Charleston, WV 25304
 Phone: (304) 926-0475 • www.wvdep.org

APPLICATION FOR GENERAL PERMIT REGISTRATION
 CONSTRUCT, MODIFY, RELOCATE OR ADMINISTRATIVELY UPDATE
 A STATIONARY SOURCE OF AIR POLLUTANTS

PLEASE CHECK ALL THAT APPLY (IF KNOWN):
 CONSTRUCTION MODIFICATION RELOCATION
 ADMINISTRATIVE UPDATE AFTER-THE-FACT

FOR AGENCY USE ONLY: PLANT I.D. # _____
 PERMIT # _____ PERMIT WRITER: _____

CHECK WHICH TYPE OF GENERAL PERMIT REGISTRATION YOU ARE APPLYING FOR:

- G10-C – Coal Preparation and Handling
- G20-B – Hot Mix Asphalt
- G30-D – Natural Gas Compressor Stations
- G33-A – Class I Spark Ignition Internal Combustion Engine
- G35-A – Natural Gas Compressor Stations (Flare/Glycol Dehydration Unit)

- G40-C – Nonmetallic Minerals Processing
- G50-B – Concrete Batch
- G60-C - Class II Emergency Generator
- G65-C – Class I Emergency Generator

SECTION I. GENERAL INFORMATION

1. NAME OF APPLICANT (AS REGISTERED WITH THE WV SECRETARY OF STATE'S OFFICE):
POCAHONTAS COAL COMPANY, LLC

2. FEDERAL EMPLOYER ID NO. (FEIN):
26-0128639

3. APPLICANT'S MAILING ADDRESS:

**109 Appalachian Drive
 Beckley, WV 25801**

4. IF APPLICANT IS A SUBSIDIARY CORPORATION, PLEASE PROVIDE THE NAME OF PARENT CORPORATION:

5. WV BUSINESS REGISTRATION. IS THE APPLICANT A RESIDENT OF THE STATE OF WEST VIRGINIA? YES NO
 ⇨ IF YES, PROVIDE A COPY OF THE CERTIFICATE OF INCORPORATION / ORGANIZATION / LIMITED PARTNERSHIP (ONE PAGE) INCLUDING ANY NAME CHANGE AMENDMENTS OR OTHER BUSINESS CERTIFICATE AS ATTACHMENT A.
 ⇨ IF NO, PROVIDE A COPY OF THE CERTIFICATE OF AUTHORITY / AUTHORITY OF L.L.C. / REGISTRATION (ONE PAGE) INCLUDING ANY NAME CHANGE AMENDMENTS OR OTHER BUSINESS CERTIFICATE AS ATTACHMENT A.

SECTION II. FACILITY INFORMATION

7. TYPE OF PLANT OR FACILITY (STATIONARY SOURCE) TO BE CONSTRUCTED, MODIFIED, RELOCATED OR ADMINISTRATIVELY UPDATED (E.G., COAL PREPARATION PLANT, PRIMARY CRUSHER, ETC.):

Coal Preparation Plant Conversion to General Permit Program – thermal dryer and associated belts to be removed

8. STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODE FOR THE FACILITY:

1221

9A. DAQ PLANT I.D. NO. (FOR AN EXISTING FACILITY): 081-00012	10A. LIST ALL CURRENT 45CSR13 AND 45CSR30 (TITLE V) PERMIT NUMBERS ASSOCIATED WITH THIS PROCESS (FOR EXISTING FACILITY ONLY): _R13-2484C
--	--

PRIMARY OPERATING SITE INFORMATION

11A. NAME OF PRIMARY OPERATING SITE: East Gulf Preparation Plant	12A. MAILING ADDRESS OF PRIMARY OPERATING SITE: 6001 Coal City Road, Rhodell, WV 25915
--	--

13A. DOES THE APPLICANT OWN, LEASE, HAVE AN OPTION TO BUY, OR OTHERWISE HAVE CONTROL OF THE *PROPOSED SITE*?

YES NO

⇒ IF YES, PLEASE EXPLAIN: **OWNER/OPERATOR**

⇒ IF NO, YOU ARE NOT ELIGIBLE FOR A PERMIT FOR THIS SOURCE.

14A. ⇒ FOR MODIFICATIONS or ADMINISTRATIVE UPDATES, AT AN EXISTING FACILITY, PLEASE PROVIDE DIRECTIONS TO THE *PRESENT LOCATION* OF THE FACILITY FROM THE NEAREST STATE ROAD;

⇒ FOR CONSTRUCTION OR RELOCATION PERMITS, PLEASE PROVIDE DIRECTIONS TO *THE PROPOSED NEW SITE LOCATION* FROM THE NEAREST STATE ROAD.

From Charleston, follow I-64 to Beckley, take Sophia Exit, follow Route 97 toward Twin Falls State Park for 7 miles, turn right on WV-54, go 5 miles – WV-54 becomes WV-16 for 8.5 miles, take right onto Coal City Road, go to prep plant on right at 6001 Coal City Road outside Rhodell

INCLUDE A MAP AS ATTACHMENT F.

15A. NEAREST CITY OR TOWN: Rhodell	16A. COUNTY: Raleigh	
17A. UTM NORTHING (KM): 474811.63	18A. UTM EASTING (KM): 416440819	19A. UTM ZONE: 17

Lat 37-37-35.21 long 81-17-07.62 NAD 83 sits on top of plant

1ST ALTERNATE OPERATING SITE INFORMATION (G20-B, G40-C, G50-C only)

11B. NAME OF PRIMARY OPERATING SITE: <hr/> <hr/>	12B. MAILING ADDRESS OF PRIMARY OPERATING SITE: <hr/> <hr/>	
13B. DOES THE APPLICANT OWN, LEASE, HAVE AN OPTION TO BUY, OR OTHERWISE HAVE CONTROL OF THE <i>PROPOSED SITE</i> ? <input type="checkbox"/> YES <input type="checkbox"/> NO ⇨ IF YES, PLEASE EXPLAIN: _____ _____ ⇨ IF NO, YOU ARE NOT ELIGIBLE FOR A PERMIT FOR THIS SOURCE.		
14B. ⇨ FOR MODIFICATIONS or ADMINISTRATIVE UPDATES , AT AN EXISTING FACILITY, PLEASE PROVIDE DIRECTIONS TO THE <i>PRESENT LOCATION</i> OF THE FACILITY FROM THE NEAREST STATE ROAD; ⇨ FOR CONSTRUCTION OR RELOCATION PERMITS , PLEASE PROVIDE DIRECTIONS TO <i>THE PROPOSED NEW SITE LOCATION</i> FROM THE NEAREST STATE ROAD. <hr/> <hr/> <hr/> INCLUDE A MAP AS ATTACHMENT F.		
15B. NEAREST CITY OR TOWN:	16B. COUNTY:	
17B. UTM NORTHING (KM):	18B. UTM EASTING (KM):	19B. UTM ZONE:

2ND ALTERNATE OPERATING SITE INFORMATION (G20-B, G40-C, G50-C only)

11C. NAME OF PRIMARY OPERATING SITE: _____	12C. MAILING ADDRESS OF PRIMARY OPERATING SITE: _____	
<p>13C. DOES THE APPLICANT OWN, LEASE, HAVE AN OPTION TO BUY, OR OTHERWISE HAVE CONTROL OF THE <i>PROPOSED SITE</i>?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>⇒ IF YES, PLEASE EXPLAIN: _____</p> <p>_____</p> <p>⇒ IF NO, YOU ARE NOT ELIGIBLE FOR A PERMIT FOR THIS SOURCE.</p>		
<p>14C. ⇒ FOR MODIFICATIONS or ADMINISTRATIVE UPDATES, AT AN EXISTING FACILITY, PLEASE PROVIDE DIRECTIONS TO THE <i>PRESENT LOCATION</i> OF THE FACILITY FROM THE NEAREST STATE ROAD;</p> <p>⇒ FOR CONSTRUCTION OR RELOCATION PERMITS, PLEASE PROVIDE DIRECTIONS TO <i>THE PROPOSED NEW SITE LOCATION</i> FROM THE NEAREST STATE ROAD.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>INCLUDE A MAP AS ATTACHMENT F.</p>		
15C. NEAREST CITY OR TOWN:	16C. COUNTY:	
17C. UTM NORTHING (KM):	18C. UTM EASTING (KM):	19C. UTM ZONE:
<p>20. PROVIDE THE DATE OF ANTICIPATED INSTALLATION OR CHANGE: Upon permit approval</p> <p>⇒ IF THIS IS AN AFTER-THE-FACT PERMIT APPLICATION, PROVIDE THE DATE UPON WHICH THE PROPOSED CHANGE DID HAPPEN: ____/____/____</p>		<p>21. DATE OF ANTICIPATED START- UP IF REGISTRATION IS GRANTED:</p> <p align="center">Upon permit approval</p>
<p>22. PROVIDE MAXIMUM PROJECTED OPERATING SCHEDULE OF ACTIVITY/ ACTIVITIES OUTLINED IN THIS APPLICATION:</p> <p>HOURS PER DAY 24 DAYS PER WEEK 7 WEEKS PER YEAR 52 PERCENTAGE OF OPERATION 100</p>		

**WEST VIRGINIA
STATE TAX DEPARTMENT
BUSINESS REGISTRATION
CERTIFICATE**

ISSUED TO:
**POCAHONTAS COAL COMPANY LLC
110 SPRINT DR
BLOUNTVILLE, TN 37617-5455**

BUSINESS REGISTRATION ACCOUNT NUMBER: 1023-9130

This certificate is issued on: 07/12/2011

*This certificate is issued by
the West Virginia State Tax Commissioner
in accordance with Chapter 11, Article 12, of the West Virginia Code*

*The person or organization identified on this certificate is registered
to conduct business in the State of West Virginia at the location above.*

This certificate is not transferrable and must be displayed at the location for which issued.
This certificate shall be permanent until cessation of the business for which the certificate of registration
was granted or until it is suspended, revoked or cancelled by the Tax Commissioner.

Change in name or change of location shall be considered a cessation of the business and a new
certificate shall be required.

TRAVELING/STREET VENDORS: Must carry a copy of this certificate in every vehicle operated by them.
CONTRACTORS, DRILLING OPERATORS, TIMBER/LOGGING OPERATIONS: Must have a copy of
this certificate displayed at every job site within West Virginia.

Attachment B

The East Gulf Preparation Plant facility is located in a very remote area near Rhodell in Raleigh County, WV. The facility is currently idle and proposed changes for de-energizing the thermal dryer and removal of the thermal dryer feed and reclaim conveyors will take place prior to restarting the plant. With changes in the controls and deletion of the thermal dryer system, this facility is eligible for the General Permit Program.

This application proposes changes in equipment identification, existing and proposed controls, material flow, and existing equipment, as well as the deletion of the railcar dump and deep mine conveyor systems.

The preparation plant facility will be fed by one truck dump bin area and one front-end loader fed bin area. Raw Coal will be delivered by truck to the raw coal stockpile area OS-01(SW-WS); fed to bin BS-01(PW) by front-end loader; discharge to a fully enclosed w/water screen SS-01(FW); be processed by a fully enclosed w/water breaker CR-01(FW); before being sent to the plant on a fully enclosed belt conveyor BC-01(FE) @ TP-01(UL-MDH) thru TP-07(TC-FW). Raw coal will also be received at the three-sided roofed truck dump bin BS-02(PW); be processed by breaker CR-02(FW); discharge to belt BC-02(PE); further processed by a secondary double roll crusher CR-03(FW); before being sent to the plant via a fully enclosed belt conveyor BC-03(FE) @ TP-08(UD-PW) thru TP-13(TC-FW). Raw coal will be processed by screen SS-02(FW) inside the plant @ TP-14(TC-FW); sent to the 5,500 ton raw coal silo BS-03(FE) @ TP-15(TC-FW) via belt conveyor BC-04(FE) @ TP-16(TC-FE); reclaimed to the plant via belt conveyor BC-05(FE) @ TP-17(TC-FE) and TP-18(TC-FW).

Clean coal from the plant will be delivered to clean coal stockpile area OS-02(SW-WS) via two partially belt conveyors BC-06(PE) and BC-07(PE) @ TP-19(TC-FW) thru TP-21(TC-MDH). Belt BC-06 can also discharge via flop

Attachment B

gate to belt conveyor BC-08(PE) which can send plant clean coal directly to the loadout via stockpile reclaim belt conveyor BC-09(PE). Stockpile OS-02 will reclaim under-pile to belt conveyor BC-09(PE); transfer to the loadout belt conveyor BC-10(FE); feed the rail surge and weigh bin BS-04(FE), BS-05(FE); and discharge to railcar via telescopic chute for delivery @ TP-22(TC-FE) thru TP-28(LR-TC).

Refuse will be delivered from the plant to the refuse bin BS-06(FE) via a series of partially enclosed belt conveyors BC-11(PE) thru BC-16(PE) @ TP-29(TC-FW) thru TP-35(TC-FE). The material will be loaded out to truck for delivery to the disposal area @ TP-36(LO-MDH) and TP-37(UL-MDH).

DESCRIPTION OF FUGITIVE EMISSIONS

Potential sources of fugitive particulate emissions for this facility include emissions, which are not captured by pollution control equipment and emissions from open stockpiles and vehicular traffic on paved haulroads and work areas. The haulroads and work areas will be controlled by water truck in accordance with section E.6.c.i. of the General Permit.

The water truck is equipped with pumps sufficient to maintain haulroads and work areas. The water truck will be operated three times daily, and more as needed in dry periods.

An additive to prevent freezing will be utilized in the winter months when freezing conditions are present.

NOT TO SCALE

Mapping By:
L.Claypool

**General Permit Registration
Material Flow Diagram
Facility ID: 081-00012**

East Gulf Preparation Plant

WV DEP Number: U-0162-83

MSHA Number: 46-08873

NPDES Number: WV1000063

Submittal Date: September 2016

Pocahontas Coal Company, LLC.

109 Appalachian Drive

Beckley, WV 25801

304-255-9030

NOT TO SCALE

Mapping By:
L. Claypool

**General Permit Registration
Site Plan
Facility ID: 081-00012**

East Gulf Preparation Plant

WV DEP Number: U-0162-83

MSHA Number: 46-08873

NPDES Number: WV1000063

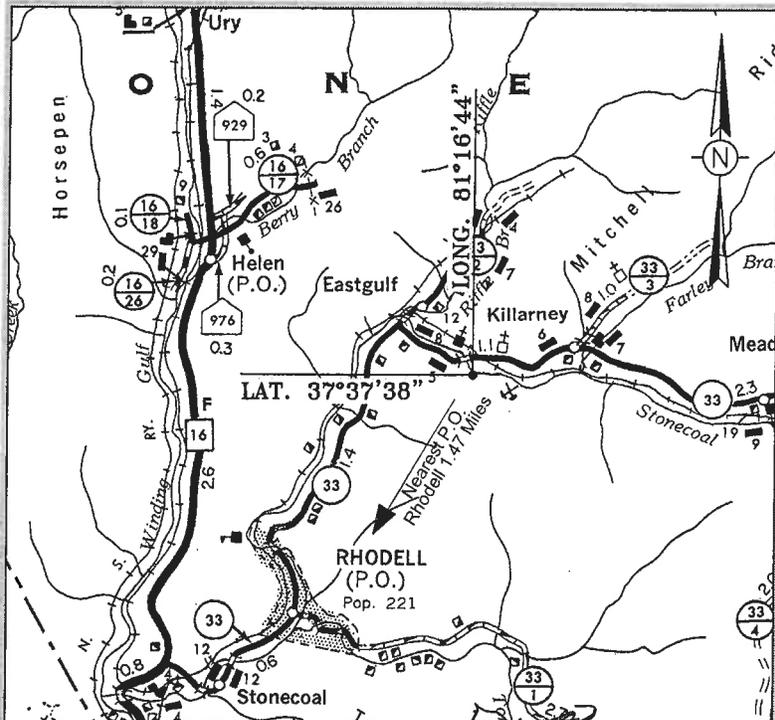
Submittal Date: September 2016

Pocahontas Coal Company, LLC.

109 Appalachian Drive

Beckley, WV 25801

304-255-9030



PERMIT NO. U-162-83 LOCATION MAP NPDES NO. WV1000063
 WV DEPT. OF HIGHWAYS
 SLAB FORK DISTRICT OF
 RALEIGH COUNTY, WV
 LESTER AND RHODELL QUADRANGLES
 SCALE 1" = 1 MILE

RECEIVING STREAMS: Unnamed tributary of/and Stonecoal Creek,
 unnamed tributaries of Tommy Creek of Stonecoal Creek,
 all of Winding Gulf of Guyandotte River.

CRUSHING AND SCREENING AFFECTED SOURCE SHEET

Source Identification Number ¹		SS-01	In plant SS-01		
Type of Crusher or Screen ²		Vibrating	DD		
Date of Manufacture ³		1978	1978		
Maximum Throughput ⁴	tons/hour	600	1200		
	tons/year	5,256,000	10,512,000		
Material sized from/to: ⁵		4x0	+4x0		
Average Moisture Content (%) ⁶		5	5		
Control Device ID Number ⁷		FW	FW		
Baghouse Stack Parameters ⁸	height (ft)	N/A	N/A		
	diameter (ft)				
	volume (ACFM)				
	exit temp (°F)				
	UTM Coordinates				
Maximum Operating Schedule ⁹	hours/day	24	24		
	days/year	365	365		
	hours/year	8760	8760		
Percentage of Operation ¹⁰	January-March	25	25		
	April-June	25	25		
	July-September	25	25		
	Oct-December	25	25		

1. Enter the appropriate Source Identification Number for each crusher and screen. For example, in the case of an operation which incorporates multiple crushers, the crushers should be designated CR-1, CR-2, CR-3 etc. beginning with the breaker or primary crusher. Multiple screens should be designated S-1, S-2, S-3 etc.
2. Describe types of crushers and screens using the following codes:

HM	Hammermill	SS	Stationary Screen
DR	Double Roll Crusher	SD	Single Deck Screen
BM	Ball Mill	DD	Double-Deck Screen
RB	Rotary Breaker	TD	Triple Deck Screen
JC	Jaw Crusher	OT	Other
GC	Gyratory Crusher		
OT	Other		
3. Enter the date that each crusher and screen was manufactured.
4. Enter the maximum throughput for each crusher and screen in tons per hour and tons per year.
5. Describe the nominal material size reduction (e.g. +2" - _").
6. Enter the average percent moisture content of the material processed.
7. *Device Identification Number Instructions* in the *Reference Document* for Control Device ID prefixes and numbering. Enter the appropriate Control Device Identification Number for each crusher and screen. Refer to Table A - *Control Device Listing* and *Control*
8. Enter the appropriate stack parameters if a baghouse control device is used.
9. Enter the maximum operating schedule for each crusher and screen in hours per day, days per year and hours per year.
10. Enter the estimated percentage of operation throughout the year for each crusher and screen.

CRUSHING AND SCREENING AFFECTED SOURCE SHEET

Source Identification Number ¹		CR-01	CR-02	CR-03	
Type of Crusher or Screen ²		Breaker	Breaker	DR	
Date of Manufacture ³		1978	2011	1978	
Maximum Throughput ⁴	tons/hour	600	600	600	
	tons/year	5,256,000	5,256,000	5,256,000	
Material sized from/to: ⁵		4x0	4x0	+2	
Average Moisture Content (%) ⁶		5	5	5	
Control Device ID Number ⁷		FW	FW	FW	
Baghouse Stack Parameters ⁸	height (ft)	N/A			
	diameter (ft)				
	volume (ACFM)				
	exit temp (°F)				
	UTM Coordinates				
Maximum Operating Schedule ⁹	hours/day	24	24	24	
	days/year	365	365	365	
	hours/year	8760	8760	8760	
Percentage of Operation ¹⁰	January-March	25	25	25	
	April-June	25	25	25	
	July-September	25	25	25	
	Oct-December	25	25	25	

1. Enter the appropriate Source Identification Number for each crusher and screen. For example, in the case of an operation which incorporates multiple crushers, the crushers should be designated CR-1, CR-2, CR-3 etc. beginning with the breaker or primary crusher. Multiple screens should be designated S-1, S-2, S-3 etc.
2. Describe types of crushers and screens using the following codes:

HM Hammermill	SS Stationary Screen
DR Double Roll Crusher	SD Single Deck Screen
BM Ball Mill	DD Double-Deck Screen
RB Rotary Breaker	TD Triple Deck Screen
JC Jaw Crusher	OT Other
GC Gyrotory Crusher	
OT Other - Quadroll	
3. Enter the date that each crusher and screen was manufactured.
4. Enter the maximum throughput for each crusher and screen in tons per hour and tons per year.
5. Describe the nominal material size reduction (e.g. +2" - 1/2").
6. Enter the average percent moisture content of the material processed.
7. Enter the appropriate Control Device Identification Number for each crusher and screen. Refer to Table A - *Control Device Listing and Control Device Identification Number Instructions* in the *Reference Document* for Control Device ID prefixes and numbering.
8. Enter the appropriate stack parameters if a baghouse control device is used.
9. Enter the maximum operating schedule for each crusher and screen in hours per day, days per year and hours per year.
10. Enter the estimated percentage of operation throughout the year for each crusher and screen.

CONVEYING AFFECTED SOURCE SHEET

Source Identification Number ¹	Date of Manufacture ²	Type of Material Handled ³	Size of Material Handled ⁴	Maximum Material Transfer Rate ⁵		Average Moisture Content (%) ⁶	Control Device ⁷
				tons/hour	tons/year		
BC-01	1978	RC	4x0	600	5,256,000	5	PE
BC-02	2011	RC	2x0	600	5,256,000	5	PE
BC-03	2011	RC	2x0	600	5,256,000	5	FE
BC-04	1978	RC	2x0	1200	10,512,000	5	PE
BC-05	1978	RC	2x0	1200	10,512,000	5	FE
BC-06	1986	CC	2x0	800	7,008,000	7	PE
BC-07	1986	CC	2x0	800	7,008,000	7	PE
BC-08	1986	CC	2x0	800	7,008,000	7	PE
BC-09	1983	CC	2x0	3500	7,008,000	7	PE
BC-10	2010	CC	2x0	3500	7,008,000	7	FE
BC-11	1986	Refuse	-1 3/8	600	5,256,000	15	PE
BC-12	1986	Refuse	-1 3/8	600	5,256,000	15	PE
BC-13	1986	Refuse	-1 3/8	600	5,256,000	15	PE
BC-14	1986	Refuse	-1 3/8	600	5,256,000	15	PE
BC-15	2001	Refuse	-1 3/8	600	5,256,000	15	PE
BC-16	2001	Refuse	-1 3/8	600	5,256,000	15	PE

STORAGE ACTIVITY AFFECTED SOURCE SHEET

Source Identification Number ¹	Loader Top Fed Bin BS-01	Truck Dump BS-02	Raw Coal Silo BS-03	Surge Bin BS-04	Weight Bin BS-05	Refuse Bin BS-06
Type of Material Stored ²	RC	RC	RC	CC	CC	Refuse
Average Moisture Content (%) ³	5	5	5	7	7	15
Maximum Yearly Storage Throughput (tons) ⁴	5,256,000	5,256,000	10,512,000	7,008,000	7,008,000	5,256,000
Maximum Storage Capacity (tons) ⁵	200	100	5,500	400	220	400
Maximum Base Area (ft ²) ⁶						
Maximum Pile Height (ft) ⁷						
Method of Material Load-in ⁸	TD	TD	SS	SS	SS	SS
Load-in Control Device Identification Number ⁹	UD-PW	UD-PW	TC-FE	TC-FE	TC-FE	TC-FE
Storage Control Device Identification Number ⁹	PW	PW	FE	FE	FE	FE
Method of Material Load-out ⁸	SS	SS	SS	TC	TC	FC
Load-out Control Device Identification Number ⁹	TC-FW	TC-FW	TC-FE	TC-FE	LR-TC	LO-MDH

1. Enter the appropriate Source Identification Number for each storage activity using the following codes. For example, if the facility utilizes three storage bins, four open stockpiles and one storage building (full enclosure), the Source Identification Numbers should be BS-1, BS-2, and BS-3; OS-1, OS-2, OS-3, and OS-4; and SB-1, respectively.

BS Bin or Storage Silo (full enclosure)	E3 Enclosure (three sided enclosure)
OS Open Stockpile	SB Storage Building (full enclosure)
SF Stockpiles with wind fences	OT Other

2. Describe the type of material stored or stockpiled (e.g. clean coal, raw coal, refuse, etc).
 3. Enter the average percent moisture content of the stored material.
 4. Enter the maximum yearly storage throughput for each storage activity.
 5. Enter the maximum storage capacity for each storage activity in tons (e.g. silo capacity, maximum stockpile size, etc.)
 6. For stockpiles, enter the maximum stockpile base area.
 7. For stockpiles, enter the maximum stockpile height.
 8. Enter the method of load-in or load-out to/from stockpiles or bins using the following codes:

CS Clamshell	SS Stationary Conveyor/Stacker
FC Fixed Height Chute from Bins	ST Stacking Tube
FE Front Endloader	TC Telescoping Chute from Bins
MC Mobile Conveyor/Stacker	TD Truck Dump
UC Under-pile or Under-Bin Reclaim Conveyor	PC Pneumatic Conveyor/Stacker
RC Rake or Bucket Reclaim Conveyor	OT Other

STORAGE ACTIVITY AFFECTED SOURCE SHEET

Source Identification Number ¹	RC OS-01	CC OS-02			
Type of Material Stored ²	RC	CC			
Average Moisture Content (%) ³	5	7			
Maximum Yearly Storage Throughput (tons) ⁴	5,256,000	7,008,000			
Maximum Storage Capacity (tons) ⁵	50,000	150,000			
Maximum Base Area (ft ²) ⁶	88,869	288,869			
Maximum Pile Height (ft) ⁷	75	75			
Method of Material Load-in ⁸	TD	SS			
Load-in Control Device Identification Number ⁹	UL-MDH	TC-MDH			
Storage Control Device Identification Number ⁹	SW-WS	SW-WS			
Method of Material Load-out ⁸	FE	UC			
Load-out Control Device Identification Number ⁹	UD-PW	LO-UC			

1. Enter the appropriate Source Identification Number for each storage activity using the following codes. For example, if the facility utilizes three storage bins, four open stockpiles and one storage building (full enclosure), the Source Identification Numbers should be BS-1, BS-2, and BS-3; OS-1, OS-2, OS-3, and OS-4; and SB-1, respectively.

BS Bin or Storage Silo (full enclosure)	E3 Enclosure (three sided enclosure)
OS Open Stockpile	SB Storage Building (full enclosure)
SF Stockpiles with wind fences	OT Other

2. Describe the type of material stored or stockpiled (e.g. clean coal, raw coal, refuse, etc).
3. Enter the average percent moisture content of the stored material.
4. Enter the maximum yearly storage throughput for each storage activity.
5. Enter the maximum storage capacity for each storage activity in tons (e.g. silo capacity, maximum stockpile size, etc.)
6. For stockpiles, enter the maximum stockpile base area.
7. For stockpiles, enter the maximum stockpile height.
8. Enter the method of load-in or load-out to/from stockpiles or bins using the following codes:
- | | |
|---|--------------------------------|
| CS Clamshell | SS Stationary Conveyor/Stacker |
| FC Fixed Height Chute from Bins | ST Stacking Tube |
| FE Front Endloader | TC Telescoping Chute from Bins |
| MC Mobile Conveyor/Stacker | TD Truck Dump |
| UC Under-pile or Under-Bin Reclaim Conveyor | PC Pneumatic Conveyor/Stacker |
| RC Rake or Bucket Reclaim Conveyor | OT Other |

Source	Stockpile	Silt	Stockpile	Control	Control
--------	-----------	------	-----------	---------	---------



EMISSIONS SUMMARY

Name of applicant: Pocahontas Coal Co, LLC
 Name of plant: East Gulf Prep Plant
 Jan-11

Particulate Matter or PM (for 45CSR14 Major Source Determination)

Uncontrolled PM		Controlled PM	
lb/hr	TPY	lb/hr	TPY

FUGITIVE EMISSIONS				
<i>Stockpile Emissions</i>	1.68	7.35	0.42	1.84
<i>Unpaved Haulroad Emissions</i>	345.01	1,516.72	103.50	455.02
<i>Paved Haulroad Emissions</i>	0.00	0.00	0.00	0.00
Fugitive Emissions Total	346.69	1,524.07	103.92	456.85

POINT SOURCE EMISSIONS				
<i>Equipment Emissions</i>	240.00	1,051.20	24.00	105.12
<i>Transfer Point Emissions</i>	28.86	88.87	5.95	18.17
Point Source Emissions Total*	268.86	1,140.07	29.95	123.29

*Note: Point Source Total Controlled PM TPY emissions is used for 45CSR14 Major Source determination (see below)

Facility Emissions Total	615.55	2,664.14	133.87	580.14
---------------------------------	---------------	-----------------	---------------	---------------

***Facility Potential to Emit (PTE) (Baseline Emissions) = 123.29**

(Based on Point Source Total controlled PM TPY emissions from above)

ENTER ON LINE 26 OF APPLICATION

Particulate Matter under 10 microns, or PM-10 (for 45CSR30 Major Source Determination)

Uncontrolled PM-10		Controlled PM-10	
lb/hr	TPY	lb/hr	TPY

FUGITIVE EMISSIONS				
<i>Stockpile Emissions</i>	0.79	3.45	0.20	0.86
<i>Unpaved Haulroad Emissions</i>	99.71	438.34	29.91	131.50
<i>Paved Haulroad Emissions</i>	0.00	0.00	0.00	0.00
Fugitive Emissions Total	100.50	441.79	30.11	132.37

POINT SOURCE EMISSIONS				
<i>Equipment Emissions</i>	112.80	494.06	11.28	49.41
<i>Transfer Point Emissions</i>	13.65	42.03	2.81	8.59
Point Source Emissions Total*	126.45	536.10	14.09	58.00

*Note: Point Source Total Controlled PM-10 TPY emissions is used for 45CSR30 Major Source determination

Facility Emissions Total	226.95	977.89	44.20	190.36
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1. Emissions From CRUSHING AND SCREENING

1a. Primary Crushing

Primary Crusher ID Number	PM				PM-10			
	Uncontrolled		Controlled		Uncontrolled		Controlled	
	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY
CR-01	12.000	52.560	1.200	5.256	5.640	24.703	0.564	2.470
CR-02	12.000	52.560	1.200	5.256	5.640	24.703	0.564	2.470
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	24.000	105.120	2.400	10.512	11.280	49.406	1.128	4.941

1b. Secondary and Tertiary Crushing

Secondary & Tertiary Crusher ID	PM				PM-10			
	Uncontrolled		Controlled		Uncontrolled		Controlled	
	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY
CR-03	36.000	157.680	3.600	15.768	16.920	74.110	1.692	7.411
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	36.000	157.680	3.600	15.768	16.920	74.110	1.692	7.411

1c. Screening

Screen ID Number	PM				PM-10			
	Uncontrolled		Controlled		Uncontrolled		Controlled	
	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY
SS-01	60.000	262.800	6.000	26.280	28.200	123.516	2.820	12.352
SS-02	120.000	525.600	12.000	52.560	56.400	247.032	5.640	24.703
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	180.000	788.400	18.000	78.840	84.600	370.548	8.460	37.055

Crushing and Screening	PM				PM-10			
	Uncontrolled		Controlled		Uncontrolled		Controlled	
	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY
TOTAL	240.000	1051.200	24.000	105.120	112.800	494.064	11.280	49.406

EMISSION FACTORS

source: Air Pollution Engineering Manual and References
(lb/ton of material throughput)

PM	
Primary Crushing	0.02
Tertiary Crushing	0.06
Screening	0.1

PM-10	
Primary Crushing	0.0094
Tertiary Crushing	0.0282
Screening	0.047

2. Emissions From TRANSFER POINTS

Transfer Point ID No.	PM				PM-10			
	Uncontrolled		Controlled		Uncontrolled		Controlled	
	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY
TP01	0.610	2.672	0.610	2.672	0.289	1.264	0.289	1.264
TP02	0.610	2.672	0.122	0.534	0.289	1.264	0.058	0.253
TP03	0.610	2.672	0.061	0.267	0.289	1.264	0.029	0.126
TP04	0.610	2.672	0.061	0.267	0.289	1.264	0.029	0.126
TP05	0.610	2.672	0.061	0.267	0.289	1.264	0.029	0.126
TP06	0.610	2.672	0.061	0.267	0.289	1.264	0.029	0.126
TP07	0.610	2.672	0.061	0.267	0.289	1.264	0.029	0.126
TP08	0.610	2.672	0.122	0.534	0.289	1.264	0.058	0.253
TP09	0.610	2.672	0.061	0.267	0.289	1.264	0.029	0.126
TP10	0.610	2.672	0.061	0.267	0.289	1.264	0.029	0.126
TP10	0.610	2.672	0.061	0.267	0.289	1.264	0.029	0.126
TP11	0.610	2.672	0.061	0.267	0.289	1.264	0.029	0.126
TP12	0.610	2.672	0.061	0.267	0.289	1.264	0.029	0.126
TP13	0.610	2.672	0.061	0.267	0.289	1.264	0.029	0.126
TP14	0.610	2.672	0.061	0.267	0.289	1.264	0.029	0.126
TP15	1.220	5.344	0.122	0.534	0.577	2.528	0.058	0.253
TP16	1.220	5.344	0.244	1.069	0.577	2.528	0.115	0.506
TP17	1.220	5.344	0.244	1.069	0.577	2.528	0.115	0.506
TP18	1.220	5.344	0.122	0.534	0.577	2.528	0.058	0.253
TP19	0.508	2.224	0.051	0.222	0.240	1.052	0.024	0.105
TP20	0.508	2.224	0.102	0.445	0.240	1.052	0.048	0.210
TP21	0.508	2.224	0.508	2.224	0.240	1.052	0.240	1.052
TP22	0.508	2.224	0.102	0.445	0.240	1.052	0.048	0.210
TP23	0.508	2.224	0.102	0.445	0.240	1.052	0.048	0.210
TP24	2.222	2.224	0.444	0.445	1.051	1.052	0.210	0.210
TP25	2.222	2.224	0.444	0.445	1.051	1.052	0.210	0.210
TP26	2.222	2.224	0.444	0.445	1.051	1.052	0.210	0.210
TP27	2.222	2.224	0.444	0.445	1.051	1.052	0.210	0.210
TP28	2.222	2.224	0.555	0.556	1.051	1.052	0.263	0.263
TP29	0.131	0.574	0.013	0.057	0.062	0.271	0.006	0.027
TP30	0.131	0.574	0.026	0.115	0.062	0.271	0.012	0.054
TP31	0.131	0.574	0.026	0.115	0.062	0.271	0.012	0.054
TP32	0.131	0.574	0.026	0.115	0.062	0.271	0.012	0.054
TP33	0.131	0.574	0.026	0.115	0.062	0.271	0.012	0.054
TP34	0.131	0.574	0.026	0.115	0.062	0.271	0.012	0.054
TP35	0.131	0.574	0.026	0.115	0.062	0.271	0.012	0.054
TP36	0.131	0.574	0.131	0.574	0.062	0.271	0.062	0.271
TP37	0.131	0.574	0.131	0.574	0.062	0.271	0.062	0.271
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

2. Emissions From TRANSFER POINTS (continued)

Transfer	PM				PM-10			
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Point ID No.	Uncontrolled		Controlled		Uncontrolled		Controlled	
	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTALS	28.860	88.869	5.947	18.165	13.650	42.033	2.813	8.592

Source:

AP42, Fifth Edition, Revised 11/2006
 13.2.4 Aggregate Handling and Storage Piles

Emissions From Batch Drop

$$E = k \cdot (0.0032) \cdot [(U/5)^{1.3}] / [(M/2)^{1.4}] = \text{pounds/ton}$$

Where:

		PM	PM-10
k =	Particle Size Multiplier (dimensionless)	0.74	0.35
U =	Mean Wind Speed (mph)		
M =	Material Moisture Content (%)		

Assumptions:

k - Particle size multiplier

For PM (< or equal to 30um) k = 0.74

For PM-10 (< or equal to 10um) k = 0.35

Emission Factor

For PM $E = \frac{\$88 \cdot (0.0032) \cdot (((\text{Inputs!}\$72)/5)^{1.3})}{((\text{Inputs!}G78 + 0.00000001)/2)^{1.4}}$
 =lb/ton

For PM-10 $E = \frac{\$88 \cdot (0.0032) \cdot (((\text{Inputs!}\$72)/5)^{1.3})}{((\text{Inputs!}G78 + 0.00000001)/2)^{1.4}}$
 =lb/ton

For lb/hr $[\text{lb/ton}] \cdot [\text{ton/hr}] = [\text{lb/hr}]$

For Tons/year $[\text{lb/ton}] \cdot [\text{ton/yr}] \cdot [\text{ton}/2000\text{lb}] = [\text{ton/yr}]$

3. Emissions From WIND EROSION OF STOCKPILES

Stockpile ID No.	PM				PM-10			
	Uncontrolled		Controlled		Uncontrolled		Controlled	
	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY
OS01	0.568	2.490	0.142	0.622	0.267	1.170	0.067	0.293
OS02	1.109	4.856	0.277	1.214	0.521	2.282	0.130	0.571
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTALS	1.677	7.346	0.419	1.837	0.788	3.453	0.197	0.863

Source:

Air Pollution Engineering Manual

Storage Pile Wind Erosion (Active Storage)

$$E = 1.7 \cdot [s/1.5] \cdot [(365-p)/235] \cdot [f/15] = (\text{lb/day/acre})$$

Where:

s =	silt content of material
p =	number of days with >0.01 inch of precipitation per year
f =	percentage of time that the unobstructed wind speed exceeds 12 mph at the mean pile height

Emission Factors

For PM $E = (1.7) \cdot ((\text{Inputs!F147})/1.5) \cdot ((365 - \text{Inputs!I139})/235) \cdot ((\text{Inputs!I140})/15)$

For PM-10 $E = 0.47 \cdot (1.7) \cdot ((\text{Inputs!F147})/1.5) \cdot ((365 - \text{Inputs!I139})/235) \cdot ((\text{Inputs!I140})/15)$

For lb/hr $[\text{lb/day/acre}] \cdot [\text{day}/24\text{hr}] \cdot [\text{base area of pile (acres)}] = \text{lb/hr}$

For Ton/yr $[\text{lb/day/acre}] \cdot [365\text{day/yr}] \cdot [\text{Ton}/2000\text{lb}] \cdot [\text{base area of pile (acres)}] = \text{Ton/yr}$

4. Emissions From UNPAVED HAULROADS

Item No.	PM				PM-10			
	Uncontrolled		Controlled		Uncontrolled		Controlled	
	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY
1	2.26	9.89	0.68	2.97	0.65	2.86	0.20	0.86
2	2.15	9.41	0.64	2.82	0.62	2.72	0.19	0.82
3	180.23	791.39	54.07	237.42	52.09	228.72	15.63	68.62
4	90.12	395.70	27.03	118.71	26.04	114.36	7.81	34.31
5	70.26	310.33	21.08	93.10	20.31	89.69	6.09	26.91
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS	345.01	1516.72	103.50	455.02	99.71	438.34	29.91	131.50

Source:

AP42, Fifth Edition, Revised 11/2006

13.2.2 Unpaved Roads

Emission Estimate For Unpaved Haulroads at Industrial Sites (equation 1)

$$E = k \cdot (s/12)^a \cdot (W/3)^b = \text{lb/vmt}$$

Where:

		PM	PM-10
k =	particle size multiplier	4.90	1.50
a =	empirical constant	0.7	0.9
b =	empirical constant	0.45	0.45

Emission Factors

For PM $E = ((\$35) \cdot (((\text{Inputs!}\$163)/12)^{(\$36)}) \cdot (((\text{Inputs!}H171)/3)^{\$37}))$

For PM-10 $E = ((\$J35) \cdot (((\text{Inputs!}\$163)/12)^{(\$J36)}) \cdot (((\text{Inputs!}H171)/3)^{\$J37}))$

For lb/hr $(\text{lb/vmt}) \cdot (\text{miles per trip}) \cdot (\text{Max trips per hour})$

For Ton/yr $(\text{lb/vmt}) \cdot (\text{miles per trip}) \cdot (\text{Max trips per year}) \cdot (1/2000)$

5. Emissions From INDUSTRIAL PAVED HAULROADS

Item No.	PM				PM-10			
	Uncontrolled		Controlled		Uncontrolled		Controlled	
	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source:

AP42, Fifth Edition, Revised 11/2006
13.2.1 PAVED ROADS

Emission Estimate For Paved Haulroads

$$E = [k * (sL/2)^{0.65} * (W/3)^{1.5} - C] * (1 - (P/4*N)) = \text{lb / Vehicle Mile Traveled (VMT)}$$

Where:

		PM	PM-10
k =	particle size multiplier	0.082	0.016
sL =	road surface silt loading, (g/ft ²)	1	
P =	number of days per year with precipitation >0.01 inch	157	
N =	number of days in averaging period	365	
C =	factor for exhaust, brake wear and tire wear	0.0047	0.0047

Emission Factors

For PM E= $(k * (sL/2)^{0.65} * ((W/3)^{1.5} - C) * (1 - (P/4*N)))$

For PM-10 E= $(k * (sL/2)^{0.65} * ((W/3)^{1.5} - C) * (1 - (P/4*N)))$

For lb/hr (lb/vmt)*(miles per trip)*(Max trips per hour)

For Ton/yr (lb/vmt)*(miles per trip)*(Max trips per year)*(1/2000)

Legal Advertisement

**AIR QUALITY PERMIT NOTICE
Notice of Application**

Notice is given that Pocahontas Coal Company, LLC has applied to the West Virginia Department of Environmental Protection, Division of Air Quality, for a General Permit Registration for a preparation plant and railcar loadout facility located off Coal City Road Highway 3/3 near Rhodell in Raleigh County, West Virginia. The location coordinates for the facility are: latitude 37.626447 and longitude -81.285450.

The applicant estimates the potential to discharge the following Regulated Air Pollutants will be: particulate matter baseline emissions of 123 ton per year, point source emissions particulate matter less than 10 microns total of 58 tons per year, and the controlled facility emission total of 580 tons per year.

Startup of operation is planned to begin upon permit approval. Written comments will be received by the West Virginia Department of Environmental Protection, Division of Air Quality, 601 57th Street, SE, Charleston, WV 25304, for at least 30 calendar days from the date of publication of this notice.

Any questions regarding this permit application should be directed to the DAQ at (304) 926-0499, extension 1227, during normal business hours.

Dated this the 4th day of October 2016

By: Pocahontas Coal Company, LLC
John McNew
Authorized Agent
109 Appalachian Drive
Beckley, WV 25801

ATTACHMENT K

ELECTRONIC SUBMITTAL

**LOCATED IN ORIGINAL COPY OF REGISTRATION
APPLICATION**

SECTION IV. CERTIFICATION OF INFORMATION

This General Permit Registration Application shall be signed below by a Responsible Official. A Responsible Official is a President, Vice President, Secretary, Treasurer, General Partner, General Manager, a member of a Board of Directors, or Owner, depending on business structure. A business may certify an Authorized Representative who shall have authority to bind the Corporation, Partnership, Limited Liability Company, Association, Joint Venture or Sole Proprietorship. Required records of daily throughput, hours of operation and maintenance, general correspondence, Emission Inventory, Certified Emission Statement, compliance certifications and all required notifications must be signed by a Responsible Official or an Authorized Representative. If a business wishes to certify an Authorized Representative, the official agreement below shall be checked off and the appropriate names and signatures entered. Any administratively incomplete or improperly signed or unsigned Registration Application will be returned to the applicant.

FOR A CORPORATION (domestic or foreign)

I certify that I am a President, Vice President, Secretary, Treasurer or in charge of a principal business function of the corporation

FOR A PARTNERSHIP

I certify that I am a General Partner

FOR A LIMITED LIABILITY COMPANY

I certify that I am a General Partner or General Manager

FOR AN ASSOCIATION

I certify that I am the President or a member of the Board of Directors

FOR A JOINT VENTURE

I certify that I am the President, General Partner or General Manager

FOR A SOLE PROPRIETORSHIP

I certify that I am the Owner and Proprietor

is an Authorized Representative and in that capacity shall represent the interest of the business (e.g., Corporation, Partnership, Limited Liability Company, Association Joint Venture or Sole Proprietorship) and may obligate and legally bind the business. If the business changes its Authorized Representative, a Responsible Official shall notify the Chief of the Office of Air Quality immediately, and/or,

I hereby certify that all information contained in this General Permit Registration Application and any supporting documents appended hereto is, to the best of my knowledge, true, accurate and complete, and that all reasonable efforts have been made to provide the most comprehensive information possible

Signature _____

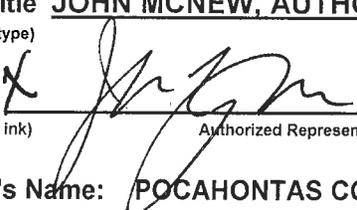
(please use blue ink)

Responsible Official

Date

Name & Title JOHN MCNEW, AUTHORIZED AGENT

(please print or type)

Signature 

(please use blue ink)

Authorized Representative (if applicable)

Date

9-7-16

Applicant's Name: POCAHONTAS COAL COMPANY, LLC

Phone 304-255-9030

Email: jmnew@unitedcoal.com and lclaypool@united coal.com(contact)

LIMITED POWER OF ATTORNEY

WHEREAS, United Coal Company LLC, a Virginia limited liability company, is the sole member of Pocahontas Coal Company LLC, a West Virginia limited liability company, hereinafter referred to as "Pocahontas".

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS:

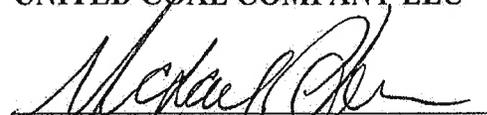
That United Coal Company LLC does hereby make, constitute and appoint for a term commencing on the date hereof and expiring on December 31, 2016, John C. McNew, the true and lawful attorney for Pocahontas and in its name and on its behalf to execute any permit applications including any MSHA, West Virginia Miners Health and Safety and Training permits and plans, U. S. Army Corps of Engineers permits, West Virginia Department of Environmental Protection permits, West Virginia Department of Natural Resources Permits and West Virginia Department of Highways agreements and permits, which he may deem necessary or proper in connection with the business of Pocahontas. The said John C. McNew, as Attorney in Fact, is empowered to execute, acknowledge and deliver any such instruments, permits or documents as fully as if special authority had been granted in each particular case by the sole member of Pocahontas.

Executed as of the 1st day of January 2016.

ATTEST:

UNITED COAL COMPANY LLC


Mark D. McCormick
General Counsel, Secretary and
VP of HR and Risk Management


Michael P. Zervos
President, CEO and Member of
Board of Managers

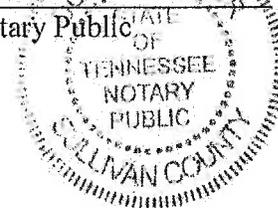
STATE OF TENNESSEE

COUNTY OF SULLIVAN

The foregoing instrument was acknowledged before me on this 1st day of January 2016, by Michael P. Zervos, Chief Executive Officer, President and Member of the Board of Managers of United Coal Company LLC, sole member of Pocahontas Coal Company LLC on behalf of said company.

My Commission Expires: 7/18/2017


Notary Public



SECTION III. ATTACHMENTS AND SUPPORTING DOCUMENTS

PLEASE CHECK ALL ATTACHMENTS INCLUDED WITH THIS PERMIT APPLICATION:

Please See the appropriate reference document for an explanation of the attachments listed below.

- ATTACHMENT A : CURRENT BUSINESS CERTIFICATE
- ATTACHMENT B: PROCESS DESCRIPTION
- ATTACHMENT C: DESCRIPTION OF FUGITIVE EMISSIONS
- ATTACHMENT D: PROCESS FLOW DIAGRAM
- ATTACHMENT E: PLOT PLAN
- ATTACHMENT F: AREA MAP
- ATTACHMENT G: AFFECTED SOURCE SHEETS
- ATTACHMENT H: BAGHOUSE AIR POLLUTION CONTROL DEVICE SHEET
- ATTACHMENT I: EMISSIONS CALCULATIONS
- ATTACHMENT J: CLASS I LEGAL ADVERTISEMENT
- ATTACHMENT K: ELECTRONIC SUBMITTAL DISKETTE
- CERTIFICATION OF INFORMATION
- APPLICATION FEE

PLEASE MAIL AN ORIGINAL AND TWO COPIES OF THE COMPLETE GENERAL PERMIT REGISTRATION APPLICATION WITH THE SIGNATURE(S) TO THE DAQ PERMITTING SECTION AT THE ADDRESS SHOWN ON THE FRONT PAGE. PLEASE DO NOT FAX PERMIT APPLICATIONS. FOR QUESTIONS REGARDING APPLICATIONS OR WEST VIRGINIA AIR POLLUTION RULES AND REGULATIONS PLEASE CALL (304) 926-3727.