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Bizzack Construction,
Fraziers Bottom LLC
777-00129
640-0038B
Lee



Pike Technical Services, Inc.
183 Tollage Creek
Pikeville, Kentucky 41501
Phone: (606) 432-0300 or Fax: (606) 433-1820

July 1, 2016

WV DEP
Division of Air Quality
601 57th Street
Charleston, WV 25304

Re: Bizzack Construction, LLC
Portable Crushing Unit
Application for General Permit Registration (Relocation)
G40-C – Nonmetallic Minerals Processing

To Whom It May Concern,

Please find attached one (1) original set and two (2) copy sets of an Application for General Permit Registration (G40-C – Nonmetallic Minerals Processing) for the Relocation of a Portable Crushing Unit to be utilized in Putnam and Mason County, West Virginia. The crushing operation will be conducted on US-35, a West Virginia Department of Transportation Project. If you should have any questions concerning this report, please contact me at (606) 432-0300 ext. 303.

Sincerely,

A handwritten signature in blue ink that reads 'Ishmal Ratliff'.

Ishmal Ratliff
Senior Project Manager

ir

cc: file
Bizzack Construction, LLC



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 type="checkbox"/> G20-B – Hot Mix Asphalt
<input type="checkbox"/> G30-D – Natural Gas Compressor Stations
<input type="checkbox"/> G33-A – Spark Ignition Internal Combustion Engines
<input type="checkbox"/> G35-A – Natural Gas Compressor Stations (Flare/Glycol Dehydration Unit) | <input checked="" type="checkbox"/> G40-C – Nonmetallic Minerals Processing
<input type="checkbox"/> G50-B – Concrete Batch
<input type="checkbox"/> G60-C – Class II Emergency Generator
<input type="checkbox"/> G65-C – Class I Emergency Generator
<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): Bizzack Construction, LLC		2. Federal Employer ID No. (FEIN): 20-3814182	
3. Applicant's mailing address: <u>3009 Atkinson Ave. Suite 200</u> <u>Lexington, KY 40509</u>		4. Applicant's physical address: <u>3009 Atkinson Ave. Suite 200</u> <u>Lexington, KY 40509</u>	
5. If applicant is a subsidiary corporation, please provide the name of parent corporation:			
6. WV BUSINESS REGISTRATION. Is the applicant a resident of the State of West Virginia? <input type="checkbox"/> YES <input checked="" type="checkbox"/> 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.): Extec Mega-bite C12 Tracked Jaw Crusher	8a. Standard Industrial Classification Classification (SIC) code: 1429	AND	8b. North American Industry System (NAICS) code: 212319
9. DAQ Plant ID No. (for existing facilities only): <u>7 7 7 - 0 0 1 2 9</u>	10. List all current 45CSR13 and other General Permit numbers associated with this process (for existing facilities only): _____ _____		

A: PRIMARY OPERATING SITE INFORMATION

<p>11A. Facility name of primary operating site:</p> <p><u>Bizzack Construction, LLC</u></p> <p><u>US-35 - WV 869 to Mason CO 40</u></p>	<p>12A. Address of primary operating site:</p> <p>Mailing: <u>36 Chafee Lane, Fraziers Bottom, WV 25082</u></p> <p>Physical: <u>36 Chafee Lane, Fraziers Bottom, WV 25082</u></p>	
<p>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</p> <p>⇒ IF YES, please explain: <u>Bizzack Construction has a construction contract with the West Virginia Dept. of Transportation to construct portions of US-35 in Mason and Putnam Co. The proposed location is within the</u></p> <p>⇒ IF NO, YOU ARE NOT ELIGIBLE FOR A PERMIT FOR THIS SOURCE. <u>right-of-way limits of this construction project.</u></p>		
<p>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;</p> <p>⇒ 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.</p> <p><u>The crushing unit will be located on the proposed US-35. A map has been included as Attachment F to show</u></p> <p><u>the location.</u></p>		
<p>15A. Nearest city or town:</p> <p><u>Buffalo, WV</u></p>	<p>16A. County:</p> <p><u>Putnam</u></p> <p>*Location will vary between Putnam and Mason County along the 15 miles of US-35 construction</p>	<p>17A. UTM Coordinates:</p> <p>Northing (KM): <u>4277041.80</u></p> <p>Easting (KM): <u>414273.02</u></p> <p>Zone: <u>17</u></p>
<p>18A. Briefly describe the proposed new operation or change (s) to the facility:</p> <p><u>The crushing unit is being utilized on the US-35 road project to crush sandstone.</u></p>		<p>19A. Latitude & Longitude Coordinates (NAD83, Decimal Degrees to 5 digits):</p> <p>Latitude: <u>38.637778</u></p> <p>Longitude: <u>-81.985</u></p>

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

<p>11B. Name of 1st alternate operating site:</p> <p>_____</p> <p>_____</p>	<p>12B. Address of 1st alternate operating site:</p> <p>Mailing: _____ Physical: _____</p> <p>_____</p>
<p>13B. Does the applicant own, lease, have an option to buy, or otherwise have control of the proposed site? <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>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;</p> <p>⇒ 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.</p> <p>_____</p> <p>_____</p>	

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

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: _____
---	--

20. Provide the date of anticipated installation or change: <u>07 / 15 / 16</u> <input type="checkbox"/> If this is an After-The-Fact permit application, provide the date upon which the proposed change did happen: : <u> / / </u>	21. Date of anticipated Start-up if registration is granted: <u>08 / 01 / 16</u>
---	---

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).

Hours per day 10 Days per week 5 Weeks per year 20 Percentage of operation 75%

SECTION III. ATTACHMENTS AND SUPPORTING DOCUMENTS

23. Include a check payable to WVDEP – Division of Air Quality with the appropriate **application fee** (per 45CSR22 and 45CSR13).

24. Include a **Table of Contents** as the first page of your application package.

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.

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.

- 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: EQUIPMENT DATA SHEETS AND REGISTRATION SECTION APPLICABILITY FORM
- ATTACHMENT H: AIR POLLUTION CONTROL DEVICE SHEETS
- ATTACHMENT I: EMISSIONS CALCULATIONS
- ATTACHMENT J: CLASS I LEGAL ADVERTISEMENT
- ATTACHMENT K: ELECTRONIC SUBMITTAL
- ATTACHMENT L: GENERAL PERMIT REGISTRATION APPLICATION FEE
- ATTACHMENT M: SITING CRITERIA WAIVER
- ATTACHMENT N: MATERIAL SAFETY DATA SHEETS (MSDS)
- ATTACHMENT O: EMISSIONS SUMMARY SHEETS
- OTHER SUPPORTING DOCUMENTATION NOT DESCRIBED ABOVE (Equipment Drawings, Aggregation Discussion, etc.)

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.

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~~ Vice President & Director

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 _____ Responsible Official _____ Date 6/30/16
(please use blue ink)

Name & Title Lester Wimpy, Vice President
(please print or type)

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

Applicant's Name Bizzack Construction, LLC

Phone & Fax 859-299-8001 859-299-0480
Phone Fax

Email wimpy@bizzackconstruction.com

Bizzack Construction, LLC
3009 Atkinson Ave.
Suite 200
Lexington, KY 40509
859-299-8001

Application for General Permit Registration
G40-C Nonmetallic Minerals Processing

Attachment A:
Current Business Certificate

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

ISSUED TO:
**BIZZACK CONSTRUCTION LLC
2265 EXECUTIVE DR
LEXINGTON, KY 40505-4809**

BUSINESS REGISTRATION ACCOUNT NUMBER: 1010-8586

This certificate is issued on: **06/27/2011**

*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.

State of West Virginia



Certificate

*I, Natalie E. Tennant, Secretary of State of the
State of West Virginia, hereby certify that*

BIZZACK CONSTRUCTION, LLC

was duly authorized under the laws of this state to transact business in West Virginia as a foreign limited liability company on December 29, 2005.

The company is filed as an at-will company, for an indefinite period.

I further certify that the LLC (PLLC) has not been revoked by the State of West Virginia nor has a Certificate of Cancellation been issued.

Therefore, I hereby issue this

CERTIFICATE OF AUTHORIZATION

Validation ID:4WV8D_XD8ND



*Given under my hand and the
Great Seal of the State of
West Virginia on this day of
October 28, 2013*

Natalie E. Tennant
Secretary of State

**Commonwealth of Kentucky
Elaine N. Walker, Secretary of State**

Elaine N. Walker
Secretary of State
P. O. Box 718
Frankfort, KY 40602-0718
(502) 564-3490
<http://www.sos.ky.gov>

Certificate of Existence

Authentication number: 114226
Visit <https://app.sos.ky.gov/fishow/certvaldate.aspx> to authenticate this certificate.

I, Elaine N. Walker, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

BIZZACK CONSTRUCTION, LLC

is a limited liability company duly organized and existing under KRS Chapter 14A and KRS Chapter 275, whose date of organization is October 21, 2005 and whose period of duration is perpetual.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that articles of dissolution have not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 2nd day of June, 2011, in the 220th year of the Commonwealth.



Elaine N. Walker

Elaine N. Walker
Secretary of State
Commonwealth of Kentucky
114226/0624128

Bizzack Construction, LLC
3009 Atkinson Ave.
Suite 200
Lexington, KY 40509
859-299-8001

Application for General Permit Registration
G40-C Nonmetallic Minerals Processing

Attachment B:
Extec Mega-Bite Portable Crusher Process Description

The purpose of this Application for General Permit Registration is to set up a portable rock crushing unit to crush rock from the roadway excavation of US-35, in Putnam and Mason County, West Virginia. This processed rock will be used on the project as subgrade and or backfill for paving activities.

The process will begin with a dozer pushing the roadway excavation to the surge pile (1). A water truck will provide dust suppression for the haul road and surge pile. A hydraulic excavator will transfer the rock from the surge pile to the portable crusher feeder hopper (2). The vibrating grizzly feeder hopper feeds the shot rock to the jaw crusher (3). The material will go from the jaw crusher onto the main product conveyor and the side conveyor (7). A factory installed water spray bar will provide dust suppression for the main product conveyor. From the conveyors, the processed rock will go to stockpiles (5&8). A water truck will provide dust suppression for the stockpiles. The processed rock will be stockpiled for use in paving activities for the project at a later date.

Bizzack Construction, LLC
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Application for General Permit Registration
G40-C Nonmetallic Minerals Processing

Attachment C:

Extec Mega-Bite Portable Crusher Description of Fugitive Emissions

The sources and potential sources of fugitive particulate emissions are as follows:

- Pushing to Surge Pile
- Surge Pile
- Feeding Vibrating Grizzly Feeder Hopper
- Vibrating Grizzly Feeder Hopper
- Jaw Crusher
- Main Product Conveyor
- Side Conveyor
- Dumping from Conveyors to Stockpiles
- Stockpiles
- Loadout From Stockpiles

The primary fugitive dust control equipment will be a 2,000 gallon water truck. The water truck will be used primarily to control fugitive particulate emissions on the haul roads, and stock piles. By wetting the material in the surge pile and stock piles, fugitive particulate emissions will also be controlled at the receiving hopper, double deck screen and conveyors by moisture carry over. The water truck has a maximum application rate of approximately 150 gallons per hour and the application frequency will depend on environmental conditions. The frequency will vary from zero during rainy conditions to approximately four to five applications per day during extremely dry conditions. In addition to the water truck, a factory installed spray bar on the main product conveyor will also be used. This spray system has a maximum application rate of approximately 26 gallons per hour. Again the frequency rate will vary depending upon environmental conditions. The spray bar will be used continuously during operation.

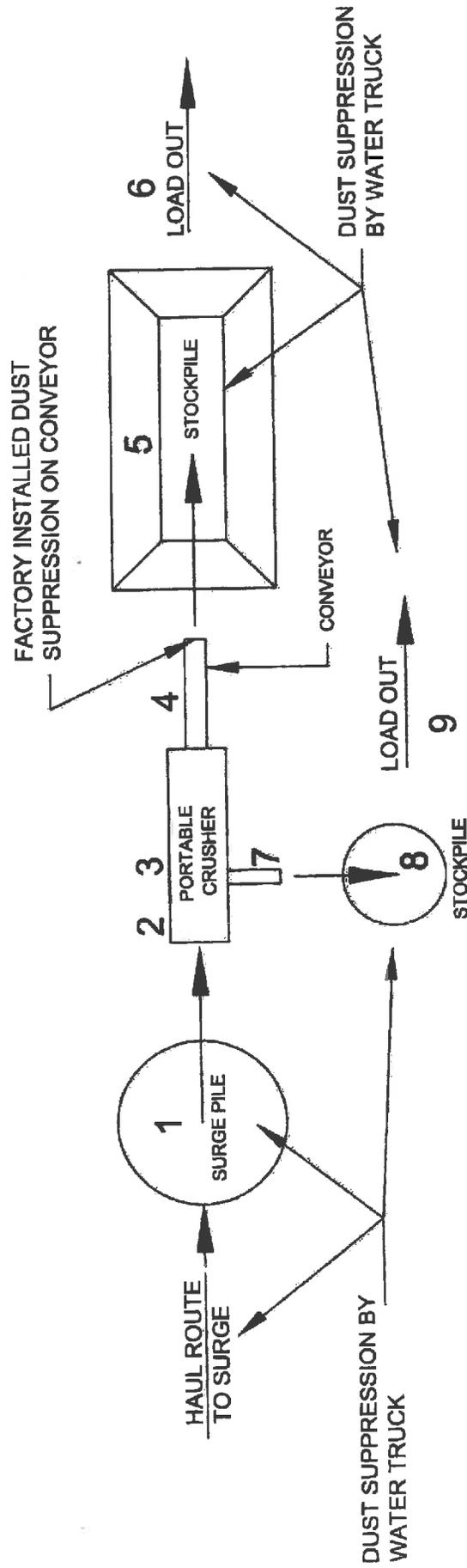
Bizzack Construction, LLC
3009 Atkinson Ave.
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Lexington, KY 40509
859-299-8001

Application for General Permit Registration
G40-C Nonmetallic Minerals Processing

Attachment D:
Process Flow Diagram

Attachment D

Extec Mega-Bite Portable Crusher
Process Flow Diagram



BIZZACK CONSTRUCTION, LLC
PORTABLE CRUSHER

Bizzack Construction, LLC
3009 Atkinson Ave.
Suite 200
Lexington, KY 40509
859-299-8001

Application for General Permit Registration
G40-C Nonmetallic Minerals Processing

Attachment F:
Area Map

Bizzack Construction, LLC

Application for General Permit Registration G40-C
Nonmetallic Minerals Processing

Attachment F:
Area Map

N38°43'48"

Southside

Grimms Landing

Latitude: 38.637778
Longitude: -81.985

Portable Crushing Unit

Legend

 Portable Crushing Unit



3 mi

Bizzack Construction, LLC
3009 Atkinson Ave.
Suite 200
Lexington, KY 40509
859-299-8001

Application for General Permit Registration
G40-C Nonmetallic Minerals Processing

Attachment G:
Affected Source Sheets

CRUSHING AND SCREENING AFFECTED SOURCE SHEET

Source Identification Number ¹		CR-1	S-1			
Type of Crusher or Screen ²		JC	SD			
Make, Model No., Serial No. ³		2002 Extec Mega-Bite	2002			
Date of Construction, Reconstruction, or Modification (Month/Year) ⁴		08/2013	08/2013			
Maximum Throughput ⁵	tons/hour	300	200			
	tons/year	130,000	87,000			
Material sized from/to: ⁶		+24"/-3"	-3"/-1"			
Average Moisture Content (%) ⁷		2	2			
Control Device ID Number ⁸		CS-FE	CS-FE			
Baghouse Stack Parameters ⁹	height (ft)	N/A	N/A			
	diameter (ft)	N/A	N/A			
	volume (ACFM)	N/A	N/A			
	exit temp (F)	N/A	N/A			
	UTM Coordinates	N/A	N/A			
Maximum Operating Schedule ¹⁰	hours/day	10	10			
	days/year	100	100			
	hours/year	1000	1000			

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
GC	Gyratory Crusher	OT	Other		
3. Enter the make, model number, and serial number of the crusher/screen.
4. Enter the date that each crusher and screen was constructed, reconstructed, or modified.
5. Enter the maximum throughput for each crusher and screen in tons per hour and tons per year.
6. Describe the nominal material size reduction (e.g. +2"/-3/8").
7. Enter the average percent moisture content of the material processed.
8. 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.
9. Enter the appropriate stack parameters if a baghouse control device is used.
10. Enter the maximum operating schedule for each crusher and screen in hours per day, days per year and hours per year.

STORAGE ACTIVITY AFFECTED SOURCE SHEET

Source Identification Number ¹	OS-1	OS-2	OS-3			
Type of Material Stored ²	RM	SM	SM			
Average Moisture Content (%) ³	2	2	2			
Maximum Yearly Storage Throughput (tons) ⁴	130,000	130,000	87,000			
Maximum Storage Capacity (tons) ⁵	15,000	15,000	10,000			
Maximum Base Area (ft ²) ⁶	20,000 SF	25,000 SF	27,000 SF			
Maximum Pile Height (ft) ⁷	20'	15'	10'			
Method of Material Load-in ⁸	NA	NA	NA			
Load-in Control Device Identification Number ⁹	TD	MC	MC			
Storage Control Device Identification Number ⁹	SW-WS	SW-WS	SW-WS			
Method of Material Load-out ⁸	NA	NA	NA			
Load-out Control Device Identification Number ⁹	OT	FE	FE			

- 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
- Describe the type of material stored or stockpiled. (e.g. sized material, raw material, refuse, etc).
- Enter the average percent moisture content of the stored material.
- Enter the maximum yearly storage throughput for each storage activity.
- Enter the maximum storage capacity for each storage activity in tons (e.g. silo capacity, maximum stockpile size, etc.)
- For stockpiles, enter the maximum stockpile base area.
- For stockpiles, enter the maximum stockpile height.
- 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
- Enter the appropriate Control Device Identification Number for each storage activity. Refer to Table A - *Control Device Listing and Control Device Identification Number Instructions* in the Reference Document for Control Device ID prefixes and numbering.

Bizzack Construction, LLC
3009 Atkinson Ave.
Suite 200
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Application for General Permit Registration
G40-C Nonmetallic Minerals Processing

Attachment I:
Emissions Calculations

EMISSIONS SUMMARY

Name of applicant: Bizzack Construction, LLC
 Name of plant: Putnam County, WV

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>	0.92	4.03	0.14	0.61
<i>Unpaved Haulroad Emissions</i>	0.00	0.00	0.00	0.00
<i>Paved Haulroad Emissions</i>	0.00	0.00	0.00	0.00
Fugitive Emissions Total	0.92	4.03	0.14	0.61

POINT SOURCE EMISSIONS				
<i>Equipment Emissions</i>	5.60	0.91	0.56	0.09
<i>Transfer Point Emissions</i>	4.77	0.78	0.77	0.13
Point Source Emissions Total*	10.37	1.69	1.33	0.22

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

Facility Emissions Total	11.29	5.72	1.47	0.82
---------------------------------	--------------	-------------	-------------	-------------

***Facility Potential to Emit (PTE) (Baseline Emissions) = 0.22**
 (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>	0.43	1.90	0.06	0.28
<i>Unpaved Haulroad Emissions</i>	0.00	0.00	0.00	0.00
<i>Paved Haulroad Emissions</i>	0.00	0.00	0.00	0.00
Fugitive Emissions Total	0.43	1.90	0.06	0.28

POINT SOURCE EMISSIONS				
<i>Equipment Emissions</i>	2.04	0.33	0.20	0.03
<i>Transfer Point Emissions</i>	2.25	0.37	0.36	0.06
Point Source Emissions Total*	4.29	0.70	0.57	0.09

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

Facility Emissions Total	4.73	2.60	0.63	0.38
---------------------------------	-------------	-------------	-------------	-------------

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-1	0.600	0.098	0.060	0.010	0.300	0.049	0.030	0.005
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	0.600	0.098	0.060	0.010	0.300	0.049	0.030	0.005

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
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
TOTAL	0.000							

1c. Screening

Screen ID Number	PM				PM-10			
	Uncontrolled		Controlled		Uncontrolled		Controlled	
	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY
S-1	5.000	0.816	0.500	0.082	1.740	0.284	0.174	0.028
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
TOTAL	5.000	0.816	0.500	0.082	1.740	0.284	0.174	0.028

Crushing and Screening	PM				PM-10			
	Uncontrolled		Controlled		Uncontrolled		Controlled	
	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY
TOTAL	5.600	0.913	0.560	0.091	2.040	0.333	0.204	0.033

EMISSION FACTORS

source: AP42, Fifth Edition, Revised 08/2004

(lb/ton of material throughput)

PM	
Primary Crushing	0.002
Tertiary Crushing	0.0054
Screening	0.025

PM-10	
Primary Crushing	0.001
Tertiary Crushing	0.0024
Screening	0.0087

2. Emissions From TRANSFER POINTS (continued)

Transfer Point ID No.	PM				PM-10			
	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	4.768	0.776	0.770	0.125	2.255	0.367	0.364	0.059

Source:

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

Emissions From Batch Drop

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

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 $E = \frac{0.0032 * (U/5)^{1.3}}{(M/2)^{1.4}}$
=lb/ton

For PM-10 $E = \frac{0.0032 * (U/5)^{1.3}}{(M/2)^{1.4}}$
=lb/ton

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

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

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
OS-1	0.256	1.121	0.038	0.168	0.120	0.527	0.018	0.079
OS-2	0.320	1.401	0.048	0.210	0.150	0.658	0.023	0.099
OS-3	0.345	1.513	0.052	0.227	0.162	0.711	0.024	0.107
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	0.921	4.035	0.138	0.605	0.433	1.896	0.065	0.284

Source:

Air Pollution Engineering Manual

Storage Pile Wind Erosion (Active Storage)

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

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 $E = (1.7) * ((\text{Inputs!F147})/1.5) * ((365 - \text{Inputs!139})/235) * ((\text{Inputs!140})/15)$

For PM-10 $E = 0.47 * (1.7) * ((\text{Inputs!F147})/1.5) * ((365 - \text{Inputs!139})/235) * ((\text{Inputs!140})/15)$

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

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

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	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
13.2.2 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)	70	
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	0.00047	0.00047

Emission Factors

For PM E= $(\$I\$34 * (((\$I\$35)/2)^{0.65} * (((Inputs!G190)/3)^{1.5}) - (\$I\$38)) * (1 - ((Inputs!\$I\$19)/4 * N)))$

For PM-10 E= $(\$J\$34 * (((\$I\$35)/2)^{0.65} * (((Inputs!G190)/3)^{1.5}) - (\$I\$38)) * (1 - ((Inputs!\$I\$19)/4 * N)))$

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)

Bizzack Construction, LLC
3009 Atkinson Ave.
Suite 200
Lexington, KY 40509
859-299-8001

Application for General Permit Registration
G40-C Nonmetallic Minerals Processing

Attachment J:
Class I Legal Advertisement

AIR QUALITY PERMIT NOTICE
Notice of Application

Notice is given that **Bizzack Construction, LLC** has applied to the West Virginia Department of Environmental Protection, Division of Air Quality, for a **Relocation Permit, General Permit Registration (G40-C)** for a **Portable Crushing Unit** located on **US-35** near the city of **Buffalo**, in **Putnam** County, West Virginia. The latitude and longitude coordinates are: **38.637778, - 81.985**

The applicant estimates the potential to discharge the following Regulated Air Pollutants will be:

Nitrogen Oxides (NO_x) –0.000004 tpy
Carbon Monoxide (CO) – 0.000001 tpy
Particulate Matter (PM) Uncontrolled – 9.05 tpy
Particulate Matter (PM) Controlled – 1.15 tpy
Particulate Matter-10 (PM-10) Uncontrolled – 4.25 tpy
Particulate Matter-10 (PM-10) Controlled – 0.54 tpy

Startup of operation is planned to begin on or about the **1st** day of **August, 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 1250, during normal business hours.

Dated this the **1st** day of **July, 2016**.

By: **Bizzack Construction, LLC**
Lester Wimpy
Vice President
3009 Atkinson Ave. Suite 200
Lexington, KY 40509

Bizzack Construction, LLC
3009 Atkinson Ave.
Suite 200
Lexington, KY 40509
859-299-8001

Application for General Permit Registration
G40-C Nonmetallic Minerals Processing

Attachment L:
General Permit Application Fee

117581

VENDOR NO.		VENDOR NAME			CHECK NUMBER				
200355		WV Dept of Environmental Protection			117581				
TRANSACTION NUMBER	REFERENCE	DATE	DESCRIPTION	GROSS AMOUNT	DISCOUNT	RETAINAGE	PREVIOUS	BALANCE	NET AMOUNT
	20160630	6/30/16	Class II General Permit NSPS Fees	\$500.00 \$1,000.00					\$500.00 \$1,000.00
VENDOR NO.				GROSS AMOUNT	DISCOUNT	RETAINAGE	PREVIOUS	BALANCE	NET AMOUNT
200355				\$1,500.00					\$1,500.00

FOR SECURITY PURPOSES, THE BORDER OF THIS DOCUMENT CONTAINS MICROPRINTING.



BIZZACK

3009 ATKINSON AVE., SUITE 200
LEXINGTON, KENTUCKY 40509
TEL: (859) 269-8001

Fifth Thrd Bank
Lexington, KY

73-115421

117581

DATE	CHECK NO.	AMOUNT
6/30/16	117581	\$1,500.00

1,500 DOLLARS AND 00 CENTS *****

BIZZACK CONSTRUCTION, LLC
TWO SIGNATURES REQUIRED IF OVER \$5000.00

PAY
TO THE
ORDER
OF

WV Dept of Environmental Protection
Division of Air Quality
601 57th Street
Charleston, WV 25304

AUTHORIZED SIGNATURE

Mastin Evans

AUTHORIZED SIGNATURE

FACE OF DOCUMENT IS A COLORED BACKGROUND ON WHITE PAPER

⑈ 117581⑈ ⑆042101190⑆ 7380943998⑈