

PRITCHARD MINING COMPANY, INC.

August 18, 2016

Mr. Fred Teel, ERS III
West Virginia Division of Air Quality
601 57th Street, SE
Charleston, West Virginia 25304



Re: Pritchard Mining Company, Inc.
Rock Crusher, Plant I.D. 039-00470
Permit R13-2239A

Dear Mr. Teel:

Pritchard Mining Company Inc. submits the following for your consideration:

- The company has maintained a portable rock crusher on their active mining permits for several years.
- Most recent modification to the permit was in 2014, with an update to document addition of screen and short stacking conveyors. Within that application, the company identified an alternate site for the conveyor, on an active mine site under SMCRA permit by their sister company, Tyler Morgan LLC.
- The new location is isolated from residential sites by several miles.
- The company wishes to relocate the portable crusher and supporting equipment to this alternate site, as described in the attached G40 request for modification and relocation. Relocation is necessary since the associated mine site providing source rock is now fully reclaimed.
- The modification is a swapping-out of the portable jaw crusher unit with a refurbished Lippmann jaw crusher, of same throughput rating; ancillary equipment (screen, stacking belts) remains the same.

We respectfully request that you consider the information regarding general operational practices for this facility and the relocation. Activity of the facility is expected to remain intermittent, based upon the demand for rock needed on haulroads, ditch linings, etc.

If you have any questions, please contact me at (304)513-6942.

Sincerely,



Bruce Vest, Vice President



Pritchard Mining
Company, Inc.
Tyler Morgan Mine
039-00693
G40-081 Lee
Martin

CC: File



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

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

CONSTRUCTION MODIFICATION RELOCATION CLASS I ADMINISTRATIVE UPDATE
 CLASS II ADMINISTRATIVE UPDATE

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

- | | |
|--|---|
| <input type="checkbox"/> G10-D – Coal Preparation and Handling | <input checked="" type="checkbox"/> G40-C – Nonmetallic Minerals Processing |
| <input type="checkbox"/> G20-B – Hot Mix Asphalt | <input type="checkbox"/> G50-B – Concrete Batch |
| <input type="checkbox"/> G30-D – Natural Gas Compressor Stations | <input type="checkbox"/> G60-C – Class II Emergency Generator |
| <input type="checkbox"/> G33-A – Spark Ignition Internal Combustion Engines | <input type="checkbox"/> G65-C – Class I Emergency Generator |
| <input type="checkbox"/> G35-A – Natural Gas Compressor Stations (Flare/Glycol Dehydration Unit) | <input type="checkbox"/> G70-A – Class II Oil and Natural Gas Production Facility |

SECTION I. GENERAL INFORMATION

1. Name of applicant (as registered with the WV Secretary of State's Office):
Pritchard Mining Company, Inc.

2. Federal Employer ID No. (FEIN):
 55-9687634

3. Applicant's mailing address:

PO Box 3311

Charleston, WV 25333

4. Applicant's physical address:

One Carbon Center, Suite 200

Chesapeake, WV 25315

5. If applicant is a subsidiary corporation, please provide the name of parent corporation: N/A

6. 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 Registration Certificate as Attachment A.
- IF NO, provide a copy of the Certificate of Authority / Authority of LLC / 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.):

Portable Rock Crusher

8a. Standard Industrial Classification

AND

8b. North American Industry Classification

Classification (SIC) code: 1400

System (NAICS) code: 21

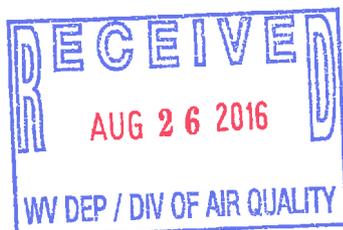
9. DAQ Plant ID No. (for existing facilities only):

 0 3 9 - 0 0 4 7 0

10. List all current 45CSR13 and other General Permit numbers associated with this process (for existing facilities only):

R13-2239, R13-2239A

PD98-060



A: PRIMARY OPERATING SITE INFORMATION

11A. Facility name of primary operating site: Fourmile Surface Mine <hr/> Proposing to move to: Fourmile Hollow near Standard, WV	12A. Address of primary operating site: PO B0x 3311, Charleston, WV Fourmile Hollow Road, Hernshaw, WV Mailing: _____ Physical: _____ <hr/> This site is being closed due to reclamation of site for source rock - moving to alternate site #1	
13A. Does the applicant own, lease, have an option to buy, or otherwise have control of the proposed site? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO - IF YES, please explain: <u>Property is leased for coal mining purposes; rock crusher is used to generate material for mine road</u> <u>Construction, drainage channel linings, etc.</u> - 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. Include a MAP as Attachment F. <hr/> <hr/>		
15A. Nearest city or town: From Hernshaw - moving to near Standard, WV	16A. County: Kanawha	17A. UTM Coordinates: for Standard, WV site Northing (KM): <u>444000</u> Easting (KM): <u>4230000</u> Zone: <u>17</u>
18A. Briefly describe the proposed new operation or change (s) to the facility: Rock crusher is moved to active mine site; changing out the jaw crusher, but maintaining the screens, short stacking conveyors and general stockpile arrangement as in the former Hernshaw site		19A. Latitude & Longitude Coordinates (NAD83, Decimal Degrees to 5 digits): Latitude: <u>38.10441</u> Longitude: <u>-81.40638</u>

B: 1ST ALTERNATE OPERATING SITE INFORMATION (only available for G20, G40, & G50 General Permits)

11B. Name of 1 st alternate operating site: <u>Tyler Morgan Surface Mine</u> <hr/>	12B. Address of 1 st alternate operating site: Mailing: <u>PO Box 3301, Charleston, WV</u> Physical: <u>Fourmile Mine Road, Standard, WV</u> <hr/>
13B. Does the applicant own, lease, have an option to buy, or otherwise have control of the proposed site? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO - IF YES, please explain: <u>Property is leased for coal mining purposes; rock crusher operational area is leased to operator to generate stone appropriately sized for mine road construction and maintenance, drainage channel linings, etc.</u> - 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 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. Include a **MAP as Attachment F.**

4.7 miles south of the junction of County Route 83 and WV61, turn right at the community of Standard, WV onto CR 83/4 and go 1.24 miles to the mine haulroad; follow main haulroad up to central location on reclaimed backfill area, approximately 1.25 miles

Location map, attachment F is provided.

15B. Nearest city or town: Standard, WV	16B. County: Kanawha	17B. UTM Coordinates: Northing (KM): _____ Easting (KM): _____ Zone: _____
18B. Briefly describe the proposed new operation or change (s) to the facility: Relocating portable crusher and supporting screen, hopper, and stackers to active mine site near Standard, WV from former location near Hernshaw. In this process, the crusher is being replaced by a Lippmann Jaw Crusher serial no. 551003.		19B. Latitude & Longitude Coordinates (NAD83, Decimal Degrees to 5 digits): Latitude: <u>38.10441</u> Longitude: <u>-81.40638</u>

C: 2ND ALTERNATE OPERATING SITE INFORMATION (only available for G20, G40, & G50 General Permits):

11C. Name of 2 nd alternate operating site: _____	12C. Address of 2 nd alternate operating site: Mailing: _____ Physical: _____	
13C. Does the applicant own, lease, have an option to buy, or otherwise have control of the proposed site? __ YES __ NO		
— IF YES, please explain: _____		
— IF NO, YOU ARE NOT ELIGIBLE FOR A PERMIT FOR THIS SOURCE.		
14C. — 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. Include a MAP as Attachment F.		

15C. Nearest city or town:	16C. County:	17C. UTM Coordinates: Northing (KM): _____ Easting (KM): _____ Zone: _____
18C. Briefly describe the proposed new operation or change (s) to the facility:		19C. Latitude & Longitude Coordinates (NAD83, Decimal Degrees to 5 digits): Latitude: _____ Longitude: _____

<p>20. Provide the date of anticipated installation or change:</p> <p>____/____/____</p> <p><input type="checkbox"/> If this is an After-The-Fact permit application, provide the date upon which the proposed change did happen: : Crusher has not ran</p> <p>____ 05 / 15 ____ / ____ 15 ____ since it was moved to 4 mile fork surafce #2</p>	<p>21. Date of anticipated Start-up if registration is granted:</p> <p>__09__ / __30__ / 2016__</p>
<p>22. Provide maximum projected Operating Schedule of activity/activities outlined in this application if other than 8760 hours/year. (Note: anything other than 24/7/52 may result in a restriction to the facility's operation).</p> <p>Hours per day __10__ Days per week __6__ Weeks per year __52__ Percentage of operation __25__</p>	

SECTION III. ATTACHMENTS AND SUPPORTING DOCUMENTS

<p>23. Include a check payable to WVDEP – Division of Air Quality with the appropriate application fee (per 45CSR22 and 45CSR13).</p>
<p>24. Include a Table of Contents as the first page of your application package.</p>
<p>All of the required forms and additional information can be found under the Permitting Section (General Permits) of DAQ's website, or requested by phone.</p>
<p>25. Please check all attachments included with this permit application. Please refer to the appropriate reference document for an explanation of the attachments listed below.</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> ATTACHMENT A : CURRENT BUSINESS CERTIFICATE <input checked="" type="checkbox"/> ATTACHMENT B: PROCESS DESCRIPTION <input checked="" type="checkbox"/> ATTACHMENT C: DESCRIPTION OF FUGITIVE EMISSIONS <input checked="" type="checkbox"/> ATTACHMENT D: PROCESS FLOW DIAGRAM <input checked="" type="checkbox"/> ATTACHMENT E: PLOT PLAN <input checked="" type="checkbox"/> ATTACHMENT F: AREA MAP <input type="checkbox"/> ATTACHMENT G: EQUIPMENT DATA SHEETS AND REGISTRATION SECTION APPLICABILITY FORM <input type="checkbox"/> ATTACHMENT H: AIR POLLUTION CONTROL DEVICE SHEETS <input type="checkbox"/> ATTACHMENT I: EMISSIONS CALCULATIONS <input checked="" type="checkbox"/> ATTACHMENT J: CLASS I LEGAL ADVERTISEMENT <input type="checkbox"/> ATTACHMENT K: ELECTRONIC SUBMITTAL <input checked="" type="checkbox"/> ATTACHMENT L: GENERAL PERMIT REGISTRATION APPLICATION FEE <input type="checkbox"/> ATTACHMENT M: SITING CRITERIA WAIVER <input type="checkbox"/> ATTACHMENT N: MATERIAL SAFETY DATA SHEETS (MSDS) <input checked="" type="checkbox"/> ATTACHMENT O: EMISSIONS SUMMARY SHEETS <input type="checkbox"/> OTHER SUPPORTING DOCUMENTATION NOT DESCRIBED ABOVE (Equipment Drawings, Aggregation Discussion, etc.) <p>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 of this application. Please DO NOT fax permit applications. For questions regarding applications or West Virginia Air Pollution Rules and Regulations, please refer to the website shown on the front page of the application or call the phone number also provided on the front page of the application.</p>

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



I hereby certify that (please print or type) _____ 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 Director 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

Andrew B. Jordan, President

8/22/16
Date

Name & Title _____
(please print or type)

Signature _____
(please use blue ink) Authorized Representative (if applicable)

Date

Applicant's Name _____

Phone & Fax _____

Phone

Fax

Email _____

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

ISSUED TO:
**PRITCHARD MINING COMPANY INC
13905 MACCORKLE AVE 200
CHESAPEAKE, WV 25315-0000**

BUSINESS REGISTRATION ACCOUNT NUMBER: 1040-5257

This certificate is issued on: **06/12/2013**

*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.**

Pritchard Mining Company, Inc.
Portable Rock Crusher
Attachment B

Process Description

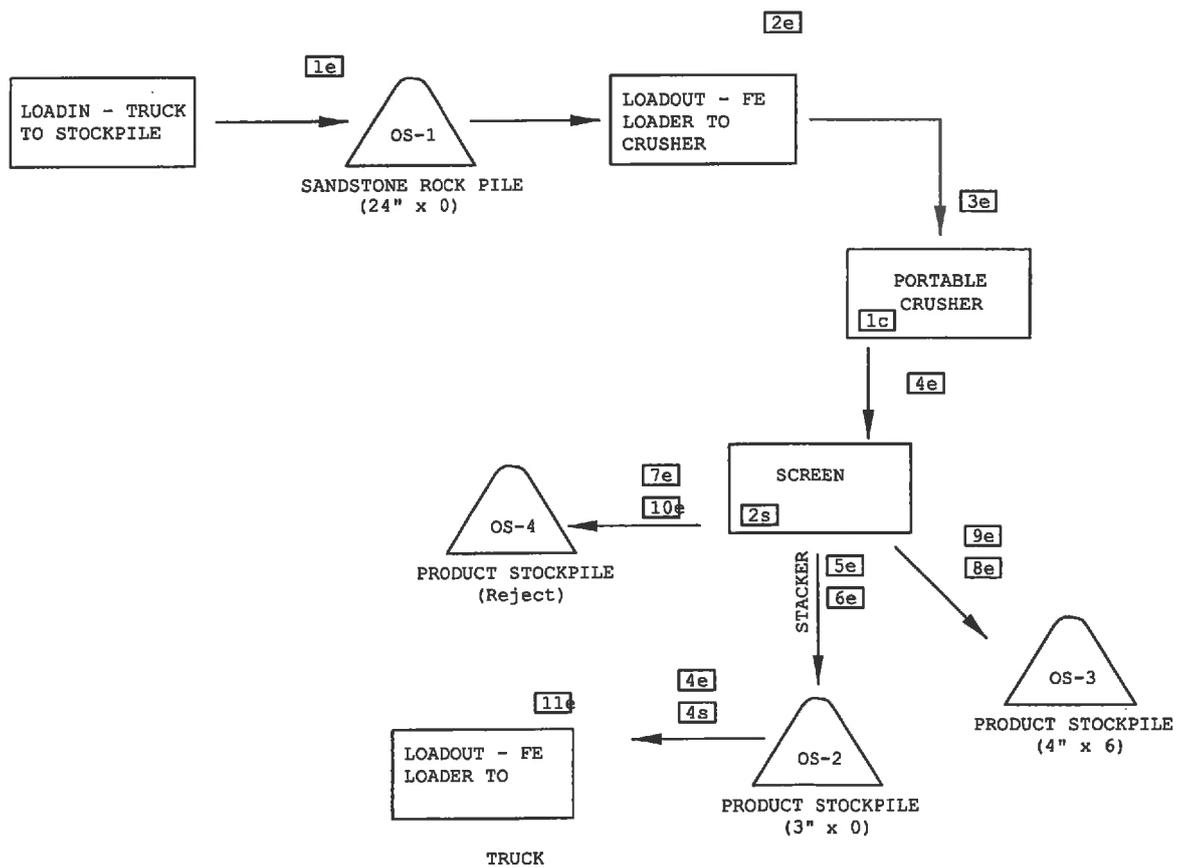
Pritchard Mining Company, Inc. proposes to relocate a portable rock crusher with screen from a former location on surface mine permit near 4Mile branch of Lens Creek, near Hernshaw, West Virginia to an active surface mine permit operated by Tyler Morgan LLC near Fourmile Fork of Paint Creek, near Standard, West Virginia. Pritchard acquired rights to use the area via contract with Tyler Morgan. In relocating this facility (R13-2239A, 039-00470), Pritchard proposes to exchange the Jeffrey crusher with a Lippmann jaw crusher, serial no. 551003. The material handling components of this portable rock crushing facility will remain as in the Hernshaw site, and as described in the following paragraph.

This facility includes delivery of native rock, predominately durable grey sandstone to a stockpile near the crusher. The receiving hopper will be fed by front-end loader. Use of the screen will allow the company to prepare rock sized for various construction projects, which will be discharged to small stockpiles by short conveyor. The primary material will be a 4" x 6" product, with a short conveyor discharging a 3" diameter rock, and another for reject material. Material discharged from the facility will be dropped to ground level and temporarily stored in small stockpiles until it is loaded into dump truck for transport away from the stockpile yard. Rock products generated will be used for access road construction, ditch linings, ditch and pond outlet protection, and other construction activities.

The equipment will be located on regraded fill material, isolated from nearby communities by distance and terrain. Particulate matter, fugitive dust from handling the sandstone, will be controlled by periodic wetting by the water truck which is maintained on site for dust suppression on the mine roads.

Pritchard Mining Company, Inc.
Portable Rock Crusher
Attachment C

The only material processed, used or handled in the Pritchard Mining Company Inc. facility is native rock, predominately sandstone. The rock is to be sized through the facility for use on roads, drainage channel linings, pond outlets, and other construction-related operations. No MSDS for particulates or fugitive dust generated from handling this material is available, to our knowledge.

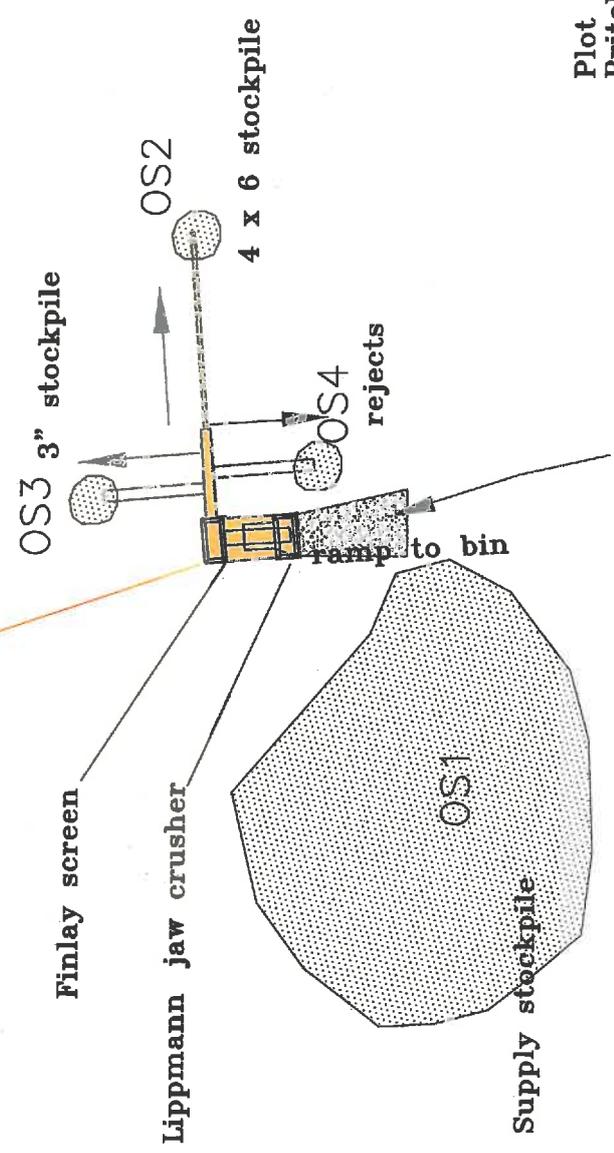


PROCESS LINE SCHEMATIC
 Pritchard Mining Co., Inc.
 Portable Rock Crusher Operation

ATTACHMENT D

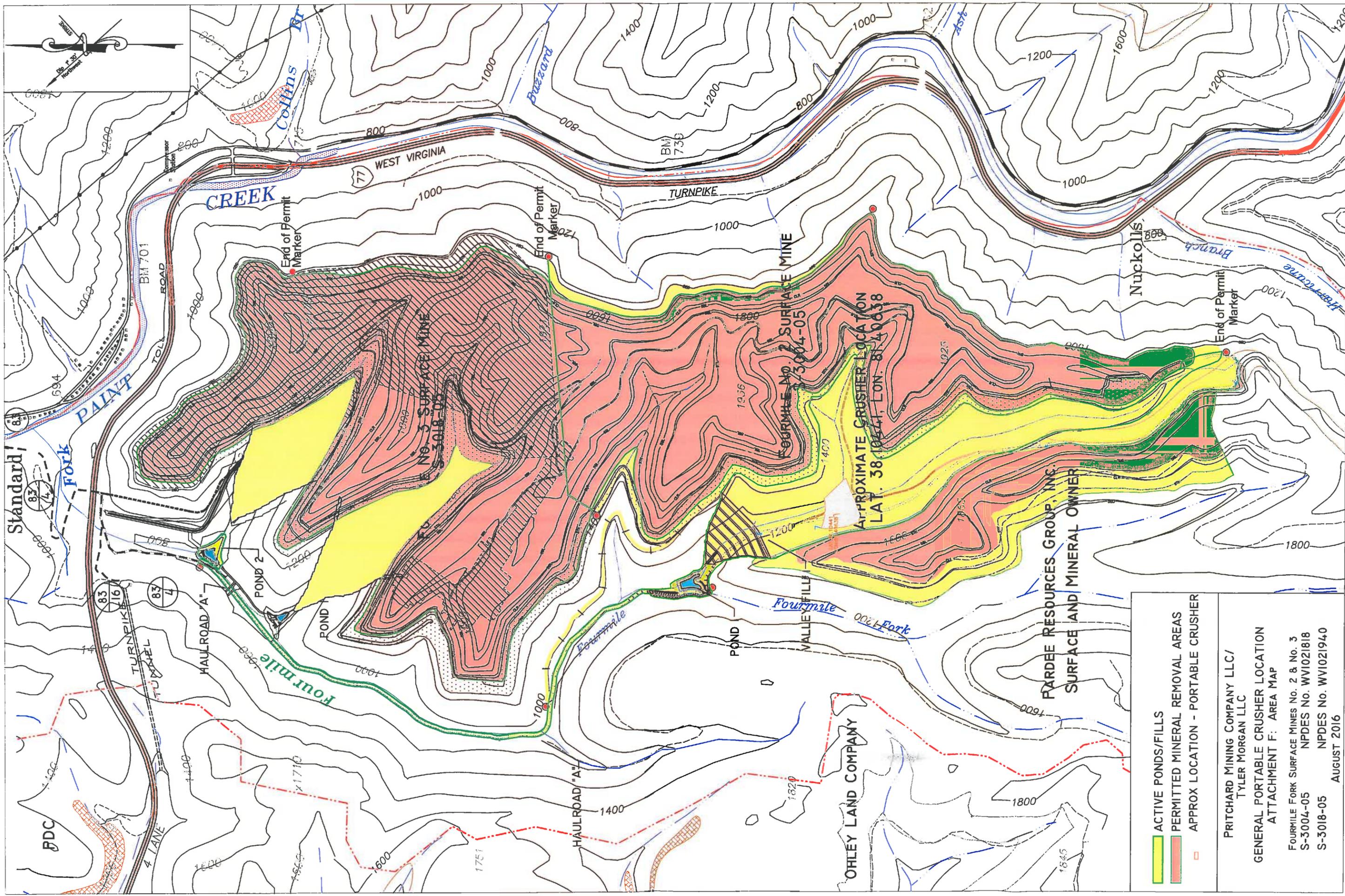


LAT:38.10441
LON:81.40638



Plot Plan
Pritchard Mining Co., Inc.
Portable Rock Crusher Operation
1" = 50'

ATTACHMENT E



- ACTIVE PONDS/FILLS
- PERMITTED MINERAL REMOVAL AREAS
- APPROX LOCATION - PORTABLE CRUSHER

PRITCHARD MINING COMPANY LLC/
 TYLER MORGAN LLC
 GENERAL PORTABLE CRUSHER LOCATION
 ATTACHMENT F: AREA MAP

FOURMILE FORK SURFACE MINES No. 2 & No. 3
 S-3004-05 NPDES No. WV1021818
 S-3018-05 NPDES No. WV1021940
 AUGUST 2016

EXAMPLE LEGAL ADVERTISEMENT

Publication of a proper Class I legal advertisement is a requirement of the application process. In the event the applicant's legal advertisement fails to follow the requirements of 45CSR 13 (45-13-8) or the requirements of Chapter 59, Article 3, of the West Virginia Code, the application will be considered incomplete and no further review of the application will occur.

The applicant, utilizing the format for the Class I legal advertisement appearing below, shall cause such legal advertisement to appear a minimum of one (1) day in the newspaper most commonly read in the area where the facility exists or will be constructed. The notice must be published no earlier than five (5) working days of receipt by this office of your application. The original affidavit of publication must be received by this office no later than the last day of the public comment period.

The advertisement shall contain, at a minimum, the name of the applicant, the type and location of the source, the type and amount of air pollutants that will be discharged, the nature of the permit being sought, the proposed start-up date for the source and a contact telephone number for more information.

The location of the source should be as specific as possible starting with: 1.) the street address of the source; 2.) the nearest street or road; 3.) the nearest town or unincorporated area, 4.) the county, and 5.) latitude and longitude coordinates.

Types and amounts of pollutants discharged must include all regulated pollutants (PM, PM₁₀, VOC, SO₂, Xylene, etc.) and their potential to emit or the permit level being sought in units of tons per year (including fugitive emissions).

In the event the 30th day is a Saturday, Sunday, or legal holiday, the comment period will be extended until 5:00 p.m. on the following regularly scheduled business day.

AIR QUALITY PERMIT NOTICE
Notice of Application

Notice is given that Pritchard Mining Company, Inc. has applied to the West Virginia Department of Environmental Protection, Division of Air Quality, for a Modification and Relocation Permit for a Portable Rock Crusher located on Fourmile Hollow of Lens Creek, near Hernshaw, in Kanawha County, West Virginia. The latitude and longitude coordinates are: latitude 38.2170 and longitude -81.6440. It is proposed to relocate this portable rock crusher facility to a designated site near Fourmile Fork of Paint Creek, at latitude and longitude coordinates: latitude 38.10

The applicant estimates the potential to discharge the following Regulated Air Pollutants will be: fugitive dust - remaining the same as current facility.

Startup of operation is planned to begin on or about the 30th day of September, 2016. 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 18th day of August, 2014.

By: Pritchard Mining Company, Inc.
Andrew B. Jordon
President
PO Box 3311
Charleston, WV 25333

Pritchard Portable Rock Crusher

2016 Maximum PTE

Pritchard Mining Company, Inc.
 Portable Rock Crusher
 Plant ID No. 03900470

Rock Tons Processed
 Rock Crusher - Hours

50000
 1560.00

Factor for Stockpiles
 in lbs/acre/op-hour

Pritchard Location	Emission Point I.D.	Tons	Emissions Factor PM (lb/TON)	Uncontrolled Emissions PM	Control Efficiency	Emissions - After Controls		Control Type
						PM-10	PM	
Paint Creek Fourmile Area								
Mobile Rock Crusher								
Truck to rock pile	1E	50000.00	0.0067	0.1675	50%	0.0838	E	
Loader to Crusher	2E	50000.00	0.042	1.0500	0%	1.0500	None	
Crusher to Screen	4E	50000.00	0.588	14.7000	50%	7.3500	E	
Screen to 3" belt	5E	25000.00	0.042	0.5250	0%	0.5250	None	
Screen to reject belt	7E	15000.00	0.042	0.3150	0%	0.3150	None	
Screen to 4x6 belt	9E	10000.00	0.042	0.2100	0%	0.2100	None	
Belt (3") to Stockpile	6E	25000.00	0.0055	0.0069	0%	0.0069	None	
Belt (4x6") to Stockpile	8E	15000.00	0.0055	0.0041	0%	0.0041	None	
Belt (reject) to Stockpile	10E	10000.00	0.0055	0.0028	0%	0.0028	None	
Stockpile to Truck	11E	0.00	0.042	0.0000	0%	0.0000	None	
Stockpile	OS-1	0.1	24.72	0.0012	50%	0.0006	E	
Stockpile	OS-2	0.0143	24.72	0.0002	50%	0.0001	E	
Stockpile	OS-3	0.0143	24.72	0.0002	50%	0.0001	E	
Stockpile	OS-4	0.0143	24.72	0.0002	50%	0.0001	E	

Total transfer emissions

Crushing	(Based on op hours)	lb/hr
Rock crusher	1C - lb/hr	1560
Screen	2S - lb/hr	1560.00

Total Crush & Screen emissions

9.5482

Total PM Emissions

9.6418 Tons

- A = Water Sprays (75%)
- B = Full Enclosure (80%)
- C = Partial Enclosure (50%)
- D = Other - Telescopic Chute (75%)
- E = Other - Water Truck (50%)

Active Storage Piles

$$E = 1.7 \times (s/1.5) \times ((365-p)/235) \times (f/15) \times Ac$$

$$= 1.7 \times (5/1.5) \times ((365-160)/235) \times (75/15) \times 24.716312$$

MAX PTE - Pritchard Portable Rock Crusher

2016 Maximum PTE

Pritchard Mining Company, Inc.
 Portable Rock Crusher
 Plant ID No. 03900470

Rock Tons Processed
 Rock Crusher - Hours

50000
 1560.00

Factor for Stockpiles
 in lbs/acre/op-hour

**Pritchard 2016
 Proposed Relocation
 Paint Creek Fourmile Area
 Mobile Rock Crusher**

Diesel engine estimated EU Stage II emissions
 Equipment: CAT nonroad engine 2006, EU Stage II compliant
 bHp rating: 525
 kW 391.5
 Assuming conservative emissions at standards:
 emissions= emission standard (g/kW) x engine kW x op hours

Regulated emission	Standard g/kWh	kW	hours	Uncontrolled Emissions	
				total (g)	ton
CO	3.5	391.5	1560	2137590	2.36
HC	1	391.5	1560	610740	0.67
NO _x	6	391.5	1560	3664440	4.04
PM	0.2	391.5	1560	122148	0.13

note: the EU emissions certification for the 5CPx14.6ESK family code is provided. At the time of certification, the model designation was being changed from 3406 to C-15.
 Rating maximum standards listed are from: <http://www.dieselnet.com/standards/eu/nonroad.php>