

Holcim-MAR, Inc.  
Mid-Atlantic Region  
Land Services  
Memorandum

RECEIVED

OCT 07 2022

Environmental Protection

To: Mr. Steve Martin  
From: Tim Bevard  
Date: October 6, 2022  
Subject: Travilah Quarry - Quarry License Renewal

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Enclosed please find the quarry license renewal application and requisite documents package. You will notice the applicant name has changed from Bardon, Inc. to Holcim-MAR, Inc. The company name changed on May 1<sup>st</sup>, however it was only a corporate name change. The corporate structure, corporate officers, and the FEIN number remain the same. The name change was a corporate rebranding initiative across the country.

If you have further questions or comments, please do not hesitate to contact me at 301-580-5206 or by e-mail [tim.bevard@holcim.com](mailto:tim.bevard@holcim.com). Please note our email addresses have changed.

October 7, 2022

Mr. Steven C. Martin  
Environmental Health Specialist III  
Montgomery County  
Department of Environmental Protection  
2425 Reddie Drive, 5<sup>th</sup> Floor  
Wheaton, MD 20902

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**OCT 07 2022**

Environmental Protection

Re: Holcim-MAR, Inc. Travilah Quarry  
Quarry License Renewal

Dear Mr. Martin:

This letter is written to certify that the Travilah Quarry operations are in compliance with Montgomery County and State of Maryland regulations and the operations remain unchanged since the current license was renewed. Enclosed please find a package of documents as prescribed in the Montgomery County Quarry Ordinance for your review for the Quarry License renewal process.

Should you have any questions concerning this submittal or require additional information please do not hesitate to contact James Carroll or Tim Bevard at 301-982-1400.

Respectfully,



Corey Johnson  
Vice President – Aggregate Division

Enclosures

Holcim-MAR, Inc.  
Mid-Atlantic  
Land Services  
Memorandum

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Environmental Protection

To: Steve Martin  
From: Tim Bevard  
Date: October 6, 2022  
Subject: Quarry License Renewal Certification Documentation

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Enclosed please find the following documents for renewal of the Quarry License for the Travilah Quarry:

1. Surface Mining License No. SL-0607, expiration date 12-31-22.
2. Surface Mining Permit No. 77-SP-0061-E, issued by the Maryland Department of the Environment, expiration date 03-31-25.
3. Maryland Department of the Environment, Air and Radiation Management Administration, Operating Permit No. 031-0528, expiration date August 31, 2022. The permit renewal application is included, waiting for permit issuance.
4. Annual Emissions Certification and Toxic Air Pollutants Emission Certification Report for 2021 required by ARMA Operating Permit No, 031-0528.
5. General Discharge Permit 15MM: Discharges from Mineral Mines, Quarries, Borrow Pits and Concrete and Asphalt Plants NPDES Permit No. MDG491365 – Registration Number 15MM1365A issued by MDE, expires April 30, 2022. The permit remains valid until such time as MDE issues a new general permit to replace the existing permit.
6. NPDES Discharge Monitoring Reports for Outfall No. 1 covering the time period of 10/01/21 through 6/30/22. The 3<sup>rd</sup> QTR 2022 DMRs will be available 10-31-22.
7. Blasting Area and Site Plan Map updated by Rodgers Consulting, Inc. dated 02-22-22, the plan and blasting areas remain accurate.
8. Particulate Control Plan dated December 21, 2021.
9. Certificate of Insurance for general liability, automobile liability, and workers compensation and employer's liability for the period 10/01/22 through 10/01/23.
10. Copy of Performance Bond for Quarry License, Bond Number 929517725 in the sum of \$100,735.00.
11. Seismograph Records as submitted to the Maryland Department of the Environment including the Vibration and Air Overpressure data for the time period December 1, 2021 through August 31, 2022.
12. Montgomery County, Department of Permitting Services, Sediment Control Permit No. 203770, expiration date 08-01-24.
13. Performance Bond – Verification of Bond in Force, Exp. 01-06-23.

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DEPARTMENT OF ENVIRONMENTAL PROTECTION MONTGOMERY COUNTY • MARYLAND

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OCT 07 2022

Environmental

Mark Elrich County Executive

2425 Reddie Dr., 4th Floor Wheaton, MD, 20902, 240-777-0311

Adriana Hochberg Acting Director

DIVISION OF ENVIRONMENTAL POLICY & COMPLIANCE

Application for License to Operate a Quarry

CHECK ONE: [ ] ORIGINAL [X] RENEWAL [ ] MODIFICATION

Property Owner Name: Holcim - MAR, Inc.

Property Address: 13900 Piney Meetinghouse Road Rockville, MD 20850

Lot: N/A Block: N/A Subdivision: N/A

Liber/Folio 8080/503 Folio/Liber 2740/64 Parcel(s): 400, 910, 133, 596, 113

Total Parcel(s) Acres: 330.88 Total License Acres: 265, 275, 332 302.45 ac.

Property Owner Address (if different): 6401 Golden Triangle Drive, Suite 400 Greenbelt, MD 20770

Applicant Contact Person(s): Jim Carroll, Tim Bevard

Phone #(s): 301-982-1400

Date of Application: 10-07-22

Type of Ownership: [ ] Individual [ ] Partnership [X] Corporation\* (\*Complete last section)

Date Quarry Established or to be Established: 1955

Nature of Excavation: Mining of serpentized dunite to be processed to commercial grade construction materials.

Hours of Operation: M-F 6am - 6pm, Sat. 7am - 5pm

Indicate method(s) by which mud and dust will be controlled on site:

[X] Water Truck [X] Power Broom & Scraper [X] Truck Wash [ ] Other (Describe):

COMPLETE THIS SECTION ONLY IF APPLYING FOR A LICENSE MODIFICATION

Reasons for Requesting Modifications: *N/A*

- Change in planned land use
- Change in reclamation practices
- Change in schedule of reclamation
- Increased land area
- Decreased land area
- Other (Describe):

*License Renewal*

AFFIDAVIT

I hereby declare and affirm, under the penalty of perjury, that all matters and facts set forth in this application are true and correct to the best of my knowledge, information and belief.

*Corey Johnson*  
Signature of Applicant

*10/07/22*

Date

*Corey Johnson, VP/GM*  
Name - Print

CORPORATION INFORMATION

Name of Corporation: *Holcim - MAR, INC.*

Where Incorporated: *Maryland*

Date Incorporated: *06-28-11*

Corporate Officers:

President: *Jay Moreau*

Address: *8700 Bryn Mawr Ave.  
Chicago, IL 60631*

V. President: *Cedric Barthelmy*

Address: *6401 Golden Triangle Dr. #400  
Greenbelt, MD 20770*

Secretary: *Jodie Earle*

Address: *6211 Anne Arbor Rd  
Dundee, MI 48131*

Treasurer: *Therese Houlahan*

Address: *8700 Bryn Mawr Ave.  
Chicago, IL 60631*

Resident Agent: *CT, INC.*

Address: *351 Columbia St.  
Baltimore, MD 21201*



**State of Maryland**  
*Department of The Environment*  
*Land and Materials Administration*



**2022**

**SURFACE MINING LICENSE**

NUMBER SL-0607

**EXPIRATION DECEMBER 31, 2022**

*This is to certify that*

**BARDON, INC.**

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**OCT 07 2022**

**Environmental Protection**

has complied with the Maryland Surface Mining Act of 1975, specifically Section 15-807 of the Environment Article of the Annotated Code of Maryland as amended; and is duly licensed as a surface mine operator in the State of Maryland.

**This License:**

- 1. is not transferable**
- 2. must be displayed publicly**
- 3. may be suspended or revoked for cause.**

Molly Michaelson, C.P.G. Program Manager  
Land and Materials Administration

MARYLAND DEPARTMENT OF THE ENVIRONMENT  
LAND AND MATERIALS ADMINISTRATION

**SURFACE MINING PERMIT**

***RENEWAL***

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Environmental Protection



**SURFACE MINE PERMIT NO.: 77-SP-0061-E**

**PERMIT EFFECTIVE DATE: June 14, 1977**

**PERMIT EXPIRATION DATE: March 31, 2025**

Pursuant to Title 15, Subtitle 8 of the Environment Article, Annotated Code of Maryland (2014 Replacement Volume), the Land and Materials Administration hereinafter referred to as "the Administration" hereby authorizes the renewal of the above referenced surface mining permit;

**PERMITTEE:** Bardon, Inc.  
6401 Golden Triangle Drive  
Suite 400  
Greenbelt, MD 20770

The permittee is authorized to engage in a Surface Mining Operation known as Travilah Quarry and located: on Piney Meetinghouse Road between Travilah Road and Shady Grove Road in Montgomery County; as described in the approved Mining and Reclamation Plan dated February 12, 2015 and drawings dated October 6, 2015 and prepared by Rodgers Consulting, Inc. The permit area shall not exceed 302.45 acres as shown on the aforementioned Mining and Reclamation Plan and drawings.

PERMIT TO SURFACE MINE NO. 77-SP-0061-E

Page Two

1. Other Authorizations -- This permit is issued in addition to, and not in substitution of, the requirements of other permits or authorizations granted for the surface mining operation. Issuance of this permit does not relieve the permittee of the obligation to obtain and comply with all other required authorizations.
2. Permit Transfer -- The permit is valid only for use by the Permittee and may not be transferred to another unless written permission for such transfer is obtained from the Administration.
3. Permit on Site -- A copy of the approved Mining and Reclamation Plan, and the permit are to be kept at the mining site available for reference during the period that the permit is in effect.
4. Permit Modification -- Any changes in land areas stipulated in the permit, mining or reclamation practices, schedule of reclamation, and planned land use must have the prior written approval of the Administration. The approval shall be requested by submission of an application for a permit modification or new application.
5. Departmental Modification -- The Administration may modify the permit upon giving the permittee notice and providing an opportunity for an administrative hearing.
6. Compliance with Law/Regulation and Permit: All surface mining operations shall be conducted in compliance with Environment Article 15-801 through 15-834, COMAR 26.23.01 through .06, and the surface mine permit. The permit may be suspended or revoked by the Administration for violation of the surface mine law, regulations, this permit, or any other required approval. The location, dimensions, and type of all structures, reclamation practices and all excavation and filling shall be in accordance with the approved Mining and Reclamation Plan and map.
7. Abandoned Operation -- The surface mining operation shall be considered abandoned if no mineral has been produced or overburden removed for a period of one (1) year and the operator has vacated the site of the operation without having complied with all the requirements of the permit.
8. Halted Operation -- The surface mining operation shall be considered halted if active work has ceased temporarily due to weather or market conditions, or other reasonable cause. An operation may not be halted for a period exceeding twenty-four (24) months. All pollution controls shall be maintained during this period.



9. Staking Permitted Area -- The permittee shall mark each corner of the perimeter of the permitted area by placing permanent markers. In addition, the permittee shall place markers along the perimeter of the permitted area no more than two hundred feet (200') apart. The markers shall be no less than three feet (3') above the ground. All of the required markers shall be in place no later than ten (10) days from the effective date of this permit and shall be maintained by the permittee throughout the life of the permit.
10. Haul and Access Roads -- No mud may be tracked onto the public roads. All haul and access roads shall be treated for dust and mud control by the permittee as required by approved Mining and Reclamation Plan and drawings. Should these methods fail to control the dust and mud, the permittee shall treat the roads as directed by the Administration.
11. Completion of Reclamation -- Reclamation activities shall be completed in accordance with the approved Mining and Reclamation Plan and drawings no later than two (2) years after termination of mining on any segment of permit area.
12. Annual Mining and Reclamation Report -- At the end of each calendar year, but before March 31 of the succeeding year, the permittee shall submit an annual mining and reclamation report to the Administration on a form prescribed and furnished by the Administration.
13. Compliance with Non-Tidal Wetlands Regulations -- Maintenance, including excavation or dredging, of wash ponds or sediment control structures is authorized under this permit and COMAR 26.23.01.02.F. Non-tidal Wetlands created incidental to the mining activity authorized under this permit may be reclaimed in accordance with the approved Mining and Reclamation Plan. Any wetlands remaining upon completion of the reclamation authorized by this permit will be regulated pursuant to COMAR 26.23.01 through .06.
14. Annual Permit Fee -- The permittee shall remit an annual permit fee of \$1,000. The annual fee is due by March 31, of each year. Failure to submit the fee by the prescribed date shall be considered as a violation of this permit subject to further administrative action.
15. Aerial Photograph -- The permittee shall submit an aerial photograph showing the entire permit area each year with the annual Mining and Reclamation report. The aerial photograph shall be a contact print at a scale no smaller than 1" = 500'.
16. Pond Approval -- The permanent impoundment that will result from the quarry excavation has been reviewed for pond approval in accordance with Section 5-503 Environment Article, Annotated Code of Maryland. If the final water surface elevation rises high enough to require an outfall, the outfall shall be designed to meet the then applicable standards, and approved by the Administration.

17. Blasting -- The permittee shall monitor all blasting, within the permit area as follows:
  - A. All shots shall be monitored with a seismograph.
  - B. The seismograph shall be of the following type: a direct velocity recording seismograph; capable of producing a permanent record of the three (3) components of ground motion (vertical, transverse, and longitudinal); and have the capacity for internal dynamic calibration.
  - C. The permittee shall make available to the Administration upon request, copies of any or all shot and seismograph reports within 30 calendar days of the request. The reports and records shall be retained for at least four (4) years and be available for inspection.
  - D. Any change in the present blasting procedure as described in the approved Mining and Reclamation Plan shall be reported immediately to the Administration.
  
18. Published Blasting Schedule --
  - I. The permittee shall publish a blasting schedule in a newspaper of general circulation in the Rockville area and distribute a copy to each resident and owner of any occupied dwelling or structure within 1,000 feet of the quarry extraction limit at least 90 days but not more than 120 days from the effective date of the permit renewal. The blasting schedule shall contain the following information and be republished every 12 months:
    - a. The copies of the schedule shall be sent by regular mail or hand delivered and record of notification and certification of publication shall be retained with the blasting records as required by Condition 17;
    - b. Local name, address and telephone number of Bardon, Inc.;
    - c. Identify as accurately as practical the location of the blasting sites and the time periods (expressed in not more than 5 hour segments, not to exceed an aggregate of 10 hours in any one day) when blasting will occur;
    - d. Methods used to control access to the blasting area;
    - e. A description of the audible warnings and all-clear signals to be used before and after blasting.
    - f. Statement advising that any questions concerning the mining operation should be directed to the Maryland Department of Environment- Minerals, Oil & Gas Division at (410) 537-3557.

- II. If blasting (except for crusher blockages) cannot be conducted in accordance with the published schedule because of weather or other circumstances, the permittee shall notify the Department of the reason and the date and time of blast at least one hour before detonation.
  - III. Prior to Publishing the blasting schedule, a copy of the notice intended for publication shall be submitted to the Administration for review. Upon receipt of written or verbal confirmation of approval from the Administration, the notice may be published.
  - IV. The publication records shall be retained for at least 4 years and be available for inspection.
19. Flyrock -- No flyrock shall leave the permit area. It shall be the responsibility of Bardon, Inc. to prevent flyrock from leaving the permit area. Any noncompliance with this condition shall be immediately reported to the Administration.
  20. Performance Bond -- The required bond(s) for the above referenced permit consist of Surety Bond number 929517708 issued by Western Surety Company in the amount of \$378,063. Failure to maintain the required bond may result in the suspension/revocation of the permit and forfeiture of the bond.
  21. Off Site Fill -- Off site fill material brought onto the site for incorporation into the final grade must be classified as Category 1 residential clean fill as defined in MDE's "Fill Material and Soil Management Fact Sheet."
  22. Verification --The permittee is responsible for verification that all material is clean. Written documentation must be available to the Department upon request.



STEPHANIE COBB-WILLIAMS, DEPUTY DIRECTOR  
LAND AND MATERIALS ADMINISTRATION

09/22/2020

DATE



**Maryland**  
Department of  
the Environment

Larry Hogan, Governor  
Boyd K. Rutherford, Lt. Governor  
Moracio Tablada, Secretary  
Suzanne E. Dorsey, Deputy Secretary

Mr. Tim Bevard, Land Manager  
Holcim-MAR  
6401 Golden Triangle Drive, Ste 400  
Greenbelt, MD 20770

SEP 01 2022

Dear Mr. Bevard:

Enclosed please find your State Permit to Operate for Holcim-MAR – Rockville Quarry located in Rockville, Maryland. The permit will expire on August 31, 2027. The permit contains both general conditions, which apply to all permit-to-operate holders in Maryland, and specific conditions, which apply to your facility's particular operations.

Please be reminded that an emissions based fee must be paid annually and is due by the anniversary date of the permit. The Department will bill you prior to the anniversary date for the annual fee.

If you have any questions regarding the issuance of this permit, please contact Mr. Dennis Borie at [Dennis.Borie@Maryland.gov](mailto:Dennis.Borie@Maryland.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Suna Yi Sariscak".

Suna Yi Sariscak, Manager  
Air Quality Permits Program  
Air & Radiation Administration

SYS/jm

Enclosure

KEEP PERMIT AT SITE

CONTROL NO. B - 07211

Larry Hogan  
Governor

*State of*



Horacio Tablada  
Secretary

**DEPARTMENT OF THE ENVIRONMENT**

Air and Radiation Administration  
1800 Washington Boulevard, Suite 720  
Baltimore, MD 21230

Construction Permit

Operating Permit

PERMIT NO. 031-0528

DATE ISSUED September 1, 2022

PERMIT FEE To be paid in accordance  
with COMAR 26.11.02.19B

EXPIRATION DATE August 31, 2027

**LEGAL OWNER & ADDRESS**

Holcim-MAR  
6401 Golden Triangle Dr; Ste 400  
Greenbelt, MD 20770  
Attn: Mr. Tim Bevard, Land Manager

**SITE**

Rockville Quarry  
13900 Piney Meetinghouse Rd.  
Rockville, MD 20850  
Premises # 031-0528  
AI # 75

**SOURCE DESCRIPTION**

One (1) electric powered 900 ton per hour stone crushing and screening plant equipped with a wet suppression system and nine (9) baghouses and a concrete batch plant.

This source is subject to the conditions described on the attached pages.

Page 1 of 12

  
Program Manager

  
Director, Air and Radiation Administration

**HOLCIM – MAR, INC.  
 ROCKVILLE QUARRY  
 13900 PINEY MEETINGHOUSE ROAD  
 ROCKVILLE, MARYLAND 20850  
 PERMIT-TO-OPERATE  
 PERMIT No. 031-0528**

**INDEX**

- Part A – General Provisions
- Part B – Applicable Regulations
- Part C – Operating Conditions
- Part D – Testing, Monitoring, Record Keeping and Reporting

This Permit-to-Operate incorporates requirements for the following registered installations:

ARA Registration Number	Description	Date of Installation
031-0528-6-0045	One (1) electric powered 900 ton per hour stone crushing and screening plant equipped with a wet suppression system and nine (9) baghouses consisting of the following equipment:	Installed in 1973 (modified in 2003, 2007, 2009 and 2014)
	- One (1) 900 TPH Allis Chalmers 4266 primary crusher equipped with a baghouse;	
	- One (1) 900 TPH Symons 7' Standard Cone secondary crusher equipped with a baghouse;	1973 (like kind replacement in 2007)
	- One (1) 350 TPH Svedala H6000 tertiary crusher equipped with a baghouse;	
	- One (1) 350 TPH Sandvik CH660 tertiary crusher equipped with a baghouse;	1973 (like kind replacement in 2022)
	- Two (2) 375 TPH Metso 8' x 20' screeners venting through the three (3) baghouses associated with the screen house (subject to 40 CFR 60, Subpart OOO pre-April 22, 2008 requirements);	2003
	- One (1) 900 TPH Trio 8' x 24' Triple Deck screener equipped with a wet suppression system (subject to 40 CFR 60, Subpart OOO pre-April 22, 2008 requirements);	2007
	- One (1) 800 TPH Trio 6' x 16' 2 Deck screener equipped with a wet suppression system (subject to 40 CFR 60, Subpart OOO pre-April 22, 2008 requirements);	2007
- One (1) 800 TPH Deister 6' x 16' 2 Deck screener equipped with a wet suppression system (subject to	2008 (like kind	

**HOLCIM – MAR, INC.  
 ROCKVILLE QUARRY  
 13900 PINEY MEETINGHOUSE ROAD  
 ROCKVILLE, MARYLAND 20850  
 PERMIT-TO-OPERATE  
 PERMIT No. 031-0528**

	40 CFR 60, Subpart OOO pre-April 22, 2008 requirements);	replacement in 2022)
	- One (1) 150 TPH Buell fines air classification system including two (2) GI-108 classifiers and one (1) Fisher Klosterman model 416 baghouse;	2009
	- One (1) 350 TPH Nordberg HP400 tertiary crusher equipped with a baghouse;	1973 (like kind replacement in 2014)
	- Three (3) 375 TPH Deister 8' x 20' screeners venting through the three (3) baghouses associated with the screen house; and	1973 (like kind replacement in 2014)
	- One (1) 375 TPH Trio 8' x 20' screener venting through the three (3) baghouses associated with the screen house.	1973 (like kind replacement in 2014)
031-0528-6-0607	Rex Lo-Go electric powered portable ready-mix concrete plant equipped with a Griffen Environmental model U-216 baghouse and two (2) silos.	4/2000; modified in 2006
031-0528-4-1418	One (1) 2.1 MMBtu/hr No. 2 fuel-oil fired water heater.	2013
031-0528-6-0861	One (1) electric powered 1000 ton per hour pugmill system and one (1) 100 ton cement silo equipped with a C & W Manufacturing CP-1000 pulse-jet dust collector.	2008

**Part A – General Provisions**

- (1) The application (Form 26) received at the Department on August 11, 2022, which is less than the 60 days required by COMAR 26.11.02.14D for the renewal of the Permittee's permit-to-operate is incorporated into this permit by reference. If there are any conflicts between representations in the application and representations in this permit, the representations in the permit shall govern. Estimates of dimensions, volumes, emissions rates, operating rates, feed rates and hours of operation included in the application for renewal do not constitute enforceable numeric limits beyond the extent necessary for compliance with applicable requirements.
- (2) Upon presentation of credentials, representatives of the Maryland Department of the Environment ("MDE" or the "Department") and the Montgomery County Department of Environmental Protection shall at any reasonable time be granted,

**HOLCIM – MAR, INC.  
ROCKVILLE QUARRY  
13900 PINEY MEETINGHOUSE ROAD  
ROCKVILLE, MARYLAND 20850  
PERMIT-TO-OPERATE  
PERMIT No. 031-0528**

without delay and without prior notification, access to the Permittee's property and permitted to:

- (a) determine compliance with the requirements of this permit and any applicable regulations;
  - (b) sample, as necessary to determine compliance with requirements of this permit and applicable regulations, any materials stored or processed on site, any waste materials, and any discharge into the environment;
  - (c) inspect any monitoring equipment required by applicable regulations or by any permit issued by the Department's Air and Radiation Administration;
  - (d) review and copy any records, including all documents required to be maintained by this permit and by applicable regulations, relevant to the Department's determination of compliance with an air pollution control requirement; and
  - (e) obtain any photographic documentation or evidence necessary to determine compliance with the requirements of this permit and applicable regulations.
- (3) If any provision of this permit is declared by proper authority to be invalid, the remaining provisions of the permit shall remain in effect.
- (4) Nothing in this permit authorizes the violation of any rule or regulation or the creation of a nuisance or air pollution.

**Part B – Applicable Regulations**

- (1) This source is subject to all applicable federal air pollution control requirements including, but not limited to, the following:
- (a) All applicable terms, provisions, emissions standards, testing, monitoring and record keeping and reporting requirements included in federal New Source Performance Standards (NSPS) promulgated under 40 CFR 60, Subparts A (General Provisions) and Subpart OOO for Nonmetallic Mineral Processing Plants.



**HOLCIM – MAR, INC.  
ROCKVILLE QUARRY  
13900 PINEY MEETINGHOUSE ROAD  
ROCKVILLE, MARYLAND 20850  
PERMIT-TO-OPERATE  
PERMIT No. 031-0528**

- (b) All notifications required under 40 CFR 60, Subparts A, and OOO shall be submitted to both of the following:

The Administrator  
Compliance Program  
Maryland Department of the Environment  
Air and Radiation Administration  
1800 Washington Boulevard, STE 715  
Baltimore MD 21230

and

United States Environmental Protection Agency  
Region III, Enforcement & Compliance Assurance Division  
Air, RCRA and Toxics Branch (3ED21)  
Four Penn Center  
1600 John F. Kennedy Boulevard  
Philadelphia, PA 19103-2852

- (2) This source is subject to all applicable federally enforceable State air pollution control requirements including, but not limited to, the following regulations:

- (a) COMAR 26.11.01.07C, which requires that the Permittee report to the Department occurrences of excess emissions.
- (b) COMAR 26.11.02.09A, which requires that the Permittee obtain a permit-to-construct if an installation is to be modified in a manner that would cause a change in the quantity, nature, or characteristics of emissions referenced in the permit-to-construct issued for that installation.
- (c) COMAR 26.11.06.02C(2), which prohibits visible emissions other than uncombined water.

Exceptions. The visible emissions standard in COMAR 26.11.09.05A(2) does not apply to emissions during load changing, soot blowing, start-up, or adjustments, or occasional cleaning of control equipment, if: (i) the visible emissions are not greater than 40 percent opacity; and (ii) the visible emissions do not occur for more than 6 consecutive minutes in any 60 minute period.

**HOLCIM – MAR, INC.  
ROCKVILLE QUARRY  
13900 PINEY MEETINGHOUSE ROAD  
ROCKVILLE, MARYLAND 20850  
PERMIT-TO-OPERATE  
PERMIT No. 031-0528**

- (d) COMAR 26.11.06.03B(2), which limits the concentration of particulate matter in any exhaust gases to not more than 0.03 grains per standard cubic foot of dry exhaust gas.
- (e) COMAR 26.11.06.03C, which requires that the Permittee take reasonable precautions to prevent particulate matter from an unconfined source from becoming airborne.
- (f) COMAR 26.11.06.03D, which requires that the Permittee take reasonable precautions to prevent particulate matter from materials handling and construction operations from becoming airborne.
- (g) COMAR 26.11.06.12 which states that a person may not construct, modify, or operate, or cause to be constructed, modified, or operated, a New Source Performance Standard (NSPS) source in a manner which results or will result in violation of the provisions of 40 CFR, Part 60.
- (h) COMAR 26.11.09.05A(2), which prohibits visible emissions other than uncombined water from fuel burning equipment.

Exceptions. The visible emissions standard in COMAR 26.11.09.05A(2) does not apply to emissions during load changing, soot blowing, start-up, or adjustments, or occasional cleaning of control equipment, if: (i) the visible emissions are not greater than 40 percent opacity; and (ii) the visible emissions do not occur for more than 6 consecutive minutes in any 60 minute period.

- (i) COMAR 26.11.09.07A(2), which limits the sulfur content of distillate fuel oils to not more than 0.3 percent by weight
- (3) This source is subject to all applicable State-only enforceable air pollution control requirements including, but not limited to, the following regulations:
- (a) COMAR 26.11.02.13A(16), which requires that the Permittee maintain and renew as required a valid State permit-to-operate issued by the Department.
  - (b) COMAR 26.11.02.14D, which requires that the Permittee submit to the Department not later than 60 days prior to expiration of this permit a completed application for renewal.

**HOLCIM – MAR, INC.  
ROCKVILLE QUARRY  
13900 PINEY MEETINGHOUSE ROAD  
ROCKVILLE, MARYLAND 20850  
PERMIT-TO-OPERATE  
PERMIT No. 031-0528**

- (c) COMAR 26.11.02.19C & D, which require that the Permittee submit to the Department annual certifications of emissions, and that the Permittee maintain sufficient records to support the emissions information presented in such submittals.
- (d) COMAR 26.11.06.08 and 26.11.06.09, which generally prohibit the discharge of emissions beyond the property line in such a manner that a nuisance or air pollution is created.
- (e) COMAR 26.11.15.05, which requires that the Permittee implement "Best Available Control Technology for Toxics" (T – BACT) to control emissions of toxic air pollutants.
- (f) COMAR 26.11.15.06, which prohibits the discharge of toxic air pollutants to the extent that such emissions would unreasonably endanger human health.

**Part C – Operating Conditions**

- (1) Except as otherwise provided in this part, all registered equipment covered by this permit shall be operated in accordance with specifications included in the application and any operating procedures recommended by equipment vendors unless the Permittee obtains from the Department written authorization for alternative operating procedures.
- (2) The Permittee shall maintain and operate all installations and associated air pollution control equipment so as to assure full and continuous compliance with all applicable air pollution control regulations and permit conditions.
- (3) The Permittee shall properly maintain, calibrate, and operate all control panel instrumentation and all devices employed to monitor performance of the facility's air pollution control devices.
- (4) The exhaust flue gases from the following equipment shall vent through a baghouse before discharging into the atmosphere to meet the visible emissions and particulate matter requirements of COMAR 26.11.06.02C(2) and COMAR 26.11.06.03B(2):
  - (a) one (1) 900 TPH Allis Chalmers 4266 primary crusher;
  - (b) one (1) 900 TPH Symons 7' Standard Cone secondary crusher;

**HOLCIM – MAR, INC.  
ROCKVILLE QUARRY  
13900 PINEY MEETINGHOUSE ROAD  
ROCKVILLE, MARYLAND 20850  
PERMIT-TO-OPERATE  
PERMIT No. 031-0528**

- (c) one (1) 350 TPH Svedala H6000 tertiary crusher;
  - (d) one (1) 350 TPH Sandvik CH660 tertiary crusher;
  - (e) two (2) 375 TPH Metso 8' X 20' screens located in the screen house;
  - (f) one (1) 150 TPH Buell fines air classification system including two (2) GI-108 classifiers;
  - (a) One (1) 350 TPH Nordberg 400 tertiary crusher;
  - (b) Three (3) 375 TPH Deister 8' x 20' screeners;
  - (c) One (1) 375 TPH Trio 8' x 20' screener;
  - (g) the portable ready-mix concrete batch plant and cement silos; and
  - (h) the pugmill system and cement silo.
- (5) The Permittee shall vent the exhaust gases from the two (2) Metso 8' X 20' screens through a baghouse prior to discharging to the atmosphere to meet the visible emissions and particulate matter requirements of COMAR 26.11.06.02C(2) and COMAR 26.11.06.03B(2) and the following requirements of 40 CFR, Part 60, Subpart OOO for sources equipped with a capture systems constructed, modified, or reconstructed after August 31, 1983 but before April 22, 2008:
- (a) no more than 7 percent opacity for dry control devices; and
  - (b) no more than 0.022 grains per standard cubic foot of dry exhaust gas.
- [Reference: 40 CFR §60.672(a) and Table 2 to 40 CFR 60, Subpart OOO]**
- (6) Wet suppression systems shall be used for the one (1) 900 TPH Trio 8' X 24' Triple Deck Screener, the one (1) 800 TPH Trio 6' x 16' 2 Deck screener, and the one (1) 800 TPH Deister 8' x 16' 2 Deck screener equipped with a wet suppression system to meet the fugitive particulate matter requirements of COMAR 26.11.06.03C and COMAR 26.11.06.03D and the 10% opacity limit for fugitive sources specified in 40 CFR, Part 60, Subpart OOO for affected facilities at nonmetallic mineral processing plants constructed, modified, or reconstructed after August 31, 1983 but before April 22, 2008. **[Reference: 40 CFR §60.672(b) and Table 3 to 40 CFR 60, Subpart OOO]**

**HOLCIM – MAR, INC.  
ROCKVILLE QUARRY  
13900 PINEY MEETINGHOUSE ROAD  
ROCKVILLE, MARYLAND 20850  
PERMIT-TO-OPERATE  
PERMIT No. 031-0528**

- (7) The Permittee shall burn only No. 2 fuel oil in the water heater unless the Permittee receives an approval from the Department to burn alternate fuels.
- (8) All vehicles entering the property, except those which enter the separate office parking area, must proceed through the wash facility before exiting the property. The wash facility must be operating in a manner that thoroughly cleans all types of vehicles that exit from the quarry, processing or loading area, or which may carry entrained material onto the access road or public roadways.
- (9) All vehicles passing through the wash facility shall be visually inspected by quarry personnel prior to exiting the premises boundary. Those vehicles observed to have residues or entrained material on non-load carrying parts shall not be allowed to exit until the conditions have been corrected.
- (10) During any wash facility down-time, adequate on-site provisions must be available and implemented to prevent carry-over and deposition of foreign material and potentially dust producing substances onto the access road between the wash facility and Piney Meetinghouse Road, and the public roadway beyond.
- (11) Washing and sweeping the public road will not be considered an alternate procedure to proper cleaning of vehicles before exiting the quarry property.
- (12) Fugitive particulate emissions from the quarry roadways and stockpiles shall be controlled with water or an approved chemical dust suppressant or a combination thereof.

**Part D – Testing, Monitoring, Record Keeping and Reporting**

- (1) At least once each calendar year, the Permittee shall perform a black light leak detection test on all baghouses associated with the 900 ton per hour crushing and screening plant (ARA Registration No. 031-0528-6-0045).
- (2) The Permittee shall maintain a record of the hours of operation each day of all mining, excavation, processing and material handling functions.
- (3) The Permittee shall maintain a record of any down-time the vehicle wash facility experiences and what alternative provisions were made during the down-time to ensure that particulate matter was not entrained on the access road or Piney Meetinghouse Road.

**HOLCIM – MAR, INC.  
ROCKVILLE QUARRY  
13900 PINEY MEETINGHOUSE ROAD  
ROCKVILLE, MARYLAND 20850  
PERMIT-TO-OPERATE  
PERMIT No. 031-0528**

- (4) The Permittee shall maintain for at least five (5) years, and shall make available to the Department upon request, records of the following information:
- (a) The records of all black light leak detection tests performed on the baghouses;
  - (b) The records of the hours of operation each day of all mining excavation, processing, and materials handling functions;
  - (c) The records of any down-time the vehicle wash facility experiences and the alternate provisions taken during the down-time to ensure that particulate matter was not entrained on the access road or Piney Meetinghouse Road; and
  - (d) The total amount of stone processed by the crushing and screening plant (ARA Registration No. 031-0528-6-0045) per year.
  - (e) the types and amounts of fuel burned in the water heater each month; and
  - (f) all opacity observation and stack test results for 40 CFR 60, Subpart OOO affected facilities.
- (5) The Permittee shall maintain at the facility for at least five (5) years records necessary to support annual certifications of emissions and demonstrations of compliance for toxic air pollutants. Such records shall include, if applicable, the following:
- (a) mass emissions rates for each regulated pollutant, and the total mass emissions rate for all regulated pollutants for each registered source of emissions;
  - (b) accounts of the methods and assumptions used to quantify emissions;
  - (c) all operating data, including operating schedules and production data, that were used in determinations of emissions;
  - (d) amounts, types, and analyses of all fuels used;
  - (e) information concerning operation, maintenance, and performance of air pollution control equipment and compliance monitoring equipment, including:

**HOLCIM – MAR, INC.  
ROCKVILLE QUARRY  
13900 PINEY MEETINGHOUSE ROAD  
ROCKVILLE, MARYLAND 20850  
PERMIT-TO-OPERATE  
PERMIT No. 031-0528**

- (i) identifications and descriptions of all such equipment;
  - (ii) operating schedules for each item of such equipment;
  - (iii) accounts of any significant maintenance performed;
  - (iv) accounts of all malfunctions and outages; and
  - (v) accounts of any episodes of reduced efficiency.
- (f) limitations on source operation or any work practice standards that significantly affect emissions; and
- (g) other relevant information as required by the Department.
- (6) The Permittee shall submit to the Department by April 1 of each year during the term of this permit a certification of emissions for the previous calendar year. The certifications shall be prepared in accordance with requirements, as applicable, adopted under COMAR 26.11.01.05 – 1 and COMAR 26.11.02.19D.
- (a) Certifications of emissions shall be submitted on forms obtained from the Department.
  - (b) A certification of emissions shall include mass emissions rates for each regulated pollutant, and the total mass emissions rate for all regulated pollutants for each of the Permittee's registered sources of emissions.
  - (c) The person responsible for a certification of emissions shall certify the submittal to the Department in the following manner:  
  
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

**HOLCIM – MAR, INC.  
ROCKVILLE QUARRY  
13900 PINEY MEETINGHOUSE ROAD  
ROCKVILLE, MARYLAND 20850  
PERMIT-TO-OPERATE  
PERMIT No. 031-0528**

- (7) The Permittee shall submit to the Department, by April 1 of each year during the term of this permit, a written certification of the results of an analysis of emissions of toxic air pollutants from the Permittee's facility during the previous calendar year. Such analysis shall include either:
- (a) a statement that previously submitted compliance demonstrations for emissions of toxic air pollutants remain valid; or
  - (b) a revised compliance demonstration, developed in accordance with requirements included under COMAR 26.11.15 & 16, that accounts for changes in operations, analytical methods, emissions determinations, or other factors that have invalidated previous demonstrations.
- (8) The Permittee shall report, in accordance with requirements under COMAR 26.11.01.07, occurrences of excess emissions to the Compliance Program of the Air and Radiation Administration.



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MARYLAND DEPARTMENT OF THE ENVIRONMENT

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Air and Radiation Management Administration • Air Quality Permits Program

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JUN 26 2017

APPLICATION FOR PERMIT TO OPERATE PROCESS EQUIPMENT

1. Premise Identification:

Bardon, Inc. (d/b/a Aggregate Industries)

Premise Name or Identification

Operating Air Permit # 031-0528

Premise Number

Rockville Quarry    13900 Piney Meetinghouse Rd.    Rockville    MD    20850    Montgomery

Premise Address    City    State    Zip    County

2. Equipment Identification

Single installation     Process Line     Identical Units and No. \_\_\_\_\_

3. Describe Equipment and its Major Function. State Type and Size of Equipment and Type Control Device Associated with this Equipment Only.

One (1) 900 TPH 8' X 24' Trio triple deck screen with wet suppression.  
900 TPH Allis Chalmers 4266 Primary Crusher equipped with baghouse.  
900 TPH Symons 7 ft Standard Cone Secondary Crusher equipped with a baghouse.  
150 TPH Buell fines air classification system including two GI-108 classifiers and one Fisher Klosterman model 416 baghouse.  
Two (2) Svedala 350 tph H6000 tertiary crushers equipped with two (2) baghouses.  
One (1) Nordberg 350 tph HP400 tertiary crusher equipped with a baghouse.  
Four (4) Diester 375 tph 8' X 20' screens vent through three (3) baghouses associated with screen house.  
Two (2) Metso 8' X 20' 375 tph screens venting through (3) baghouses associated with screen house.  
One Trio 8'X 20' screen venting through (3) baghouses associated with screen house.  
Electric powered portable Rex Lo-Go Ready Mix Concrete (RMC) plant equipped with a Griffin model U-216 baghouse and silo, 150 cy/hr.  
2.1 MM BTU water heater, uses heating oil.  
1,000 TPH pugmill system with 100 ton cement silo and equipped with a C&W Manufacturing CP-1000 pulse-jet dust collector.

Signature

Title    Stephen Ward, General Manager

Date    June 19, 2017

# Air Permit Renewal Application

## MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Blvd • Baltimore, Maryland 21230  
(410) 537-3230 • 1-800-633-6101 • www.mde.state.md.us

Air and Radiation Management Administration • Air Quality Permits Program

### APPLICATION FOR PERMIT TO OPERATE PROCESS EQUIPMENT

**1. Premise Identification:**

Holcim-MAR Inc.

Premise Name or Identification

031-0528

Premise Number

13900 Piney Meetinghouse Rd.

Rockville

MD

20850

Montgomery

Premise Address

City

State

Zip

County

**2. Equipment Identification**

Single Installation

Process Line

Identical Units and No. \_\_\_\_\_

**3. Describe Equipment and its Major Function. State Type and Size of Equipment and Type Control Device Associated with this Equipment Only.**

ARMA Registration Number	Description	Date of Installation
031-0528-6-0045	<p>One (1) electric powered 900 ton per hour stone crushing and screening plant equipped with a wet suppression system and nine (9) baghouses consisting of the following equipment:</p> <ul style="list-style-type: none"> <li>One (1) 900 TPH Allis Chalmers 4266 primary crusher equipped with a baghouse;</li> <li>One (1) 900 TPH Symons 7' Standard Cone secondary crusher equipped with a baghouse;</li> <li>One (1) 350 TPH Svedala H6000 tertiary crusher equipped with two (2) baghouses;</li> <li>One (1) 350 TPH Sandvik CH 660 tertiary crusher equipped with two (2) baghouses</li> </ul> <p>Two (2) 375 TPH Metso 8'x20' screens venting through the three (3) baghouses associated with the screen house (subject to 40 CFR 60, subpart OOO pre-April 22, 2008 requirement);</p> <p>One (1) 900 TPH Trio 8'x24' Triple Deck screen equipped with a wet suppression system (subject to 40 CFR 60, Subpart OOO pre-April 22, 2008 requirements);</p> <p>One (1) 150 TPH Buell fines air classification system including two (2) G1-108 classifiers and one (1) Fisher Klosterman model 416 baghouse;</p> <p>One (1) 350 TPH Nordberg HP400 tertiary crusher equipped with a baghouse;</p> <p>Three (3) 375 TPH Deister 8'x20' screens venting through the three (3) baghouses associated with the screen house; and</p> <p>One (1) 375 TPH Trio 8'x 20' screen venting through the three (3) baghouses associated with the screen house.</p> <p>One (1) 800 TPH Diester 6x16 2 deck screen equipped with a wet suppression system</p>	<p>1973</p> <p>1973 (like kind replacement in 2007)</p> <p>2003</p> <p>2007</p> <p>2009</p> <p>1973 (like kind replacement in 2014)</p> <p>2022</p>
31-0528-6-0607	Rex Lo-Go electric powered portable ready-mix concrete plant equipped with Griffen environmental model U-216 baghouse and two (2) silos.	4/2000 modified in 2006
31-0528-6-1418	One (1) 2.1 MMBtu/hr No. 2 fuel-oil fired water heater.	2013
31-0528-6-0861	One (1) electric powered 1000 TPH pugmill system and one (1) 100 ton cement silo equipped with a C&W Manufacturing CP-1000 pulse-jet dust collector.	2008

Signature	<i>Timothy A. Bevard</i>	<i>Timothy A. Bevard</i>
Title	Land Manager	
Date	8/11/2022	

Form number: 26  
Revision date: 09/27/2002  
TTY Users 1-800-735-2258

**MARYLAND DEPARTMENT OF THE ENVIRONMENT**  
1800 Washington Boulevard • Baltimore MD 21230  
(410) 537-3000 • 1-800-633-6101 • <http://www.mde.maryland.gov>

**APPLICATION FOR STATE PERMIT TO OPERATE  
FOR CHANGE OF OWNERSHIP  
AIR AND RADIATION ADMINISTRATION**

**Owner Information:**

Name of Owner or Operator: <b>Holcim-MAR Inc.</b>		
Street Address: <b>6401 Golden Triangle Dr., Suite 400</b>		
City: <b>Greenbelt</b>	State: <b>MD</b>	Zip Code: <b>20770</b>
Telephone Number: <b>(301) 982-1400</b>	Fax Number: <b>N/A</b>	

**Facility Information:**

Name of Facility: <b>Rockville Quarry</b>	Premises (Permit) Number: <b>031-0528</b>
Street Address: <b>13900 Piney Meetinghouse Rd.</b>	
City: <b>Rockville</b>	State: <b>MD</b> Zip Code: <b>20850</b>
Plant Manager: <b>David Morgan</b>	Telephone Number: <b>(240) 761-5871</b> Fax Number: <b>N/A</b>
24-Hour Emergency Telephone Number for Air Pollution Matters: <b>(240) 564-3877</b>	
Contact for Permit Issues: <b>Timothy A. Bevard</b>	Title: <b>Manager, Land</b>
Telephone Number: <b>(301) 580-5206</b>	E-Mail Address: <b>tim.bevard@holcim.com</b>



**MARYLAND DEPARTMENT OF THE ENVIRONMENT**

**2. Complete the following information:**

Date when purchased company: **May 1<sup>st</sup>, 2022**

Previous owner's name: **Bardon-Inc.**

Primary business activity at purchased location: **Mining**

NAICS or SIC (if known):

Facility Contact (Include name, position & telephone number):

**3. Equipment Inventory**

Attached and incorporated by reference as part of this application, is a current list of registered equipment at this facility. Please review and confirm the operational status of indicated equipment. If a piece of equipment is not on site, please note date of removal if known.

**4. Certification by Responsible Official:**

**"I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision and in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person(s) who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."**

RESPONSIBLE OFFICIAL:

Timothy A. Bevard

08/10/2022

SIGNATURE

DATE

Timothy A. Bevard  
Manager, Land





Via email: [mdeair.ECR@maryland.gov](mailto:mdeair.ECR@maryland.gov)  
Copy to: [Andrew.benal@maryland.gov](mailto:Andrew.benal@maryland.gov)

March 11, 2022

Maryland Department of the Environment  
Air and Radiation Management Administration  
1800 Washington Boulevard, Suite 715  
Baltimore, MD 21230-1720

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OCT 07 2022

Environmental Protection

Attention: MDE Compliance Program

Re: 2021 Emissions Certification – Facility Number 031-00528  
Rockville Crushed Stone

Dear MDE,

Enclosed please find the Emissions Certification and Toxic Air Pollutants Emission Certification Report for the above referenced facility. It is our commitment to continue to comply with Maryland's Air Toxic Regulations (COMAR 26.11.15) and to the best of our knowledge we have been in full compliance during the past year.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions or require additional information, please do not hesitate to contact myself or Tim Bevard at 301-982-1485 or by e-mail [tim.bevard@aggregate-us.com](mailto:tim.bevard@aggregate-us.com).

Sincerely,



Cedric Barthelémy  
Vice President/GM

enclosure

AGGREGATE INDUSTRIES  
MID ATLANTIC REGION  
6401 Golden Triangle Dr., Suite 400  
Greenbelt, Maryland 20770  
Telephone 301-982-1400  
[www.aggregate-us.com](http://www.aggregate-us.com)

A member of the Holcim Group

An AGGREGATE INDUSTRIES company

MARYLAND DEPARTMENT OF THE ENVIRONMENT  
 1800 Washington Boulevard, Suite 715, Baltimore, Maryland 21230-1720  
 410-537-3000, 1-800-633-6101, <http://www.mde.state.md.us>  
 Air and Radiation Management Administration  
 Air Quality Compliance Program  
 410-537-3220

**FORM 1**

**Air Permit No. 031-00528**

**GENERAL FACILITY INFORMATION  
 EMISSIONS CERTIFICATION REPORT**

Calendar Year: 2021

<b>A. FACILITY IDENTIFICATION</b>		<b>Do Not Write in This Space</b>	
Facility Name: <b>Aggregate Industries - Rockville Quarry</b>		Date Received Regional:	
Address: <b>13900 Piney Meetinghouse Road</b>		Date Received State:	
City: <b>Rockville</b> County: <b>Montgomery</b> Zip Code: <b>20850</b>		AIRS Code:	
<b>B. Briefly Describe the Major Function of the Facility</b>		FINDS Code:	
<b>Quarry Operation and Concrete Batching</b>		SIC Code:	
		Facility Number:	
		Source Latitude and Longitude	
<b>C. SEASONAL PRODUCTION (if applicable)</b>		Reviewed:	
Winter (Dec.- Feb.) 15%	Spring (Mar.- May) 31%	Summer (Jun.- Aug.) 31%	Fall (Sep.- Nov.) 23%
		Name: _____ Date: _____	
<b>D. Explain any increase /Decrease in Emissions From Previous Calendar Year for Each Registration at this Facility.</b>			
<b>Emissions vary with production and weather conditions</b>			
<b>E. CONTROL DEVICE INFORMATION (for Nox and VOC sources only)</b>			
Control Device	Capture Efficiency	Removal Efficiency	
This facility does not use add on NOX and VOC control devices			

I am familiar with the facility and the installations and sources for which this report is submitted. I have personally examined the information in this report, which consists of 20 pages (including attachments), and certify that the information is correct to the best of my knowledge.

**Cedric Barthelmy**

**General Manager**

**3-11-22**

Name (Print/Type)

Title

Date

(301) 982-1400

Signature

Telephone

**FORM 2**

**CRITERIA AIR POLLUTANTS  
EMISSIONS CERTIFICATION REPORT**

FACILITY NAME: Rockville Batch Plant FACILITY ID#: 031-00528 POLLUTANT: NOX CALENDAR YEAR: 2021

Equipment Description Registration No.	SCC Number	Fuel	Actual Emissions		Operating Schedule (Actual)						TOSD	Operating Schedule			Emissions Method
			Tons/yr	Lbs/day	Hrs/day	Start	End	Days/wk	Wks/yr	Days/yr	Lbs/day	Hrs/day	Start	End	
Water Heater 031-0528-4-1418	10-20-0502	Heating Oil	0.02768	0.18894	12	n/a	n/a	8	52	293	0.22673				C-3
<b>TOTAL</b>			0.02768	0.18894							0.22673				

S- Stack Emissions    F- Fugitive Emissions    Daily Emissions (Lbs/day) are lbs/operating day of the source

TOSD- Typical Ozone Season Day - means a typical day of that time of the year during which conditions for photochemical conditions are most favorable, which is generally during sustained periods of direct sunlight and warm temperatures (April-September). This section needs to be completed only for VOC and NOx sources.

Fuel: Include emissions for each fuel used. If more than one fuel is used, calculate and list emissions Separately for each fuel.

**Emission Estimation Method**

- |                                       |   |   |
|---------------------------------------|---|---|
| A-1- U.S. EPA Reference Method        | C-1- User calculated based on source test or other measurement                            | C-5- User calculated based on a State or Local agency emission factor |
| A-2- Other Particulate Sampling Train | C-2- User calculated based on material balance using engineering knowledge of the process | C-6- New construction, not operational                                |
| A-3- Liquid Absorption Technique      | C-3- User calculated based on AP-42   | C-7- Source closed, operation ceased                                  |
| A-4- Solid Absorption Techniques      | C-4- User calculated by best guess/engineering judge                                      | C-8- Computer calculated based on standard                            |
| A-5- Freezing Out Technique           |   |   |
| A-9- Other, Specify                   |   |   |



**FORM 2**

**CRITERIA AIR POLLUTANTS  
EMISSIONS CERTIFICATION REPORT**

FACILITY NAME: Rockville Batch Plant FACILITY ID#: 031-00528 POLLUTANT: SOX CALENDAR YEAR: 2021

Equipment Description Registration No.	SCC Number	Fuel		Actual Emissions		Operating Schedule (Actual)					TOSD	Operating Schedule			Emissions Method	
				Tons/yr	Lbs/day	Hrs/day	Start	End	Days/wk	Wks/yr	Days/yr	Lbs/day	Hrs/day	Start	End	
Water Heater 031-0528-4-1418	10-20-0502	Heating Oil	S	0.05979	0.40811	12	n/a	n/a	6	52	293					C-3
			F													
			S													
			F													
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			F													
<b>TOTAL</b>				<b>0.05979</b>	<b>0.40811</b>											

S- Stack Emissions

F- Fugitive Emissions

Daily Emissions (Lbs/day) are lbs/operating day of the source

TOSD- Typical Ozone Season Day - means a typical day of that time of the year during which conditions for photochemical conditions are most favorable, which is generally during sustained periods of direct sunlight and warm temperatures (April-September). This section needs to be completed only for VOC and NOx sources.

Fuel: Include emissions for each fuel used. If more than one fuel is used, calculate and list emissions Separately for each fuel.

Emission Estimation Method

- A-1- U.S. EPA Reference Method
- A-2- Other Particulate Sampling Train
- A-3- Liquid Absorption Technique
- A-4- Solid Absorption Techniques
- A-5- Freezing Out Technique
- A-9- Other, Specify

- C-1- User calculated based on source test or other measurement
- C-2- User calculated based on material balance using engineering knowledge of the process
- C-3- User calculated based on AP-42
- C-4- User calculated by best guess/engineering judge

- C-5- User calculated based on a State or Local agency emission factor
- C-6- New construction, not operational
- C-7- Source closed, operation ceased
- C-8- Computer calculated based on standard

**FORM 2**

**CRITERIA AIR POLLUTANTS  
EMISSIONS CERTIFICATION REPORT**

FACILITY NAME: Rockville Batch Plant FACILITY ID#: 031-00528 POLLUTANT: CO CALENDAR YEAR: 2021

Equipment Description Registration No.	SCC Number	Fuel	Actual Emissions		Operating Schedule (Actual)						TOSD	Operating Schedule		Emissions Method	
			Tons/yr	Lbs/day	Hrs/day	Start	End	Days/wk	Wks/yr	Days/yr	Lbs/day	Hrs/day	Start		End
Water Heater 031-0528-4-1418	10-20-0502	Heating Oil	S 0.00692	F 0.04724	12	n/a	n/a	6	52	293					C-3
			S												
			F												
			S												
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TOTAL			S 0.00692	F 0.04724											

S- Stack Emissions

F- Fugitive Emissions

Daily Emissions (Lbs/day) are lbs/operating day of the source

TOSD- Typical Ozone Season Day - means a typical day of that time of the year during which conditions for photochemical conditions are most favorable, which is generally during sustained periods of direct sunlight and warm temperatures (April-September). This section needs to be completed only for VOC and NOx sources.

Fuel: Include emissions for each fuel used. If more than one fuel is used, calculate and list emissions separately for each fuel.

Emission Estimation Method

- A-1- U.S. EPA Reference Method
- A-2- Other Particulate Sampling Train
- A-3- Liquid Absorption Technique
- A-4- Solid Absorption Techniques
- A-5- Freezing Out Technique
- A-9- Other, Specify

- C-1- User calculated based on source test or other measurement
- C-2- User calculated based on material balance using engineering knowledge of the process
- C-3- User calculated based on AP-42
- C-4- User calculated by best guess/engineering judgement

- C-5- User calculated based on a State or Local agency emission factor
- C-6- New construction, not operational
- C-7- Source closed, operation ceased
- C-8- Computer calculated based on standard

**FORM 2**

**CRITERIA AIR POLLUTANTS  
EMISSIONS CERTIFICATION REPORT**

FACILITY NAME: Rockville Batch Plant FACILITY ID#: 031-00528 POLLUTANT: VOC CALENDAR YEAR: 2021

Equipment Description Registration No.	SCC Number	Fuel		Actual Emissions		Operating Schedule (Actual)						TOSD	Operating Schedule				Emissions Method
				Tons/yr	Lbs/day	Hrs/day	Start	End	Days/wk	Wks/yr	Days/yr	Lbs/day	Hrs/day	Start	End		
Water Heater 031-0528-4-1418	10-20-0502	Heating Oil	S	0.00035	0.00238	12	n/a	n/a	6	52	293	0.00286					C-3
			F														
			S														
			F														
			S														
			F														
			S														
			F														
			S														
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			F														
			S														
			F														
			S														
			F														
			S														
			F														
<b>TOTAL</b>				0.00035	0.00238							0.00286					

S- Stack Emissions

F- Fugitive Emissions

Daily Emissions (Lbs/day) are lbs/operating day of the source

TOSD- Typical Ozone Season Day - means a typical day of that time of the year during which conditions for photochemical conditions are most favorable, which is generally during sustained periods of direct sunlight and warm temperatures (April-September). This section needs to be completed only for VOC and NOx sources.

Fuel: Include emissions for each fuel used. If more than one fuel is used, calculate and list emissions Separately for each fuel.

Emission Estimation Method

- A-1- U.S. EPA Reference Method
- A-2- Other Particulate Sampling Train
- A-3- Liquid Absorption Technique
- A-4- Solid Absorption Techniques
- A-5- Freezing Out Technique
- A-9- Other, Specify

- C-1- User calculated based on source test or other measurement
- C-2- User calculated based on material balance using engineering knowledge of the process
- C-3- User calculated based on AP-42
- C-4- User calculated by best guess/engineering judgment

- C-5- User calculated based on a State or Local agency emission factor
- C-6- New construction, not operational
- C-7- Source closed, operation ceased
- C-8- Computer calculated based on standard

**EMISSIONS CERTIFICATION REPORT  
Particulate Matter**

CALENDAR YEAR: 2021

FACILITY NAME: Rockville Batch Plant

FACILITY ID#: 031-00528

POLLUTANT: PM

Equipment Description Registration No.	SCC Number	Fuel		PM- Filterable		PM 10 - Filterable		PM 2.5 - Filterable		PM Condensible		Operation Days/yr	Emissions Method
				Tons/yr	Lbs/day	Tons/yr	Lbs/day	Tons/yr	Lbs/day	Tons/yr	Lbs/day		
Water Heater 031-0528-4-1418	1-02-005-02	Heating Oil	S	0.00277	0.01889	0.00149	0.01020	0.00115	0.00784	0.00180	0.01228	293	C-3
			F										
			S										
			F										
			S										
			F										
			S										
			F										
			S										
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			S										
			F										
			S										
			F										
<b>TOTAL</b>				<b>0.00277</b>	<b>0.01889</b>	<b>0.00149</b>	<b>0.01020</b>	<b>0.00115</b>	<b>0.00784</b>	<b>0.00180</b>	<b>0.01228</b>		

S- Stack Emissions

F- Fugitive Emissions

Daily Emissions (Lbs/day) are lbs/operating day of the source

TOSD- Typical Ozone Season Day - means a typical day of that time of the year during which conditions for photochemical conditions are most favorable, which is generally during sustained periods of direct sunlight and warm temperatures (April-September). This section needs to be completed only for VOC and NOx sources.

Fuel: Include emissions for each fuel used. If more than one fuel is used, calculate and list emissions Separately for each fuel.

**Emission Estimation Method**

- A-1- U.S. EPA Reference Method
- A-2- Other Particulate Sampling Train
- A-3- Liquid Absorption Technique
- A-4- Solid Absorption Techniques
- A-5- Freezing Out Technique
- A-9- Other, Specify

- C-1- User calculated based on source test or other measurement
- C-2- User calculated based on material balance using engineering knowledge of the process
- C-3- User calculated based on AP-42
- C-4- User calculated by best guess/engineering judge

- C-5- User calculated based on a State or Local agency emission factor
- C-6- New construction, not operational
- C-7- Source closed, operation ceased
- C-8- Computer calculated based on standard

EMISSIONS CERTIFICATION REPORT  
Particulate Matter

CALENDAR YEAR: 2021

FACILITY NAME: Rockville Crushed Stone

FACILITY ID#: 031-00528

POLLUTANT: PM

Equipment Description Registration No.	SCC Number	Fuel		PM- Filterable		PM 10 - Filterable		PM 2.5 - Filterable		PM Condensible		Operation Days/yr	Emissions Method
				Tons/yr	Lbs/day	Tons/yr	Lbs/day	Tons/yr	Lbs/day	Tons/yr	Lbs/day		
Primary Crusher 031-0528-6-0045	3-05-020-01		S									293	C-3
			F	0.700	4.760	0.340	2.340						
1 - 900 TPH Screen	3-05-020-02		S									293	C-3
			F	1.280	8.720	0.430	2.930	0.030	0.200				
Secondary Crusher	3-05-050-02		S									293	C-3
			F	0.560	3.810	0.270	1.870						
3 - 375 TPH Screens	3-05-020-21		S									293	C-3
			F	0.610	4.190	0.210	1.410	0.010	0.100				
1 - 350 TPH Tertiary	3-05-020-03		S									293	C-3
			F	0.170	1.140	0.080	0.560						
2 - 350 TPH Tertiary	3-05-020-03		S									293	C-3
			F	0.390	2.660	0.190	1.310						
3 - 375 TPH Screens	30-50-2021		S									293	C-3
			F	0.410	2.790	0.140	0.940	0.010	0.060				
Concrete Batching 031-0528-6-0607	3-05-011-10		S									293	C-3
			F	0.260	1.800	0.070	0.510	0.010	0.090				
Pug Mill 031-0528-6-0861	3-05-020-32		S									293	C-3
			F	0.060	0.380								
Buell Classifier 031-0528-6-0045	3-05-038-12	Did Not Operate	S									293	C-3
			F	0.000	0.000	0.000	0.000	0.000	0.000				
TOTAL					4.440	30.250	1.730	11.870	0.060	0.450			

S- Stack Emissions

F- Fugitive Emissions

Daily Emissions (Lbs/day) are lbs/operating day of the source

TOSD- Typical Ozone Season Day - means a typical day of that time of the year during which conditions for photochemical conditions are most favorable, which is generally during sustained periods of direct sunlight and warm temperatures (April-September). This section needs to be completed only for VOC and NOx sources.

Fuel: Include emissions for each fuel used. If more than one fuel is used, calculate and list emissions separately for each fuel.

Emission Estimation Method

- A-1- U.S. EPA Reference Method
- A-2- Other Particulate Sampling Train
- A-3- Liquid Absorption Technique
- A-4- Solid Absorption Techniques
- A-5- Freezing Out Technique
- A-9- Other, Specify

- C-1- User calculated based on source test or other measurement
- C-2- User calculated based on material balance using engineering knowledge of the process
- C-3- User calculated based on AP-42
- C-4- User calculated by best guess/engineering judgement

- C-5- User calculated based on a State or Local agency emission factor
- C-6- New construction, not operational
- C-7- Source closed, operation ceased
- C-8- Computer calculated based on standard

**FORM 4**

**TOXIC AIR POLLUTANTS  
EMISSIONS CERTIFICATION REPORT**

Facility Name: Rockville Crushed Stone

Facility ID#: 031-00528

Pollutant: NONE

Calendar Year: 2021

Equipment Description/ Registration Number	Actual Emissions		Control Device**	% Efficiency
	Lbs/hour	Tons/Yr		
	None			
<b>TOTALS</b>	None	None		

\*Please attach all calculations.  
 \*See attachment 1 for the minimum reporting values.  
 †Emissions must be broken down by equipment registration number (ex. 9-0076, 9-0077)  
 \*\*S = Scrubber, B = Baghouse, ESP = Electrostatic Precipitator, A = Afterburner, C = Condensor,  
 AD = Adsorption, O = Other

**FORM 5**

**BILLABLE TOXIC AIR POLLUTANTS  
EMISSIONS CERTIFICATION REPORT**

Facility Name: Rockville Crushed Stone

Facility ID#: 031-00528

Pollutant: NONE

Calendar Year: 2021

Chemical Name	CAS Number		Actual Emissions		Estimation Method
			Lbs/hr	Tons/year	
carbon disulfide	75-15-0	S			
		F			
carbonyl sulfide	463-58-1	S			
		F			
chlorine	7782-50-5	S			
		F			
cyanide compounds	57-12-5	S			
		F			
hydrochloric acid	7647-01-0	S			
		F			
hydrogen fluoride	7664-39-3	S			
		F			
methyl chloroform	71-55-6	S			
		F			
methylene chloride	75-09-2	S			
		F			
perchloroethylene	127-18-4	S			
		F			
phosphine	7803-51-2	S			
		F			
titanium tetrachloride	7550-45-0	S			
		F			
<b>TOTALS</b>			None	None	

**Emission Estimation Method**

- A1- U.S. EPA Reference Method
- A2- Other Particulate Sampling Train
- A3- Liquid Absorption Technique
- A4- Solid Absorption Technique
- A5- Freezing Out Technique
- A9- Other, Specify:

- C1- User calculator based on source test or other measurement
- C2- User calculated based on material balance using engineering knowledge of the process
- C3- User calculated based on AP-42
- C4- User calculated by best guess/engineering judgement
- C5- User calculated based on State or local agency factor
- C6- New construction, not operational
- C7- Source closed, operation ceased
- C8- Computer calculated based on standards

This form to include only the eleven chemicals identified.

S- Stack Emissions      F- Fugitive Emissions      Daily Emissions (lbs/day) are lbs/operating day of the source

**GREENHOUSE GAS AIR POLLUTANTS  
EMISSIONS CERTIFICATION REPORT**

Calendar Year: 2021

Facility Name: Rockville Batch Plant

Facility ID: 031-00528

Pollutant: CO2

Actual Emissions Equipment Description/ Registration Number1	Actual Emissions		
	Tons/yr	Lbs/day	Lbs/hr
Water Heater 031-0528-4-1418	30.863	210.670	17.556
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<b>TOTALS</b>	<b>30.863</b>	<b>210.670</b>	<b>17.556</b>

**This form must be used to report  
Greenhouse gas emissions:**

- carbon dioxide (CO2)
- methane (CH4)
- nitrous oxide (N2O)
- hydrofluorocarbons (HFCs)
- perfluorocarbons (PFCs)
- sulfur hexafluoride (SF6)

**\* Use a separate form for each pollutant.**

**\* Please attach all calculations.**



**GREENHOUSE GAS AIR POLLUTANTS  
EMISSIONS CERTIFICATION REPORT**

Calendar Year: 2021

Facility Name: Rockville Batch Plant

Facility ID: 031-00528

Pollutant: CH4

Actual Emissions Equipment Description/ Registration Number1	Actual Emissions		
	Tons/yr	Lbs/day	Lbs/hr
Water Heater 031-0528-4-1418	0.00030	0.00204	0.00017
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<b>TOTALS</b>	<b>0.00030</b>	<b>0.00204</b>	<b>0.00017</b>

**This form must be used to report  
Greenhouse gas emissions:**

- carbon dioxide (CO2)
- methane (CH4)
- nitrous oxide (N2O)
- hydrofluorocarbons (HFCs)
- perfluorocarbons (PFCs)
- sulfur hexafluoride (SF6)

\* Use a separate form for each pollutant.  
\* Please attach all calculations.

GREENHOUSE GAS AIR POLLUTANTS

Calendar Year: 2021

EMISSIONS CERTIFICATION REPORT

Facility Name: Rockville Batch Plant

Facility ID: 031-00528

Pollutant: N2O

Actual Emissions	Actual Emissions		
Equipment Description/ Registration Number <sup>1</sup>	Tons/yr	Lbs/day	Lbs/hr
Water Heater 031-0528-4-1418	0.00036	0.00246	0.00021
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TOTALS	0.00036	0.00246	0.00021

This form must be used to report Greenhouse gas emissions:

- carbon dioxide (CO<sub>2</sub>)
- methane (CH<sub>4</sub>)
- nitrous oxide (N<sub>2</sub>O)
- hydrofluorocarbons (HFCs)
- perfluorocarbons (PFCs)
- sulfur hexafluoride (SF<sub>6</sub>)

\* Use a separate form for each pollutant.

\* Please attach all calculations.

<sup>1</sup> Emissions must be broken down by equipment registration number (ex. 9-0076, 9-0077)

EMISSIONS CERTIFICATION REPORT

Facility Name: Rockville Batch Plant

Facility ID: 031-00528

Pollutant: HFCs

Actual Emissions Equipment Description/ Registration Number <sup>1</sup>	Actual Emissions		
	Tons/yr	Lbs/day	Lbs/hr
Water Heater 031-0528-4-1418	None	None	None
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TOTALS	None	None	None

This form must be used to report Greenhouse gas emissions:

- carbon dioxide (CO2)
- methane (CH4)
- nitrous oxide (N2O)
- hydrofluorocarbons (HFCs)
- perfluorocarbons (PFCs)
- sulfur hexafluoride (SF6)

\* Use a separate form for each pollutant.

\* Please attach all calculations.

<sup>1</sup> Emissions must be broken down by equipment registration number (ex. 9-0076, 9-0077)

**FORM 6: Greenhouse Gases**

**GREENHOUSE GAS AIR POLLUTANTS Calendar Year: 2021**

**EMISSIONS CERTIFICATION REPORT**

**Facility Name: Rockville Batch Plant**

**Facility ID: 031-00528**

**Pollutant: PFCs**

<b>Actual Emissions</b>	<b>Actual Emissions</b>		
<b>Equipment Description/ Registration Number<sup>1</sup></b>	<b>Tons/yr</b>	<b>Lbs/day</b>	<b>Lbs/hr</b>
Water Heater 031-0528-4-1418	None	None	None
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<b>TOTALS</b>	None	None	None

**This form must be used to report Greenhouse gas emissions:**

- carbon dioxide (CO2)
- methane (CH4)
- nitrous oxide (N2O)
- hydrofluorocarbons (HFCs)
- perfluorocarbons (PFCs)
- sulfur hexafluoride (SF6)

\* Use a separate form for each pollutant.

\* Please attach all calculations.

<sup>1</sup> Emissions must be broken down by equipment registration number (ex. 9-0076, 9-0077)

EMISSIONS CERTIFICATION REPORT

Facility Name: Rockville Batch Plant

Facility ID: 017-0202

Pollutant: SF6

Actual Emissions Equipment Description/ Registration Number <sup>1</sup>	Actual Emissions		
	Tons/yr	Lbs/day	Lbs/hr
Water Heater 031-0528-4-1418	None	None	None
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TOTALS	None	None	None

This form must be used to report Greenhouse gas emissions:

- carbon dioxide (CO2)
- methane (CH4)
- nitrous oxide (N2O)
- hydrofluorocarbons (HFCs)
- perfluorocarbons (PFCs)
- sulfur hexafluoride (SF6)

\* Use a separate form for each pollutant.

\* Please attach all calculations.

<sup>1</sup> Emissions must be broken down by equipment registration number (ex. 9-0076, 9-0077)



# Maryland

## Department of the Environment

Larry Hogan, Governor  
Boyd K. Rutherford, Lt. Governor  
Ben Grumbles, Secretary  
Horacio Tablada, Deputy Secretary

06/23/2021

SHARON HOGAN, ENVIRONMENTAL ADVISOR  
BARDON, INC. DBA AGGREGATE INDUSTRIES  
6401 GOLDEN TRIANGLE DRIVE SUITE 400  
GREENBLET, MD, 20770

RE: **MODIFIED** General Discharge Permit 15MM: Discharges from Mineral Mines, Quarries, Borrow Pits and Concrete and Asphalt Plants – NPDES Permit NO. MDG491365 - Registration Number **15MM1365A**

Dear SHARON HOGAN:

The Maryland Department of the Environment has received your notice of intent (NOI) for coverage under the general permit for discharges from mineral mines. This letter will serve as your receipt and notification that your NOI has been accepted.

In signing the NOI, you have certified your company's agreement to comply with the terms of this permit for its operations located at 13900 Piney Meetinghouse Rd Rockville, MD, 20850. Authorization for this facility's discharge, under Registration Number 15MM1365 (now 15MM1365A), became effective as of 12/26/2017 and extends until [April 30, 2022](#).

### Covered Discharges

The permit provides a complete list of the covered discharges (see Eligible Discharges, [Permit Part I.E](#)).

- Non-stormwater discharges from water used to fight active fires (not from fire system cleaning or testing)
- Non-stormwater discharges from pavement wash waters where no detergents are used and no spills or leaks of toxic or hazardous materials have occurred (unless all spilled material has been removed)
- Non-stormwater discharges from landscape watering, only if all pesticides, herbicides, and fertilizer have been applied in accordance with the approved labeling
- Non-stormwater discharges from routine external building wash down that does not use detergents and any dislodged paint chips are filtered
- Non-stormwater discharges from uncontaminated condensate from air conditioners, coolers, and other compressors and from the outside storage of refrigerated gases or liquids
- Non-stormwater discharges from irrigation drainage
- Non-stormwater discharges from uncontaminated ground water or spring water
- Non-stormwater discharges from foundation or footing drains where flows are not contaminated with process materials
- Non-stormwater discharges from incidental windblown mist from cooling towers that collects on rooftops or adjacent portions of your facility, but not intentional discharges from the cooling tower (e.g., "piped" cooling tower blowdown or drains)
- Non-stormwater discharges from process generated wastewater from quarries, crushed and dimension stone, and shale operations (appendix D limits apply)
- Non-stormwater discharges from waste wash water at concrete plant operations from hosing down

vehicles, including washing concrete mixer trucks, mixing equipment, and moulds or forms, to surface or ground waters (appendix D limits apply)

- Non-stormwater discharges from waste wash water at concrete plant operations from miscellaneous wastewater from spillage at ready-mix plants and concrete manufacturing plants to surface or ground waters.

### **Control Measures and Non-Numeric Limits**

You must implement the elements of the permit as applicable (see Permit Part III.B) including Minimizing Exposure; Good Housekeeping; Maintenance; Spill Prevention and Response; Erosion and Sediment Controls; Management of Runoff; Salt Storage Piles or Piles Containing Salt; Employee Training; Waste, Garbage and Floatable Debris; and Dust Generation and Vehicle Tracking of Industrial Materials. You must also consider any sector specific controls referenced in Permit Appendix D.

You must eliminate non-stormwater discharges not authorized by a NPDES or State discharge permit.

### **SWPPP Requirements**

Your registration requires a Stormwater Pollution Prevention Plan (SWPPP) (see Permit Part III.C). The SWPPP must be kept updated, on-site, and available for an inspector. The SWPPP you provided documented your initial selection, design, and installation of control measures. The SWPPP includes requirements for a Stormwater Pollution Prevention Team; Site Description; Summary of Potential Pollutant Sources; Description of Control Measures to Meet Effluent Limits; Schedules and Procedures and Signature Requirements. The permit also has Requirement for SWPPP Modifications, and requirements for what documentation should be kept available with the SWPPP. You must also include an additional sector specific controls referenced in Permit Appendix D.

### **Corrective Action Requirements**

In certain situations you must take specific actions to address problems or triggering conditions (see Permit Part IV). If any of the triggering conditions occur, you must review and revise the selection, design, installation, and implementation of your control measures, within deadlines, to ensure that the condition is eliminated and will not be repeated. If you take a corrective action you must also follow the permit reporting requirements.

### **Inspections, Monitoring and Reporting**

Your registration requires certain inspections, monitoring and reporting (see Permit Part V). This includes specific requirements to conduct three types of Site Inspections and Evaluations: Routine Facility Inspection, a Comprehensive Site Compliance Evaluation, and Quarterly Visual Inspections using Quarterly Visual Monitoring Form in Permit Appendix B. The permit provides for various exceptions from monitoring including Inactive and Unstaffed Sites and Substantially identical outfalls Exceptions to Routine Facility Inspections. Your monitoring results must be submitted quarterly via electronic Discharge Monitoring Reports (NetDMRs) (see Permit Part V.B.4).

**The facility is registered for the following discharges:**

**Outfall Specific Benchmark Monitoring and/or Limits for Outfall 001:**

Your registration is subject to Benchmark Monitoring and Numeric Limits as specified below. If you need to update these, send in an updated NOI and a new registration letter will be provided.

**Table E-2 Subsector E2 Benchmarks (Concrete and Gypsum Product Manufacturers SIC 3271-3275)**

PARAMETER	Benchmark	Units	Frequency	Sample Type
Total Suspended Solids (TSS)	100	mg/L	1/quarter	Grab

**Table E-4 Numeric Limits for Concrete Washout from Concrete Mixer Trucks, Moulds, or Equipment**

PARAMETER	Limits			Monitoring Frequency	Sample Type
	Monthly Average	Daily Maximum	UNITS		
Flow	REPORT	REPORT	gpd	1/month	measured
pH	6.5-8.5	6.0-90	s.u.		grab
Total Suspended Solids (TSS)	30	60	mg/L		
Oil & Grease		15 <sup>(a)</sup>	mg/L		

No visible sheen is permissible on any water discharging from the facility.

(a) Pertains to SIC 3272 concrete plants using molds

**Table E-5 Numeric Reporting and Limits for Vehicle Wash Water.**

PARAMETER	Limits				Monitoring Frequency	Sample Type
	Daily Minimum	Monthly Average	Daily Maximum	UNITS		
Flow		REPORT	REPORT	gpd	1/month	measured

No visible sheen is permissible on any water discharging from the facility.

**Table J-1 Sector J1 Benchmarks Sand and Gravel Mining (SIC 1442-1446) and Stone and Minerals (SIC 1411, 1422-1429, 1481, 1499)**

Parameter	Benchmark	Units	Frequency	Sample Type
Total Suspended Solids (TSS)	100	mg/L	1/quarter	Grab



Table J-3 Numeric Limits for dewatering discharges at crushed stone mining facilities (SIC 1423 - 1429)

Parameter	Effluent Limit	Units	Frequency	Sample Type
Flow	REPORT monthly avg, and daily maximum	gpd	1/month	Measured
pH (daily maximum)	6.0 - 9.0	s.u.	1/month	Grab
pH (monthly average)	6.5 - 8.5	s.u.	1/month	Grab
Total Suspended Solids (TSS) - Dewatering Only	30 monthly avg, 66 daily maximum	mg/L	1/month	Grab
Total Suspended Solids (TSS) - Dewatering and Process Water	45 monthly avg, 60 daily maximum	mg/L	1/month	Grab (a)

**Notes:**

- (a) Monthly average limits apply to every facility that discharges three or more times during the month. A discharge beginning one day and lasting into a second day is considered two discharges when determining whether or not the monthly average limit applies.
- (b) For discharges to Use III or Use IV streams during June, July, August and September. Samples to be taken at the beginning of discharge and midway through discharge.
- (c) Temperature Difference is determined by following the steps below until you verify you are either demonstrating compliance or noncompliance.
  - i) If the effluent temperature  $\leq 68\text{F}$  (Use III) or  $\leq 75\text{F}$  (Use IV), then report "Temperature Difference" = 0, demonstrating compliance. Otherwise proceed to the next step.
  - ii) Calculate "Temperature Difference" = effluent - receiving water temperature upstream of the discharge. If the result is  $\leq 0$  then report the value which is compliant. If it is  $> 0$  proceed to the next step.
  - iii) Calculate "Temperature Difference" = edge of mixing zone temperature (50 feet downstream of discharge) - [68F (Use III) or  $\leq 75\text{F}$  (Use IV)]. If the result is  $\leq 0$  then report the value which is compliant. If it is  $> 0$  proceed to the next step.
  - iv) Calculate "Temperature Difference" = edge of mixing zone temperature (50 feet downstream of discharge) - receiving water temperature upstream of the discharge. If the result is  $\leq 0$  then report the negative value which is compliant. If it is  $> 0$  then report the positive value which is a permit violation.

**Table J-6 Numeric Reporting and Limits for Vehicle Wash Water**

PARAMETER	Limits			UNITS	Monitoring Frequency	Sample Type
	Daily Minimum	Monthly Average	Daily Maximum			
<b>Flow</b>		REPORT	REPORT	gpd	1/month	measured

No visible sheen is permissible on any water discharging from the facility. The permittee shall observe any vehicle or wheel washwater on each day the facility is in operation to verify compliance with this requirement.

**Table L-1 - Subsector L4 Benchmarks – Concrete Crushing With or Without Asphalt Recycling**

Parameter	Benchmark	Units	Frequency	Sample Type
pH	6.0 - 9.0	s.u.	1/quarter	Grab
Total Suspended Solids (TSS)	100	mg/L	1/quarter	Grab

The most recent version of Title 40CFR, Part 136 – “Guidelines Establishing Test Procedures for Analysis of Pollutants” can be found online at [www.ecfr.gpoaccess.gov](http://www.ecfr.gpoaccess.gov). Unless otherwise specified, these guidelines are to be used for the analyses required by this permit.

You must summarize and submit discharge monitoring reports (DMRs) electronically using NetDMR, for each outfall subject to monitoring requirements, for each reporting period. DMRs shall be submitted to the Department in accordance with the requirements of the permit, to include periods during which there is no discharge from the facility. Specific requirements regarding submittal of data using NetDMR are described below:

NetDMR is a U.S. EPA tool allowing regulated Clean Water Act permittees to submit monitoring reports electronically via a secure Internet application. You must apply for access to NetDMR at [www.epa.gov/netdmr](http://www.epa.gov/netdmr) and register for a NetDMR Webinar. Before you can submit official DMRs using NetDMR you must attend the training Webinar and successfully set-up and submit test monitoring results electronically.

You may be eligible for a temporary waiver by MDE from NPDES electronic reporting requirements if you have no current internet access and are physically located in a geographic area (i.e., zip code) that is identified as under-served for broadband internet access in the most recent National Broadband Map from the Federal Communications Commission (FCC); or if you can demonstrate that such electronic reporting of the monitoring data and reports would pose an unreasonable burden or expense to the NPDES-permitted facility. Waiver requests must be submitted in writing to the Department for written approval at least 120 days prior to the date you would be required under this permit to begin using NetDMR. This demonstration shall be valid for up to five (5) years from the date of the Department approval and shall thereupon expire. At such time, DMRs and reports shall be submitted electronically to the Department unless the permittee submits a renewed waiver request and such request is approved by the Department. All waiver requests and subsequent hardcopy DMRs should be sent to the following address with “Attn: DMRs”:

Maryland Department of the Environment  
 LMA - Mining Program  
 1800 Washington Boulevard, Suite 655  
 Baltimore, MD 21230

Phone: 410-537-3557

As part of your monitoring requirements, you will be measuring or calculating the daily quantity of effluent discharged. The accuracy of this figure is important, as it will determine your annual fee. Because we intend to use the flow provided in the NOI, we urge you now to review that information as soon as possible and, if it is incorrect, provide adequate documentation to support a revised figure. Based on the documentaion, the facility either discharges only to groundwater, is non-private, and/or this permit is based on a modificaton. Based on this an annual permit fee has been waived

Changes at the facility, such as new outfalls or new types of processes, require a new NOI so that the facility may be evaluated for continued general permit eligibility. If you have any questions, please do not hesitate to contact our Mining General Permit website, found at <http://9nl.at/MD-MMGP>, or call the department at 410-537-3323.

Sincerely,



Robert Pudmericky  
Project Manager/ Engineer  
Industrial and General Permits Division

cc: Chief, Minerals, Oil and Gas Division (Montgomery County)  
ICIS-NPDES Manager, Enforcement Division

## DMR Copy of Record

Parameter		Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
Code	Name				Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00530	Solids, total suspended	EG - Effluent Gross	0	--									15.6			19 - mg/L		01/90 - Quarterly	GR - GRAB
																		01/90 - Quarterly	GR - GRAB

**Permit**  
**Permit #:** MDG491365 | **Permittee:** BARDON, INC. (DBA AGGREGATE INDUSTRIES) | **Facility:** ROCKVILLE QUARRY & READY MIX CONCRETE  
**Major:** No | **Permittee Address:** 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770 | **Facility Location:** 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850  
**Permitted Feature:** 001 External Outfall | **Discharge:** 001-J1 Stormwater Benchmarks 15MM1365

**Report Dates & Status**  
**Monitoring Period:** From 07/01/22 to 09/30/22 | **DMR Due Date:** 10/28/22 | **Status:** NetDMR Validated

**Considerations for Form Completion**  
 MINERAL MINES AND DRESSING

**Principal Executive Officer**  
**First Name:** Chris | **Title:** Vice President, General Manager | **Telephone:** 301-982-1400  
**Last Name:** Clow

**No Data Indicator (NODI)**  
**Form NODI:** --

**Submission Note**  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
 No errors.

**Comments**

**Attachments**

Name	Type	Size
Attachment.pdf	pdf	3882535.0

**Report Last Saved By**  
**BARDON, INC. (DBA AGGREGATE INDUSTRIES)**  
**User:** ASHTONALBAN  
**Name:** Ashton Alban  
**E-Mail:** aalban@eaest.com  
**Date/Time:** 2022-10-27 15:08 (Time Zone: -04:00)

**Report Last Signed By**  
**User:** CARROLLJAMES1  
**Name:** James Carroll  
**E-Mail:** james.carroll@holcim.com  
**Date/Time:** 2022-10-28 13:52 (Time Zone: -04:00)

**DMR Copy of Record**

**Permit**

<b>Permit #:</b>	<b>MDG491365</b>	<b>Permittee:</b>	BARDON, INC. (DBA AGGREGATE INDUSTRIES)	<b>Facility:</b>	ROCKVILLE QUARRY & READY MIX CONCRETE
<b>Major:</b>	No	<b>Permittee Address:</b>	6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	<b>Facility Location:</b>	13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850
<b>Permitted Feature:</b>	001 External Outfall	<b>Discharge:</b>	<b>001-E5</b> Wastewater Effluent Limits 15MM1365		

**Report Dates & Status**

<b>Monitoring Period:</b>	<b>From 09/01/22 to 09/30/22</b>	<b>DMR Due Date:</b>	<b>10/28/22</b>	<b>Status:</b>	<b>NetDMR Validated</b>
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**Considerations for Form Completion**

SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS

**Principal Executive Officer**

<b>First Name:</b>	Chris	<b>Title:</b>	Vice President, General Manager	<b>Telephone:</b>	301-982-1400
<b>Last Name:</b>	Clow				

**No Data Indicator (NODI)**

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type						
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1				Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units
50050	<b>Flow, in conduit or thru treatment plant</b>	1 - Effluent Gross	0	--	Sample	=	3168000.0	=	3168000.0	07 - gal/d						01/30 - Monthly	MS - MEASRD		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d								01/30 - Monthly	MS - MEASRD
					Value NODI														

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

**Attachments**

Name	Type	Size
Attachment.pdf	pdf	3882535.0

**Report Last Saved By**

**BARDON, INC. (DBA AGGREGATE INDUSTRIES)**

<b>User:</b>	ASHTONALBAN
<b>Name:</b>	Ashton Alban
<b>E-Mail:</b>	aalban@eaest.com
<b>Date/Time:</b>	2022-10-26 17:28 (Time Zone: -04:00)

**Report Last Signed By**

<b>User:</b>	CARROLLJAMES1
<b>Name:</b>	James Carroll
<b>E-Mail:</b>	james.carroll@holcim.com
<b>Date/Time:</b>	2022-10-28 13:52 (Time Zone: -04:00)

## DMR Copy of Record

<b>Permit</b>																			
Permit #:	MDG491365	Permittee:	BARDON, INC. (DBA AGGREGATE INDUSTRIES)					Facility:	ROCKVILLE QUARRY & READY MIX CONCRETE										
Major:	No	Permittee Address:	6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770					Facility Location:	13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850										
Permitted Feature:	001 External Outfall	Discharge:	<b>001-E5</b> Wastewater Effluent Limits 15MM1365																
<b>Report Dates &amp; Status</b>																			
Monitoring Period:	From 08/01/22 to 08/31/22		DMR Due Date:	10/28/22				Status:	NetDMR Validated										
<b>Considerations for Form Completion</b>																			
SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS																			
<b>Principal Executive Officer</b>																			
First Name:	Chris		Title:	Vice President, General Manager					Telephone:	301-982-1400									
Last Name:	Clow																		
<b>No Data Indicator (NODI)</b>																			
Form NODI:	--																		
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	2448000.0	=	3168000.0	07 - gal/d							01/30 - Monthly	MS - MEASRD	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d								01/30 - Monthly	MS - MEASRD
					Value NODI														
<b>Submission Note</b>																			
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																			
<b>Edit Check Errors</b>																			
No errors.																			
<b>Comments</b>																			
<b>Attachments</b>																			
Attachment.pdf		pdf					3882535.0												
<b>Report Last Saved By</b>																			
<b>BARDON, INC. (DBA AGGREGATE INDUSTRIES)</b>																			
User:	ASHTONALBAN																		
Name:	Ashton Alban																		
E-Mail:	aalban@eaest.com																		
Date/Time:	2022-10-27 15:06 (Time Zone: -04:00)																		
<b>Report Last Signed By</b>																			
User:	CARROLLJAMES1																		
Name:	James Carroll																		
E-Mail:	james.carroll@holcim.com																		
Date/Time:	2022-10-28 13:52 (Time Zone: -04:00)																		

## DMR Copy of Record

Parameter		Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
Code	Name				Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	= 3744000.0	=	3744000.0	07 - gal/d									01/30 - Monthly	MS - MEASRD
					Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d									01/30 - Monthly	MS - MEASRD
					Value NODI														

**Permit**  
**Permit #:** MDG491365  
**Major:** No  
**Permitted Feature:** 001  
 External Outfall

**Permittee:** BARDON, INC. (DBA AGGREGATE INDUSTRIES)  
**Permittee Address:** 6401 GOLDEN TRIANGLE DRIVE, SUITE 400  
 MONTGOMERY COUNTY  
 GREENBELT, MD 20770  
**Discharge:** 001-E5  
 Wastewater Effluent Limits 15MM1365

**Facility:** ROCKVILLE QUARRY & READY MIX CONCRETE  
**Facility Location:** 13900 PINEY MEETINGHOUSE ROAD  
 MONTGOMERY COUNTY  
 ROCKVILLE, MD 20850

**Report Dates & Status**  
**Monitoring Period:** From 07/01/22 to 07/31/22  
**DMR Due Date:** 10/28/22  
**Status:** NetDMR Validated

**Considerations for Form Completion**  
 SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS

**Principal Executive Officer**  
**First Name:** Chris  
**Last Name:** Clow  
**Title:** Vice President, General Manager  
**Telephone:** 301-982-1400

**No Data Indicator (NODI)**  
**Form NODI:** --

**Submission Note**  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
 No errors.

**Comments**

**Attachments**

Name	Type	Size
Attachment.pdf	pdf	3882535.0

**Report Last Saved By**  
**BARDON, INC. (DBA AGGREGATE INDUSTRIES)**  
**User:** ASHTONALBAN  
**Name:** Ashton Alban  
**E-Mail:** aalban@eaest.com  
**Date/Time:** 2022-10-27 15:05 (Time Zone: -04:00)

**Report Last Signed By**  
**User:** CARROLLJAMES1  
**Name:** James Carroll  
**E-Mail:** james.carroll@holcim.com  
**Date/Time:** 2022-10-28 13:52 (Time Zone: -04:00)

**DMR Copy of Record**

**Permit**

<b>Permit #:</b>	<b>MDG491365</b>	<b>Permittee:</b>	BARDON, INC. (DBA AGGREGATE INDUSTRIES)	<b>Facility:</b>	ROCKVILLE QUARRY & READY MIX CONCRETE
<b>Major:</b>	No	<b>Permittee Address:</b>	6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	<b>Facility Location:</b>	13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850
<b>Permitted Feature:</b>	001 External Outfall	<b>Discharge:</b>	<b>001-E4</b> Wastewater Effluent Limits 15MM1365		

**Report Dates & Status**

<b>Monitoring Period:</b>	<b>From 09/01/22 to 09/30/22</b>	<b>DMR Due Date:</b>	<b>10/28/22</b>	<b>Status:</b>	<b>NetDMR Validated</b>
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**Considerations for Form Completion**

SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS

**Principal Executive Officer**

<b>First Name:</b>	Chris	<b>Title:</b>	Vice President, General Manager	<b>Telephone:</b>	301-982-1400
<b>Last Name:</b>	Clow				

**No Data Indicator (NODI)**

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00400	pH	1 - Effluent Gross	0	--	Sample	=	7.26				=	7.26				12 - SU	01/30 - Monthly	GR - GRAB		
					Permit Req.	>=	6.0 DAILY MN			<=	9.0 DAILY MX			12 - SU						
					Value NODI															
00400	pH	1 - Effluent Gross	1	--	Sample	=	7.26				=	7.26			12 - SU	01/30 - Monthly	GR - GRAB			
					Permit Req.	>=	6.5 MO AV MN			<=	8.5 MO AVG			12 - SU						
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample					=	3.3			=	3.4	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.					<=	30.0 MX MO AV			<=	60.0 DAILY MX	19 - mg/L				
					Value NODI															
03582	Oil and grease	1 - Effluent Gross	0	--	Sample									<=	15.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.															
					Value NODI										9 - Conditional Monitoring - Not Required This Period					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	3168000.0	=	3168000.0	07 - gal/d							01/30 - Monthly	MS - MEASRD		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d									01/30 - Monthly	MS - MEASRD
					Value NODI															

**Submission Note**

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**Edit Check Errors**

No errors.

**Comments**

**Attachments**

Name	Type	Size
Attachment.pdf	pdf	3882535.0

**Report Last Saved By**

**BARDON, INC. (DBA AGGREGATE INDUSTRIES)**

User: ASHTONALBAN  
 Name: Ashton Alban  
 E-Mail: aalban@eaest.com  
 Date/Time: 2022-10-27 15:09 (Time Zone: -04:00)



*Report Last Signed By*

User: CARROLLJAMES1  
Name: James Carroll  
E-Mail: james.carroll@holcim.com  
Date/Time: 2022-10-28 13:52 (Time Zone: -04:00)

**DMR Copy of Record**

**Permit**

<b>Permit #:</b>	<b>MDG491365</b>	<b>Permittee:</b>	BARDON, INC. (DBA AGGREGATE INDUSTRIES)	<b>Facility:</b>	ROCKVILLE QUARRY & READY MIX CONCRETE
<b>Major:</b>	No	<b>Permittee Address:</b>	6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	<b>Facility Location:</b>	13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850
<b>Permitted Feature:</b>	001 External Outfall	<b>Discharge:</b>	<b>001-E4</b> Wastewater Effluent Limits 15MM1365		

**Report Dates & Status**

<b>Monitoring Period:</b>	<b>From 08/01/22 to 08/31/22</b>	<b>DMR Due Date:</b>	<b>10/28/22</b>	<b>Status:</b>	<b>NetDMR Validated</b>
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**Considerations for Form Completion**

SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS

**Principal Executive Officer**

<b>First Name:</b>	Chris	<b>Title:</b>	Vice President, General Manager	<b>Telephone:</b>	301-982-1400
<b>Last Name:</b>	Clow				

**No Data Indicator (NODI)**

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3
00400	pH	1 - Effluent Gross	0	--	Sample					=	7.5			=	7.53	12 - SU	01/30 - Monthly	GR - GRAB
					Permit Req.					>=	6.0 DAILY MN			<=	9.0 DAILY MX	12 - SU		
					Value NODI													
00400	pH	1 - Effluent Gross	1	--	Sample					=	7.5			=	7.5	12 - SU	01/30 - Monthly	GR - GRAB
					Permit Req.					>=	6.5 MO AV MN			<=	8.5 MO AVG	12 - SU		
					Value NODI													
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	28.3	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Permit Req.							<=	30.0 MX MO AV	<=	60.0 DAILY MX			19 - mg/L
					Value NODI													
03582	Oil and grease	1 - Effluent Gross	0	--	Sample									<=	15.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.													
					Value NODI										9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	2448000.0	=	3168000.0	07 - gal/d							01/30 - Monthly	MS - MEASRD
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d								
					Value NODI													

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

**Attachments**

Name	Type	Size
Attachment.pdf	pdf	3882535.0

**Report Last Saved By**

**BARDON, INC. (DBA AGGREGATE INDUSTRIES)**

User: ASHTONALBAN  
 Name: Ashton Alban  
 E-Mail: aalban@eaest.com  
 Date/Time: 2022-10-27 15:07 (Time Zone: -04:00)

*Report Last Signed By*

User: CARROLLJAMES1  
Name: James Carroll  
E-Mail: james.carroll@holcim.com  
Date/Time: 2022-10-28 13:52 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>		<b>Permit #:</b> MDG491365		<b>Permittee:</b> BARDON, INC. (DBA AGGREGATE INDUSTRIES)		<b>Facility:</b> ROCKVILLE QUARRY & READY MIX CONCRETE	
<b>Major:</b> No		<b>Permittee Address:</b> 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770		<b>Facility Location:</b> 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850			
<b>Permitted Feature:</b> 001 External Outfall		<b>Discharge:</b> 001-E4 Wastewater Effluent Limits 15MM1365					

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b> From 07/01/22 to 07/31/22	<b>DMR Due Date:</b> 10/28/22	<b>Status:</b> NetDMR Validated	

**Considerations for Form Completion**  
SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS

<b>Principal Executive Officer</b>			
<b>First Name:</b> Chris	<b>Title:</b> Vice President, General Manager	<b>Telephone:</b> 301-982-1400	
<b>Last Name:</b> Clow			

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3
00400	pH	1 - Effluent Gross	0	--	Sample	=	7.39				=	7.39				12 - SU	01/30 - Monthly	GR - GRAB
					Permit Req.	>=	6.0 DAILY MN			<=	9.0 DAILY MX			12 - SU				
					Value NODI													
00400	pH	1 - Effluent Gross	1	--	Sample	=	7.39			=	7.39				12 - SU	01/30 - Monthly	GR - GRAB	
					Permit Req.	>=	6.5 MO AV MN			<=	8.5 MO AVG			12 - SU				
					Value NODI													
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample					=	2.65			=	2.7	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.					<=	30.0 MX MO AV			<=	60.0 DAILY MX	19 - mg/L		
					Value NODI													
03582	Oil and grease	1 - Effluent Gross	0	--	Sample									<=	15.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.													
					Value NODI										9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	3744000.0	=	3744000.0	07 - gal/d							01/30 - Monthly	MS - MEASRD
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d								
					Value NODI													

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

<b>Attachments</b>		
Name	Type	Size
Attachment.pdf	pdf	3882535.0

**Report Last Saved By**  
BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User: ASHTONALBAN  
Name: Ashton Alban  
E-Mail: aalban@eaest.com  
Date/Time: 2022-10-27 15:05 (Time Zone: -04:00)

*Report Last Signed By*

User: CARROLLJAMES1  
Name: James Carroll  
E-Mail: james.carroll@holcim.com  
Date/Time: 2022-10-28 13:52 (Time Zone: -04:00)

## DMR Copy of Record

Permit																			
Permit #:	MDG491365			Permittee:	BARDON, INC. (DBA AGGREGATE INDUSTRIES)					Facility:	ROCKVILLE QUARRY & READY MIX CONCRETE								
Major:	No			Permittee Address:	6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770					Facility Location:	13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850								
Permitted Feature:	001 External Outfall			Discharge:	001-E2 Stormwater Benchmarks 15MM1365														
Report Dates & Status																			
Monitoring Period:	From 07/01/22 to 09/30/22			DMR Due Date:	10/28/22					Status:	NetDMR Validated								
Considerations for Form Completion																			
SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS																			
Principal Executive Officer																			
First Name:	Chris			Title:	Vice President, General Manager					Telephone:	301-982-1400								
Last Name:	Clow																		
No Data Indicator (NODI)																			
Form NODI:	--																		
Parameter	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
Code	Name			Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample					=		15.6			19 - mg/L		01/90 - Quarterly	GR - GRAB	
					Permit Req.										Req Mon QRTR AVG		19 - mg/L	01/90 - Quarterly	GR - GRAB
					Value NODI														
Submission Note																			
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																			
Edit Check Errors																			
No errors.																			
Comments																			
Attachments																			
				Name					Type					Size					
				Attachment.pdf					pdf					3882535.0					
Report Last Saved By																			
BARDON, INC. (DBA AGGREGATE INDUSTRIES)																			
User:	ASHTONALBAN																		
Name:	Ashton Alban																		
E-Mail:	aalban@eaest.com																		
Date/Time:	2022-10-27 15:09 (Time Zone: -04:00)																		
Report Last Signed By																			
User:	CARROLLJAMES1																		
Name:	James Carroll																		
E-Mail:	james.carroll@holcim.com																		
Date/Time:	2022-10-28 13:52 (Time Zone: -04:00)																		

DMR Copy of Record

Permit #:		MDG491365	Permittee:		BARDON, INC. (DBA AGGREGATE INDUSTRIES)	Facility:		ROCKVILLE QUARRY & READY MIX CONCRETE
Major:		No	Permittee Address:		6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	Facility Location:		13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850
Permitted Feature:		001 Extamal Outfall	Discharge:		001-E2 Stormwater Benchmarks 15MM1365			

Report Dates & Status					
Monitoring Period:	From 10/01/21 to 12/31/21	DMR Due Date:	01/28/22	Status:	NetDMR Validated

Considerations for Form Completion  
 SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS

Principal Executive Officer

First Name:	Chris	Title:	Vice President, General Manager	Telephone:	301-982-1400
Last Name:	Clow				

No Data Indicator (NODI)  
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading			Quantity or Concentration			# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				Units
00530	Solids, total suspended	1 - Effluent Groes	0	--				=	4.7			19 - mg/L	01/90 - Quarterly	GR - GRAB
								Req Mon QTR AVG				19 - mg/L	01/90 - Quarterly	GR - GRAB

Submission Note  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.  
[Edit/Check Errors](#)

No errors.  
 Comments

Attachments  
 No attachments.

Report Last Saved By  
 BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User:	ASHTONALBAN
Name:	Ashton Alban
E-Mail:	aalban@eaast.com
Date/Time:	2022-01-27 15:27 (Time Zone: -05:00)

Report Last Signed By	
User:	rjfreedman
Name:	Richard Freedman
E-Mail:	richard.freedman@aggregate-us.com
Date/Time:	2022-01-27 16:38 (Time Zone: -05:00)

**DMR Copy of Record**

<b>Permit</b>		<b>Permittee:</b> BARDON, INC. (DBA AGGREGATE INDUSTRIES)		<b>Facility:</b> ROCKVILLE QUARRY & READY MIX CONCRETE	
<b>Permit #:</b> MDG491365	<b>Major:</b> No	<b>Permittee Address:</b> 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	<b>Facility Location:</b> 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850		
<b>Permitted Feature:</b> 001 External Outfall	<b>Discharge:</b> 001-E4 Wastewater Effluent Limits 15MM1365				

<b>Report Dates &amp; Status</b>		<b>Monitoring Period:</b> From 10/01/21 to 10/31/21	<b>DMR Due Date:</b> 01/28/22	<b>Status:</b> NetDMR Validated
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**Considerations for Form Completion**  
SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS

<b>Principal Executive Officer</b>		<b>Title:</b> Vice President, General Manager	<b>Telephone:</b> 301-982-1400
<b>First Name:</b> Chris	<b>Last Name:</b> Clow		

**No Data Indicator (NODI)**  
Form NODI: -

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading				Quality or Concentration				Units	# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Qualifier 4	Value 4						
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	=	8.4									12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI	>=	6.0 DAILY MN											
00400	pH	1 - Effluent Gross	1	-	Sample Permit Req. Value NODI	>=	6.5 MO AV MN									12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI		9 - Conditional Monitoring - Not Required This Period											
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	=	2.8									19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI	<=	30.0 MX MO AV											
03582	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI											19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI													
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	=	3312000.0											07 - gal/d
					Value NODI		3312000.0											

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

Attachments	Name	Type	Size
Attachment.pdf		pdf	4760124.0

**Report Last Saved By**  
BARDON, INC. (DBA AGGREGATE INDUSTRIES)

<b>User:</b> ASHTONALBAN	<b>Name:</b> Ashton Alban
<b>E-Mail:</b> aalban@eest.com	



Date/Time: 2022-01-27 15:22 (Time Zone: -05:00)

Report Last Signed By

User: rffreedman

Name: Richard Freedman

E-Mail: richard.freedman@aggregate-us.com

Date/Time: 2022-01-27 18:38 (Time Zone: -05:00)

**DMR Copy of Record**

<b>Permit</b>		<b>Permittee:</b> BARDON, INC. (DBA AGGREGATE INDUSTRIES)		<b>Facility:</b> ROCKVILLE QUARRY & READY MIX CONCRETE	
<b>Permit #:</b> MDG491365	<b>Major:</b> No	<b>Permittee Address:</b> 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	<b>Facility Location:</b> 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850		
<b>Permitted Feature:</b> 001 External Outfall	<b>Discharge:</b> 001-E4 Wastewater Effluent Limits 15MM1365				

<b>Report Dates &amp; Status</b>		<b>Monitoring Period:</b> From 11/01/21 to 11/30/21	<b>DMR Due Date:</b> 01/28/22	<b>Status:</b> NetDMR Validated
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*Considerations for Form Completion*  
**SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS**

<b>Principal Executive Officer</b>		<b>First Name:</b> Chris	<b>Title:</b> Vice President, General Manager	<b>Telephone:</b> 301-982-1400
		<b>Last Name:</b> Clow		

**No Data Indicator (NOD):** --  
**Form NOD1:** --

Code	Parameter Name	Measuring Location	Season #	Purp. NOD1	Quantity or Loading					Quantity or Concentration			Limits	# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2					Value 2
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.					=	8.0		=	8.0	12 - SU	01/30 - Monthly	GR - GRAB
					Value NOD1					>=	6.0 DAILY MN		<=	9.0 DAILY MX	12 - SU	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	1	--	Sample Permit Req.					=	8.0		=	8.0	12 - SU	01/30 - Monthly	GR - GRAB
					Value NOD1					>=	6.5 MO AV MN		<=	8.5 MO AVG	12 - SU	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.					=	6.85		=	7.1	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NOD1					<=	30.0 MX MO AV		<=	80.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	15.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NOD1												
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	=	3312000.0	=	3312000.0	07 - gald						01/30 - Monthly	MS - MEASRD
					Value NOD1												
						Req Mon MO AVG		Req Mon DAILY MX		07 - gald							01/30 - Monthly

**Submission Note**  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
 No errors.

**Comments**

Name	Type	Size
Attachment.pdf	pdf	4760124.0

**Report Last Saved By**  
 BARDON, INC. (DBA AGGREGATE INDUSTRIES)

<b>User:</b> ASHTONALBAN	<b>Name:</b> Ashton Alban
<b>E-Mail:</b> aalban@eaest.com	<b>Date/Time:</b> 2022-01-27 15:24 (Time Zone: -05:00)

Report Last Signed By

User:	rjfreedman
Name:	Richard Freedman
E-Mail:	richard.freedman@aggregate-us.com
Date/Time:	2022-01-27 16:38 (Time Zone: -05:00)

**DMR Copy of Record**

<b>Permit</b>		<b>Permittee:</b> BARDON, INC. (DBA AGGREGATE INDUSTRIES)		<b>Facility:</b> ROCKVILLE QUARRY & READY MIX CONCRETE	
<b>Permit #:</b> MDG491365	<b>Major:</b> No	<b>Permittee Address:</b> 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	<b>Facility Location:</b> 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850		
<b>Permitted Feature:</b> 001 External Outfall		<b>Discharge:</b> 001-E4 Wastewater Effluent Limits 15MM1365			

<b>Report Dates &amp; Status</b>		<b>Monitoring Period:</b> From 12/01/21 to 12/31/21	<b>DMR Due Date:</b> 01/28/22	<b>Status:</b> NetDMR Validated
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*Considerations for Form Completion*  
**SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS**

<b>Principal Executive Officer</b>		<b>First Name:</b> Chris	<b>Title:</b> Vice President, General Manager	<b>Telephone:</b> 301-982-1400
		<b>Last Name:</b> Clow		

*No Data Indicator (NODI)*

Code	Parameter Name	Monitoring Location	Season #	Permit NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Qualifier 4	Value 4	Qualifier 5				Value 5	Units	
00400	pH	1 - Effluent Gross	0	-	Sample						=	8.1						12 - SU	01/30 - Monthly	GR - GRAB
					Permit Req.					>=	6.0 DAILY MN				<=	9.0 DAILY MX		12 - SU		
					Value NODI															
00400	pH	1 - Effluent Gross	1	-	Sample						>=	6.5 MO AV MN					12 - SU	01/30 - Monthly	GR - GRAB	
					Permit Req.									<=	8.5 MO AVG		12 - SU			
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample						=	4.45	=	4.8			19 - mg/L	01/30 - Monthly	GR - GRAB	
					Permit Req.						<=	30.0 MX MO AV			<=	60.0 DAILY MX				19 - mg/L
					Value NODI															
03582	Oil and grease	1 - Effluent Gross	0	-	Sample												19 - mg/L	01/30 - Monthly	GR - GRAB	
					Permit Req.									<=	15.0 DAILY MX		19 - mg/L			
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	=	3312000.0	=	3312000.0	07 - gal/d								01/30 - Monthly	MS - MEASRD	
					Permit Req.															
					Value NODI															

*Submission Note*  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

*Edit Check Errors*

**No errors.**

*Comments*

*Attachments*

Name	Type	Size
Attachment.pdf	pdf	4760124.0

*Report Last Saved By*  
 BARDON, INC. (DBA AGGREGATE INDUSTRIES)

<b>User:</b> ASHTONALBAN
<b>Name:</b> Ashton Alban
<b>E-Mail:</b> saiban@easst.com

Date/Time: 2022-01-27 15:27 (Time Zone: -05:00)

Report Last Signed By

User: rjfreedman

Name: Richard Freedman

E-Mail: richard.freedman@aggregate-us.com

Date/Time: 2022-01-27 16:38 (Time Zone: -05:00)

**DMR Copy of Record**

<b>Permit</b>		<b>Permittee:</b> BARDON, INC. (DBA AGGREGATE INDUSTRIES)		<b>Facility:</b> ROCKVILLE QUARRY & READY MIX CONCRETE											
<b>Permit #:</b> MDG491365	<b>Major:</b> No	<b>Permittee Address:</b> 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	<b>Facility Location:</b> 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850												
<b>Permitted Feature:</b> 001 External Outfall	<b>Discharge:</b> 001-E5 Wastewater Effluent Limits 15MM1365														
<b>Report Dates &amp; Status</b>															
<b>Monitoring Period:</b> From 10/01/21 to 10/31/21	<b>DMR Due Date:</b> 01/28/22	<b>Status:</b> <b>NetDMR Validated</b>													
<b>Considerations for Form Completion</b>															
SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS															
<b>Principal Executive Officer</b>															
<b>First Name:</b> Chris	<b>Title:</b> Vice President, General Manager		<b>Telephone:</b> 301-982-1400												
<b>Last Name:</b> Clow															
<b>No Data Indicator (NODI)</b>															
Form NODI: -															
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading	Quality or Concentration	# of Ex.	Frequency of Analysis	Sample Type						
					Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3	Qualifier 4 Value 4	Qualifier 5 Value 5						
50050	Flow, in conduit or thru treatment plant	1 - Effluent Groes	0	-	Sample 3312000.0	3312000.0	07 - gal/d								
					Permit Req. Req Mon MO AVG	Req Mon DAILY MX	07 - gal/d								
					Value NODI										
								01/30 - Monthly	MS - MEASRD						
								01/30 - Monthly	MS - MEASRD						
<b>Submission Note</b>															
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.															
<b>Edit Check Errors</b>															
No errors.															
<b>Comments</b>															
<b>Attachments</b>															
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Attachment1.pdf</td> <td>pdf</td> <td>4760124.0</td> </tr> </tbody> </table>										Name	Type	Size	Attachment1.pdf	pdf	4760124.0
Name	Type	Size													
Attachment1.pdf	pdf	4760124.0													
<b>Report Last Saved By</b>															
BARDON, INC. (DBA AGGREGATE INDUSTRIES)															
<b>User:</b>	ASHTONALBAN														
<b>Name:</b>	Ashton Alban														
<b>E-Mail:</b>	aalban@eaest.com														
<b>Date/Time:</b>	2022-01-27 15:23 (Time Zone: -05:00)														
<b>Report Last Signed By</b>															
<b>User:</b>	rjfreedman														
<b>Name:</b>	Richard Freedman														
<b>E-Mail:</b>	richard.freedman@aggregate-us.com														
<b>Date/Time:</b>	2022-01-27 16:38 (Time Zone: -05:00)														

**DMR Copy of Record**

<b>Permit</b>		<b>Permittee:</b> BARDON, INC. (DBA AGGREGATE INDUSTRIES)		<b>Facility:</b> ROCKVILLE QUARRY & READY MIX CONCRETE	
<b>Permit #:</b> MDG491365	<b>Major:</b> No	<b>Permittee Address:</b> 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	<b>Facility Location:</b> 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850		
<b>Permitted Feature:</b> 001 External Outfall	<b>Discharge:</b> 001-E5 Wastewater Effluent Limits 15MM1365				

<b>Report Dates &amp; Status</b>		<b>Monitoring Period:</b> From 11/01/21 to 11/30/21	<b>DMR Due Date:</b> 01/28/22	<b>Status:</b> NetDMR Validated
----------------------------------	--	---	-------------------------------	---------------------------------

*Considerations for Form Completion*  
**SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS**

**Principal Executive Officer**

<b>First Name:</b> Chris	<b>Title:</b> Vice President, General Manager	<b>Telephone:</b> 301-982-1400
<b>Last Name:</b> Clow		

**No Data Indicator (NODI)**

Form NODI: -

Code	Parameter Name	Monitoring Location	Sector	Param NODI	Quantity or Loading				Quality or Concentration				# of Es.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2				Value 2
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	3312000.0		3312000.0	07	gal/d					01/30 - Monthly	MS - MEASRD
					Permit Req	Req Mon MO AVG		Req Mon DAILY MX	07	gal/d					01/30 - Monthly	MS - MEASRD
					Value NODI											

**Submission Note**  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
 No errors.

**Comments**

**Attachments**  
 No attachments.

**Report Last Saved By**  
 BARDON, INC. (DBA AGGREGATE INDUSTRIES)

<b>User:</b> ASHTONALBAN
<b>Name:</b> Ashton Alban
<b>E-Mail:</b> aalban@eaest.com
<b>Date/Time:</b> 2022-01-27 15:23 (Time Zone: -05:00)

**Report Last Signed By**

<b>User:</b> rjfreedman
<b>Name:</b> Richard Freedman
<b>E-Mail:</b> richard.freedman@aggregate-us.com
<b>Date/Time:</b> 2022-01-27 16:38 (Time Zone: -05:00)

**DMR Copy of Record**

<b>Permit</b>		<b>Permittee:</b> BARDON, INC. (DBA AGGREGATE INDUSTRIES)		<b>Facility:</b> ROCKVILLE QUARRY & READY MIX CONCRETE												
<b>Permit #:</b> MDG491365	<b>Major:</b> No	<b>Permittee Address:</b> 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	<b>Facility Location:</b> 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850													
<b>Permitted Feature:</b> 001 Extemal Outfall	<b>Discharge:</b> 001-E5 Wastewater Effluent Limits 15MM1365															
<b>Report Dates &amp; Status</b>																
<b>Monitoring Period:</b> From 12/01/21 to 12/31/21	<b>DMR Due Date:</b> 01/28/22	<b>Status:</b> NetDMR Validated														
<b>Considerations for Form Completion</b>																
SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS																
<b>Principal Executive Officer</b>																
<b>First Name:</b> Chris	<b>Title:</b> Vice President, Gonoral Manager			<b>Telephone:</b> 301-982-1400												
<b>Last Name:</b> Clow																
<b>No Data Indicator (NOD)</b>																
Form NOD: -																
Code	Parameter Name	Monitoring Location	Season #	Param. NOD	Quantity or Loading				Quality or Concentration				P of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2				Value 2
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Req Mon MO AVG	3312000.0	Req Mon DAILY MX	3312000.0	07 - gal/d						01/30 - Monthly	MS - MEASRD
					Value NOD										01/30 - Monthly	MS - MEASRD

**Submission Note**  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
 No errors.

**Comments**

**Attachments**  
 No attachments.

**Report Last Saved By**  
 BARDON, INC. (DBA AGGREGATE INDUSTRIES)

**User:** ASHTONALBAN  
**Name:** Ashton Alban  
**E-Mail:** aalban@eaest.com  
**Date/Time:** 2022-01-27 15:25 (Time Zone: -05:00)

**Report Last Signed By**

**User:** rjfreedman  
**Name:** Richard Freedman  
**E-Mail:** richard.freedman@aggregate-us.com  
**Date/Time:** 2022-01-27 16:38 (Time Zone: -05:00)



**DMR Copy of Record**

<b>Permit</b>		<b>Permittee:</b> BARDON, INC. (DBA AGGREGATE INDUSTRIES)		<b>Facility:</b> ROCKVILLE QUARRY & READY MIX CONCRETE	
<b>Permit #:</b> MDG491365	<b>Major:</b> No	<b>Permittee Address:</b> 8401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	<b>Facility Location:</b> 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850		
<b>Permitted Feature:</b> 001 External Outfall	<b>Discharge:</b> 001-J1 Stormwater Benchmarks 15MM1365				

<b>Report Dates &amp; Status</b>	
<b>Monitoring Period:</b> From 10/01/21 to 12/31/21	<b>DMR Due Date:</b> 01/28/22
<b>Status:</b> NetDMR Validated	

**Considerations for Form Completion**

**MINERAL MINES AND DRESSING**

**Principal Executive Officer**

<b>First Name:</b> Chris	<b>Title:</b> Vice President, General Manager	<b>Telephone:</b> 301-982-1400
<b>Last Name:</b> Clow		

**No Data Indicator (NOD)**

Form NOD: --

Code	Parameter Name	Monitoring Location	Season #	Param. NOD	Quantity or Loading			Quality or Concentration			Units	# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3						
00530	Solids, total suspended	EG - Effluent Gross	0	--												
					Sample Permit Req. Value NOD											
										4.7						
										Req Mon QTR AVG						
											19 - mg/L					01/90 - Quarterly
											19 - mg/L					01/90 - Quarterly
																GR - GRAB
																GR - GRAB

**Submission Note**  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
 No errors.

**Comments**

**Attachments**

Name	Type	Size
Attachment.pdf	pdf	4760124.0

**Report Last Saved By**  
 BARDON, INC. (DBA AGGREGATE INDUSTRIES)

**User:** ASHTONALBAN  
**Name:** Ashton Alban  
**E-Mail:** aalban@aaest.com  
**Date/Time:** 2022-01-27 15:25 (Time Zone: -05:00)

**Report Last Signed By**

**User:** rffreedman  
**Name:** Richard Freedman  
**E-Mail:** richard.freedman@aggregate-us.com  
**Date/Time:** 2022-01-27 16:38 (Time Zone: -05:00)

DMR Copy of Record

<b>Permit</b>		<b>Permittee:</b> BARDON, INC. (DBA AGGREGATE INDUSTRIES)		<b>Facility:</b> ROCKVILLE QUARRY & READY MIX CONCRETE	
<b>Permit #:</b> MDG491365	<b>Major:</b> No	<b>Permittee Address:</b> 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	<b>Facility Location:</b> 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850		
<b>Permitted Feature:</b> 001 External Outfall	<b>Discharge:</b> 001-E2 Stormwater Benchmarks 15MM1365				

**Report Dates & Status**  
**Monitoring Period:** From 01/01/22 to 03/31/22 | **DMR Due Date:** 04/28/22 | **Status:** NetDMR Validated

*Considerations for Form Completion*  
**SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS**

**Principal Executive Officer**  
**First Name:** Chris | **Title:** Vice President, General Manager | **Telephone:** 301-982-1400  
**Last Name:** Clow

**No Data Indicator (NODI)**  
**Form NODI:** --

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading				Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
					Quarter 1 Value	Quarter 2 Value	Quarter 3 Value	Quarter 4 Value	Quarter 1 Value	Quarter 2 Value	Quarter 3 Value			
00530	Solids, total suspended	1 - Effluent Gross	0	--						9.4		19 - mg/L	01/90 - Quarterly	GR - GRAB
										Req Mon QTR AVG		19 - mg/L	01/90 - Quarterly	GR - GRAB

**Submission Note**  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
**No errors.**  
**Comments**

**Attachments**

Name	Type	Size
Attachment.pdf	pdf	1477290.0

**Report Last Saved By**  
 BARDON, INC. (DBA AGGREGATE INDUSTRIES)  
**User:** ASHTONALBAN  
**Name:** Ashton Alban  
**E-Mail:** aalban@east.com  
**Date/Time:** 2022-04-27 19:19 (Time Zone: -04:00)

**Report Last Signed By**  
**User:** rjfreedman  
**Name:** Richard Freedman  
**E-Mail:** richard.freedman@aggregate-us.com  
**Date/Time:** 2022-04-28 11:41 (Time Zone: -04:00)

DMR Copy of Record

<b>Permit</b>		<b>Permittee:</b>		<b>Facility:</b>	
Permit #:	MDG491385	BARDON, INC. (DBA AGGREGATE INDUSTRIES)		ROCKVILLE QUARRY & READY MIX CONCRETE	
Major:	No	Permittee Address:		Facility Location:	
Permitted Feature:		Discharge:		Facility Location:	
001 External Outfall		001-E4 Wastewater Effluent Limits 15MM1365		13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850	

<b>Report Dates &amp; Status</b>					
Monitoring Period:	From 01/01/22 to 01/31/22	DMR Due Date:	04/28/22	Status:	NetDMR Validated

Considerations for Form Completion  
SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS

Principal Executive Officer

First Name:	Chris	Title:	Vice President, General Manager	Telephone:	301-982-1400
Last Name:	Clow				

No Data Indicator (NODI)  
Form NODI: --

Code	Parameter Name	Monitoring Location	Excursions	Paras. NODI	Sample Period Req	Value NODI	Quantity or Loading				Quality or Concentration				Units	# of Ex	Frequency of Analysis	Sample Type
							Qualifier 1	Value 1	Qualifier 2	Value 2	Limit	Qualifier 3	Value 3	Qualifier 4				
00400	pH	1 - Effluent Gross	0	--	Sample Period Req													
00400	pH	1 - Effluent Gross	1	--	Sample Period Req													
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Period Req													
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Period Req													
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Period Req													

Submission Note  
If a parameter row does not contain any values for the Sample or Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
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Attachment.pdf	pdf	1477290.0
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Report Last Saved By  
BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User: ASHTONALBAN  
 Name: Ashlon Alban  
 E-Mail: asiban@eeest.com  
 Date/Time: 2022-04-27 19:16 (Time Zone: -04:00)

Report Last Signed By  
 User: rjfreedman  
 Name: Richard Freedman  
 E-Mail: richard.freedman@aggregate-us.com  
 Date/Time: 2022-04-28 11:41 (Time Zone: -04:00)

DMR Copy of Record

<b>Permit</b>		Permittee: <b>BARDON, INC. (DBA AGGREGATE INDUSTRIES)</b>		Facility: <b>ROCKVILLE QUARRY &amp; READY MIX CONCRETE</b>	
Permit #: <b>MDG491365</b>	Major: <b>No</b>	Permittee Address: <b>6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770</b>	Facility Location: <b>13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850</b>		
Permitted Feature: <b>001 External Outfall</b>	Discharge: <b>001-E4 Wastewater Effluent Limits 15MM1365</b>				

<b>Report Dates &amp; Status</b>		Monitoring Period: <b>From 02/01/22 to 02/28/22</b>		DMR Due Date: <b>04/28/22</b>		Status: <b>NetDMR Validated</b>	
----------------------------------	--	---	--	-------------------------------	--	---------------------------------	--

Considerations for Form Completion  
**SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS**

<b>Principal Executive Officer</b>		First Name: <b>Chris</b>		Title: <b>Vice President, General Manager</b>		Telephone: <b>301-982-1400</b>	
		Last Name: <b>Clow</b>					

No Data Indicator (NOD): **--**  
 Form NOD1: **--**

Code	Parameter Name	Monitoring Location	Season	Freq. NOD	Sample Period Req	Quantity or Loading			Quality or Concentration			Units	# of Ex.	Frequency of Analysis	Sample Type	
						Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3					Units
00400	pH	1 - Effluent Gross	0	--	Sample Period Req											
					Value NOD											
						>=	6.0 DAILY MN									
							C - No Discharge									
00400	pH	1 - Effluent Gross	1	--	Sample Period Req											
					Value NOD											
						>=	6.5 MO AV MN									
							C - No Discharge									
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Period Req											
					Value NOD											
						<=	30.0 MX MO AV									
							C - No Discharge									
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Period Req											
					Value NOD											
						<=	15.0 DAILY MX									
							C - No Discharge									
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Period Req											
					Value NOD											
						Req Mon MO AVG										
						C - No Discharge										
						Req Mon DAILY MX	07 - gald									
						C - No Discharge										

Submission Note  
 If a parameter row does not contain any values for the Sample or Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
Attachment.pdf	pdf	1477290.0

Report Last Saved By  
**BARDON, INC. (DBA AGGREGATE INDUSTRIES)**

User:	ASHTONALBAN
Name:	Ashlon Alban
E-Mail:	aalban@eest.com
Date/Time:	2022-04-27 19:17 (Time Zone: -04:00)

<b>Report Last Signed By</b>	
User:	rjfreedman
Name:	Richard Freedman
E-Mail:	richard.freedman@aggregate-us.com
Date/Time:	2022-04-28 11:41 (Time Zone: -04:00)

DMR Copy of Record

<b>Permit</b>	Permit #: <b>MDG491365</b>	Permittee: <b>BARDON, INC. (DBA AGGREGATE INDUSTRIES)</b>	Facility: <b>ROCKVILLE QUARRY &amp; READY MIX CONCRETE</b>
Major:	No	Permittee Address: <b>6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770</b>	Facility Location: <b>13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850</b>
Permitted Feature:	<b>001 External Outfall</b>	Discharge: <b>001-E4 Wastewater Effluent Limits 15MM1365</b>	

<b>Report Dates &amp; Status</b>	Monitoring Period: <b>From 03/01/22 to 03/31/22</b>	DMR Due Date: <b>04/28/22</b>	Status: <b>NetDMR Validated</b>
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Considerations for Form Completion  
**SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS**

Principal Executive Officer	First Name: <b>Chris</b>	Title: <b>Vice President, General Manager</b>	Telephone: <b>301-982-1400</b>
	Last Name: <b>Clow</b>		

No Data Indicator (NODI)  
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season	Pass: NODI	Quantity or Loading				Quality or Concentration				Units	F at Ex	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1	Qualifier 2	Value 2					
00400	pH	1 - Effluent Gross	0	-	Sample Report Req	=	7.5			=	7.5			12 - SU	01/30 - Monthly	GR - GRAB	
					Permit Req	>=	6.0 DAILY MN			<=	9.0 DAILY MX		12 - SU	01/30 - Monthly	GR - GRAB		
					Value NODI												
00400	pH	1 - Effluent Gross	1	-	Sample Report Req	=	7.5			=	7.5			12 - SU	01/30 - Monthly	GR - GRAB	
					Permit Req	>=	6.5 MO AV MN			<=	8.5 MO AVG		12 - SU	01/30 - Monthly	GR - GRAB		
					Value NODI												
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Report Req				=	9.4			19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req				<=	30.0 MX MO AV		<=	60.0 DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI												
03582	Oil and grease	1 - Effluent Gross	0	-	Sample Report Req								19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req						<=	15.0 DAILY MX					
					Value NODI								9 - Conditional Monitoring - Not Required This Period				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Report Req	=	232032.0	=	232032.0	07 - gal/d				01/30 - Monthly	MS - MEASRD		
					Permit Req	Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d					01/30 - Monthly	MS - MEASRD		
					Value NODI												

Submission Note  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors  
 No errors.

Comments

Attachments	Name	Type	Size
Attachment.pdf		pdf	1477290.0

Report Last Saved By  
 BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User:	ASHTONALBAN
Name:	Ashlon Alban
E-Mail:	aalban@east.com
Date/Time:	2022-04-27 19:18 (Time Zone: -04:00)

Report Last Signed By

User: rjfreedman  
Name: Richard Freedman  
E-Mail: richard.freedman@egggeste-us.com  
Date/Time: 2022-04-28 11:41 (Time Zone: -04:00)

DMR Copy of Record

<b>Permit</b>		<b>Permittee:</b> BARDON, INC. (DBA AGGREGATE INDUSTRIES)		<b>Facility:</b> ROCKVILLE QUARRY & READY MIX CONCRETE	
<b>Permit #:</b> MDG491365	<b>Major:</b> No	<b>Permittee Address:</b> 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	<b>Facility Location:</b> 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850		
<b>Permitted Feature:</b> 001 External Outfall	<b>Discharge:</b> 001-E5 Wastewater Effluent Limits 15MM1365				

<b>Report Dates &amp; Status</b>		<b>Monitoring Period:</b> From 01/01/22 to 01/31/22	<b>DMR Due Date:</b> 04/28/22	<b>Status:</b> NetDMR Validated
----------------------------------	--	---	-------------------------------	---------------------------------

Considerations for Form Completion  
**SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS**

**Principal Executive Officer**

<b>First Name:</b> Chris	<b>Title:</b> Vice President, General Manager	<b>Telephone:</b> 301-982-1400
<b>Last Name:</b> Ciow		

**No Data Indicator (NODI)**  
 Form NODI: --

Code	Parameter Name	Monitoring Location	Excursion #	Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type	
						Quarter 1	Value 1	Quarter 3	Value 2	Units	Quarter 1				Value 3
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d					01/30 - Monthly	MS - MEASRD
						C - No Discharge		C - No Discharge							

**Submission Note**  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

[Edit Check Errors](#)  
**No errors.**

**Comments**

**Attachments**

Name	Type	Size
Attachment.pdf	pdf	1477290.0

**Report Last Saved By**  
 BARDON, INC. (DBA AGGREGATE INDUSTRIES)

**User:** ASHTONALBAN  
**Name:** Ashton Alban  
**E-Mail:** aalban@easet.com  
**Date/Time:** 2022-04-27 19:16 (Time Zone: -04:00)

**Report Last Signed By**

**User:** rjfreedman  
**Name:** Richard Freedman  
**E-Mail:** richard.freedman@aggregate-us.com  
**Date/Time:** 2022-04-28 11:41 (Time Zone: -04:00)

DMR Copy of Record

<b>Permit</b>		Permit #: <b>MDG491365</b>		Permittee: <b>BARDON, INC. (DBA AGGREGATE INDUSTRIES)</b>		Facility: <b>ROCKVILLE QUARRY &amp; READY MIX CONCRETE</b>	
Major: <b>No</b>		Permittee Address: <b>6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770</b>		Facility Location: <b>13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850</b>			
Permitted Feature: <b>001 External Outfall</b>		Discharge: <b>001-E5 Wastewater Effluent Limits 15MM1365</b>					

<b>Report Dates &amp; Status</b>		Monitoring Period: <b>From 02/01/22 to 02/28/22</b>		DMR Due Date: <b>04/28/22</b>		Status: <b>NetDMR Validated</b>	
----------------------------------	--	---	--	-------------------------------	--	---------------------------------	--

Considerations for Form Completion  
**SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS**

Principal Executive Officer

First Name: <b>Chris</b>		Title: <b>Vice President, General Manager</b>		Telephone: <b>301-982-1400</b>	
Last Name: <b>Ciow</b>					

No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Sample	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type	
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3				Value 3
5050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d					01/30 - Monthly	MS - MEASRD
						C - No Discharge		C - No Discharge							

Submission Note  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors  
**No errors.**

Comments

Name	Type	Size
------	------	------

Attachment.pdf pdf 1477290.0

Report Last Saved By  
**BARDON, INC. (DBA AGGREGATE INDUSTRIES)**

User: **ASHTONALBAN**  
 Name: **Ashton Alban**  
 E-Mail: **aalban@east.com**  
 Date/Time: **2022-04-27 19:16 (Time Zone: -04:00)**

Report Last Signed By

User: **rjfreedman**  
 Name: **Richard Freedman**  
 E-Mail: **richard.freedman@aggregate-us.com**  
 Date/Time: **2022-04-28 11:41 (Time Zone: -04:00)**



DMR Copy of Record

<b>Permit</b>		<b>Permittee:</b> BARDON, INC. (DBA AGGREGATE INDUSTRIES)		<b>Facility:</b> ROCKVILLE QUARRY & READY MIX CONCRETE					
<b>Permit #:</b> MDG491365	<b>Major:</b> No	<b>Permittee Address:</b> 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770		<b>Facility Location:</b> 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850					
<b>Permitted Feature:</b> 001 External Outfall		<b>Discharge:</b> 001-E5 Wastewater Effluent Limits 15MM1365							
<b>Report Dates &amp; Status</b>									
<b>Monitoring Period:</b> From 03/01/22 to 03/31/22		<b>DMR Due Date:</b> 04/28/22		<b>Status:</b> NetDMR Validated					
<b>Considerations for Form Completion</b>									
SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS									
<b>Principal Executive Officer</b>									
<b>First Name:</b> Chris		<b>Title:</b> Vice President, General Manager		<b>Telephone:</b> 301-982-1400					
<b>Last Name:</b> Clow									
<b>No Data Indicator (NODI)</b>									
Form NODI: --									
Code	Parameter Name	Monitoring Location	Stream & Point	NODI	Quantity or Location	Quality or Concentration	Rel Eq	Frequency of Analysis	Sample Type
5050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Qualifier 1 Value 1 232032.0 Req Mon MO AVG	Qualifier 2 Value 2 232032.0 Req Mon DAILY MX 07 - gal/d	07 - gal/d	01/30 - Monthly	MS - MEASRD
					Value NODI			01/30 - Monthly	MS - MEASRD
<b>Submission Note</b>									
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.									
<b>Edit Check Errors</b>									
No errors.									
<b>Comments</b>									
<b>Attachments</b>									
Attachment.pdf		pdf		1477290.0					
<b>Report Last Saved By</b>									
BARDON, INC. (DBA AGGREGATE INDUSTRIES)									
<b>User:</b> ASHTONALBAN									
<b>Name:</b> Ashton Alban									
<b>E-Mail:</b> aalban@eaest.com									
<b>Date/Time:</b> 2022-04-27 19:18 (Time Zone: -04:00)									
<b>Report Last Signed By</b>									
<b>User:</b> rjfreedman									
<b>Name:</b> Richard Freedman									
<b>E-Mail:</b> richard.freedman@aggregate-us.com									
<b>Date/Time:</b> 2022-04-28 11:41 (Time Zone: -04:00)									

DMR Copy of Record

<b>Permit</b>		Permittee:	BARDON, INC. (DBA AGGREGATE INDUSTRIES)	Facility:	ROCKVILLE QUARRY & READY MIX CONCRETE
Permit #:	MDG491365	Permittee Address:	6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	Facility Location:	13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850
Major:	No	Discharge:	001-J1 Stormwater Benchmarks 15MM1365		
Permitted Feature:	001 External Outfall				

<b>Report Dates &amp; Status</b>		DMR Due Date:	04/28/22	Status:	NetDMR Validated
Monitoring Period:	From 01/01/22 to 03/31/22				

Considerations for Form Completion  
**MINERAL MINES AND DRESSING**

Principal Executive Officer

First Name:	Chris	Title:	Vice President, General Manager	Telephone:	301-982-1400
Last Name:	Clow				

No Data Indicator (NODI)  
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season & Period	NODI	Sample Permit Req Value NODI	Quantity or Location			Quality or Concentration			# of Ex	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3			
00530	Solids, total suspended	EG - Effluent Gross	0	--						9.4		19 - mg/L	01/90 - Quarterly	GR - GRAB
										Req Mon QTR AVG		19 - mg/L	01/90 - Quarterly	GR - GRAB

**Submission Note**  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors  
 No errors.  
 Comments

Attachments

Name	Type	Size
Attachment.pdf	pdf	1477290.0

Report Last Saved By  
 BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User:	ASHTONALBAN
Name:	Ashton Alban
E-Mail:	aalban@eaest.com
Date/Time:	2022-04-27 19:17 (Time Zone: -04:00)

Report Last Signed By

User:	rjfreedman
Name:	Richard Freedman
E-Mail:	richard.freedman@aggregate-us.com
Date/Time:	2022-04-28 11:41 (Time Zone: -04:00)



DMR Copy of Record

<b>Permit</b>	Permit #: <b>MDG491385</b>	Permittee: <b>BARDON, INC. (DBA AGGREGATE INDUSTRIES)</b>	Facility: <b>ROCKVILLE QUARRY &amp; READY MIX CONCRETE</b>
Major: <b>No</b>	Permittee Address: <b>6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770</b>	Facility Location: <b>13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850</b>	
Permitted Feature: <b>001 External Outfall</b>	Discharge: <b>001-E4 Wastewater Effluent Limits 15MM1365</b>		

<b>Report Dates &amp; Status</b>	Monitoring Period: <b>From 04/01/22 to 04/30/22</b>	DMR Due Date: <b>07/28/22</b>	Status: <b>NetDMR Validated</b>
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Considerations for Form Completion  
**SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS**

<b>Principal Executive Officer</b>	First Name: <b>Chris</b>	Title: <b>Vice President, General Manager</b>	Telephone: <b>301-982-1400</b>
	Last Name: <b>Clow</b>		

No Data Indicator (NODI)  
 Form NODI: -

Code	Parameter Name	Monitoring Location	Session #	Param NODI	Sample Permit Req	Quantity or Loading					Quality or Concentration			Units	# of Ex.	Frequency of Analysis	Sample Type	
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2					Value 2
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req						= 7.8			= 7.8		12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI						>= 6.0 DAILY MN			<= 9.0 DAILY MX		12 - SU	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	1	-	Sample Permit Req						= 7.8			= 7.8		12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI						>= 6.5 MO AV MN			<= 8.5 MO AVG		12 - SU	01/30 - Monthly	GR - GRAB
X 00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req						= 33.5			= 80.0		19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI						<= 30.0 MX MO AV			<= 60.0 DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req									<= 15.0 DAILY MX		18 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI									9 - Conditional Monitoring - Not Required This Period				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req		3000.0			07 - gal/d	= 3000.0						01/30 - Monthly	MS - MEASRD
					Value NODI		Req Mon MO AVG			07 - gal/d	Req Mon DAILY MX						01/30 - Monthly	MS - MEASRD

**Submission Note**  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
00530	Solids, total suspended	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

**Comments**

**Attachments**

Name	Type	Size
attachment.pdf	pdf	3428237.0

Report Last Saved By  
 BARDON, INC. (DBA AGGREGATE INDUSTRIES)  
 User: ASHTONALBAN

Name: Ashlon Alban  
E-Mail: aalban@seest.com  
Date/Time: 2022-07-28 10:57 (Time Zone: -04:00)

*Report Last Signed By*

User: CARROLLJAMES1  
Name: James Carroll  
E-Mail: james.carroll@holcim.com  
Date/Time: 2022-08-12 08:14 (Time Zone: -04:00)

DMR Copy of Record

<b>Permit</b>	Permit #: <b>MDG491365</b>	Permittee: <b>BARDON, INC. (DBA AGGREGATE INDUSTRIES)</b>	Facility: <b>ROCKVILLE QUARRY &amp; READY MIX CONCRETE</b>
Major: <b>No</b>	Permittee Address: <b>6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770</b>	Facility Location: <b>13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850</b>	
Permitted Feature: <b>001 External Outfall</b>	Discharge: <b>001-E4 Wastewater Effluent Limits 15MM1365</b>		

<b>Report Dates &amp; Status</b>	Monitoring Period: <b>From 05/01/22 to 05/31/22</b>	DMR Due Date: <b>07/28/22</b>	Status: <b>NetDMR Validated</b>
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Considerations for Form Completion  
**SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS**

Principal Executive Officer	First Name: <b>Chris</b>	Title: <b>Vice President, General Manager</b>	Telephone: <b>301-982-1400</b>
	Last Name: <b>Clow</b>		

No Data Indicator (NOD):  
 Form NOD1: **-**

Code	Parameter Name	Monitoring Location	Excursion #	Param. NOD	Quantity or Loading				Quantity or Concentration				Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1	Qualifier 2	Value 2				
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req.		=	7.9		=	7.9		12 - SU		01/30 - Monthly	GR - GRAB
					Value NOD		>=	6.0 DAILY MN		<=	9.0 DAILY MX		12 - SU			
00400	pH	1 - Effluent Gross	1	-	Sample Permit Req.		=	7.9		=	7.9		12 - SU		01/30 - Monthly	GR - GRAB
					Value NOD		>=	6.5 MO AV MN		<=	8.5 MO AVG		12 - SU			
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req.				=	5.25	=	5.5		19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NOD				<=	30.0 MX MO AV		<=	60.0 DAILY MX			
03582	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req.								19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NOD											9 - Conditional Monitoring - Not Required This Period
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req.		=	3600.0		=	3600.0		07 - gal/d	01/30 - Monthly	MS - MEASRD	
					Value NOD		Req Mon MO AVG		Req Mon DAILY MX				07 - gal/d			

Submission Note  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors  
 No errors.

Comments

Attachments	Name	Type	Size
	attachment.pdf	pdf	3428237.0

Report Last Saved By  
**BARDON, INC. (DBA AGGREGATE INDUSTRIES)**

User: <b>ASHTONALBAN</b>	Name: <b>Ashlon Alban</b>
E-Mail: <b>aalban@eest.com</b>	Date/Time: <b>2022-07-28 10:59 (Time Zone: -04:00)</b>

Report Last Signed By

User: CARROLLJAMES1  
Name: James Carroll  
E-Mail: james.carroll@holcim.com  
Date/Time: 2022-08-12 08:14 (Time Zone: -04:00)

DMR Copy of Record

<b>Permit</b>	Permit #: <b>MDG491365</b>	Permittee: <b>BARDON, INC. (DBA AGGREGATE INDUSTRIES)</b>	Facility: <b>ROCKVILLE QUARRY &amp; READY MIX CONCRETE</b>
Major:	No	Permittee Address: <b>6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770</b>	Facility Location: <b>13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850</b>
Permitted Feature:	<b>001 External Outfall</b>	Discharge: <b>001-E4 Wastewater Effluent Limits 15MM1365</b>	

**Report Dates & Status**  
 Monitoring Period: **From 06/01/22 to 06/30/22** | DMR Due Date: **07/28/22** | Status: **NotDMR Validated**

**Considerations for Form Completion**  
**SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS**

**Principal Executive Officer**  
 First Name: **Chris** | Title: **Vice President, General Manager** | Telephone: **301-982-1400**  
 Last Name: **Clow**

No Data Indicator (NODI)  
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NOG#	Sample Permit Req.	Quantity or Limiting				Quantity or Concentration			Units	Stat. Ex.	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1	Qualifier 2				
00400	pH	1 - Effluent Gross	0	-	Value NODI		=	7.5		=	7.5		12 - SU	01/30 - Monthly	GR - GRAB	
							>=	6.0 DAILY MN		<=	9.0 DAILY MX		12 - SU			
00400	pH	1 - Effluent Gross	1	-	Value NODI		=	7.5		=	7.5		12 - SU	01/30 - Monthly	GR - GRAB	
							>=	6.5 MO AV MN		<=	8.5 MO AVG		12 - SU			
00530	Solids, total suspended	1 - Effluent Gross	0	-	Value NODI		=	11.0		=	12.0		19 - mg/L	01/30 - Monthly	GR - GRAB	
							<=	30.0 MX MO AV		<=	60.0 DAILY MX		19 - mg/L			
03582	Oil and grease	1 - Effluent Gross	0	-	Value NODI								19 - mg/L	01/30 - Monthly	GR - GRAB	
													9 - Conditional Monitoring - Not Required This Period			
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	-	Value NODI		=	3000.0		=	3000.0		07 - gal/d	01/30 - Monthly	MS - MEASRD	
							Req Mon MO AVG		Req Mon DAILY MX		07 - gal/d					

**Submission Note**  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
 No errors.  
 Comments

**Attachments**

Name	Type	Size
attachment.pdf	pdf	3428237.0

**Report Last Saved By**  
**BARDON, INC. (DBA AGGREGATE INDUSTRIES)**  
 User: **ASHTONALBAN**  
 Name: **Ashton Alban**  
 E-Mail: **aalban@eest.com**  
 Date/Time: **2022-07-28 11:05 (Time Zone: -04:00)**



Report Last Signed By

User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@holcim.com
Date/Time:	2022-08-12 08:14 (Time Zone: -04:00)

DMR Copy of Record

<b>Permit</b>		Permit #: <b>MDG491365</b>		Permittee: <b>BARDON, INC. (DBA AGGREGATE INDUSTRIES)</b>		Facility: <b>ROCKVILLE QUARRY &amp; READY MIX CONCRETE</b>																																																																																
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Monitoring Period: <b>From 04/01/22 to 04/30/22</b>		DMR Due Date: <b>07/28/22</b>		Status: <b>NetDMR Validated</b>																																																																																		
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User: ASHTONALBAN		Name: Ashton Alban		E-Mail: aalban@aeast.com		Date/Time: 2022-07-28 10:56 (Time Zone: -04:00)																																																																																
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User: CARROLLJAMES1		Name: James Carroll		E-Mail: james.carroll@hokim.com		Date/Time: 2022-08-12 08:14 (Time Zone: -04:00)																																																																																

**DMR Copy of Record**

<b>Permit</b>		Permit #: <b>MDG491365</b>		Permittee: <b>BARDON, INC. (DBA AGGREGATE INDUSTRIES)</b>		Facility: <b>ROCKVILLE QUARRY &amp; READY MIX CONCRETE</b>																																																														
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DMR Copy of Record

<b>Permit</b>		<b>Permittee:</b> BARDON, INC. (DBA AGGREGATE INDUSTRIES)		<b>Facility:</b> ROCKVILLE QUARRY & READY MIX CONCRETE	
<b>Permit #:</b> MDG491365	<b>Major:</b> No	<b>Permittee Address:</b> 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	<b>Facility Location:</b> 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850		
<b>Permitted Feature:</b> 001 External Outfall		<b>Discharge:</b> 001-E5 Wastewater Effluent Limits 15MM1365			

<b>Report Dates &amp; Status</b>		<b>Monitoring Period:</b> From 06/01/22 to 06/30/22		<b>DMR Due Date:</b> 07/28/22		<b>Status:</b> <b>NotDMR Validated</b>	
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**Considerations for Form Completion**  
**SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS**

**Principal Executive Officer**

<b>First Name:</b> Chris	<b>Title:</b> Vice President, General Manager	<b>Telephone:</b> 301-982-1400
<b>Last Name:</b> Clow		

**No Data Indicator (NODI)**  
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	3000.0		3000.0	07	gal/d		01/30 - Monthly	MS - MEASRD
					Permit Req	Req Mon MO AVG		Req Mon DAILY MX	07	gal/d		01/30 - Monthly	MS - MEASRD
					Value NODI								

**Submission Note**  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
 No errors.

**Comments**

**Attachments**

Name	Type	Size
attachment.pdf	pdf	3428237.0

**Report Last Saved By**  
 BARDON, INC. (DBA AGGREGATE INDUSTRIES)

**User:** ASHTONALBAN  
**Name:** Ashton Alban  
**E-Mail:** aalban@eaest.com  
**Date/Time:** 2022-07-25 14:13 (Time Zone: -04:00)

**Report Last Signed By**  
**User:** CARROLLJAMES1  
**Name:** James Carroll  
**E-Mail:** james.carroll@hokim.com  
**Date/Time:** 2022-08-12 08:14 (Time Zone: -04:00)

DMR Copy of Record

**Permit**

Permit #: MDG491365	Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)	Facility: ROCKVILLE QUARRY & READY MIX CONCRETE
Major: No	Permittee Address: 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	Facility Location: 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850
Permitted Feature: 001 External Outfall	Discharge: 001-J1 Stormwater Benchmarks 15MM1365	

**Report Dates & Status**

Monitoring Period: From 04/01/22 to 06/30/22	DMR Due Date: 07/28/22	Status: NetDMR Validated
--	------------------------	--------------------------

**Considerations for Form Completion**

**MINERAL MINES AND DRESSING**

**Principal Executive Officer**

First Name: Chris	Title: Vice President, General Manager	Telephone: 301-982-1400
Last Name: Clow		

**No Data Indicator (NODI)**

Form NODI: --

Code	Parameter Name	Monitoring Location	Stream #	Permit WOD	Quantity or Loading			Quality or Concentration			# of EX	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
00530	Solids, total suspended	EG - Effluent Gross	0	--				20.7			19 - mg/L	01/90 - Quarterly	GR - GRAB
								Req Mon QRTR AVG			19 - mg/L	01/90 - Quarterly	GR - GRAB

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

**Attachments**

Name	Type	Size
attachment.pdf	pdf	3428237.0

**Report Last Saved By**

BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User: ASHTONALBAN  
 Name: Ashton Alban  
 E-Mail: aalban@aeast.com  
 Date/Time: 2022-07-28 11:03 (Time Zone: -04:00)

**Report Last Signed By**

User: CARROLLJAMES1  
 Name: James Carroll  
 E-Mail: james.carroll@holcim.com  
 Date/Time: 2022-08-12 08:14 (Time Zone: -04:00)

**DMR Copy of Record**

**Permit**

Permit #:	<b>MDG491365</b>	Permittee:	BARDON, INC. (DBA AGGREGATE INDUSTRIES)	Facility:	ROCKVILLE QUARRY & READY MIX CONCRETE
Major:	No	Permittee Address:	6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	Facility Location:	13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850
Permitted Feature:	001 External Outfall	Discharge:	001-J1 Stormwater Benchmarks 15MM1365		

**Report Dates & Status**

Monitoring Period:	From 07/01/22 to 09/30/22	DMR Due Date:	10/28/22	Status:	NetDMR Validated
--------------------	---------------------------	---------------	----------	---------	------------------

**Considerations for Form Completion**

MINERAL MINES AND DRESSING

**Principal Executive Officer**

First Name:	Chris	Title:	Vice President, General Manager	Telephone:	301-982-1400
Last Name:	Clow				

**No Data Indicator (NOD)**

Form NOD: -

Code	Parameter Name	Monitoring Location	Season #	Param. NOD	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
00530	Solids, total suspended	EG - Effluent Gross	0	-				15.6			19 - mg/L	01/00 - Quarterly	GR - GRAB
								Req Mon QTR AVG			19 - mg/L	01/00 - Quarterly	GR - GRAB

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

**Attachments**

Name	Type	Size
Attachment.pdf	pdf	3882535.0

**Report Last Saved By**

**BARDON, INC. (DBA AGGREGATE INDUSTRIES)**

User: ASHTONALBAN  
 Name: Ashton Alban  
 E-Mail: aalban@eaest.com  
 Date/Time: 2022-10-27 15:08 (Time Zone: -04:00)

**Report Last Signed By**

User: CARROLLJAMES1  
 Name: James Carroll  
 E-Mail: james.carroll@holcim.com  
 Date/Time: 2022-10-28 13:52 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>		<b>Permittee:</b> BARDON, INC. (DBA AGGREGATE INDUSTRIES)		<b>Facility:</b> ROCKVILLE QUARRY & READY MIX CONCRETE	
<b>Permit #:</b>	<b>MDG491365</b>	<b>Permittee Address:</b>	6401 GOLDEN TRIANGLE DRIVE, SUITE 400	<b>Facility Location:</b>	13900 PINEY MEETINGHOUSE ROAD
<b>Major:</b>	<b>No</b>		MONTGOMERY COUNTY		MONTGOMERY COUNTY
			GREENBELT, MD 20770		ROCKVILLE, MD 20850
<b>Permitted Feature:</b>	001 External Outfall	<b>Discharge:</b>	001-E5 Wastewater Effluent Limits 15MM1365		
<b>Report Dates &amp; Status</b>					
<b>Monitoring Period:</b>	From 09/01/22 to 09/30/22	<b>DMR Due Date:</b>	10/28/22	<b>Status:</b>	<b>NetDMR Validated</b>
<b>Considerations for Form Completion</b>					
SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS					
<b>Principal Executive Officer</b>					
<b>First Name:</b>	Chris	<b>Title:</b>	Vice President, General Manager	<b>Telephone:</b>	301-982-1400
<b>Last Name:</b>	Clow				

No Data Indicator (NODI)

Form NODI: -

Code	Parameter Name	Monitoring Location	Session #	Param. NODI	Quantity or Loading				Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1 Value 1	Qualifier 2 Value 2				Qualifier 3 Value 3
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	3168000.0	=	3168000.0	07 - gal/d				01/30 - Monthly	MS - MEASRD
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX 07	gal/d				01/30 - Monthly	MS - MEASRD
					Value NODI										

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Exursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

**Attachments**

Name	Type	Size
Attachment.pdf	pdf	3882535.0

**Report Last Saved By**

BARDON, INC. (DBA AGGREGATE INDUSTRIES)

**User:** ASHTONALBAN  
**Name:** Ashton Alban  
**E-Mail:**aalban@eaest.com  
**Date/Time:** 2022-10-26 17:28 (Time Zone: -04:00)

**Report Last Signed By**

**User:** CARROLLJAMES1  
**Name:** James Carroll  
**E-Mail:** james.carroll@holcim.com  
**Date/Time:** 2022-10-28 13:52 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit</b>		<b>Permittee:</b> BARDON, INC. (DBA AGGREGATE INDUSTRIES)		<b>Facility:</b> ROCKVILLE QUARRY & READY MIX CONCRETE	
<b>Permit #:</b> MDG491365	<b>Major:</b> No	<b>Permittee Address:</b> 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	<b>Facility Location:</b> 19900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850		
<b>Permitted Feature:</b> 001 External Outfall	<b>Discharge:</b> 001-E5 Wastewater Effluent Limits 15MM1365				
<b>Report Dates &amp; Status</b>		<b>DMR Due Date:</b> 10/28/22		<b>Status:</b> NetDMR Validated	
<b>Monitoring Period:</b> From 08/01/22 to 08/31/22					
<b>Considerations for Form Completion</b> SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS					
<b>Principal Executive Officer</b>					
<b>First Name:</b> Chris	<b>Title:</b> Vice President, General Manager		<b>Telephone:</b> 301-982-1400		
<b>Last Name:</b> Clow					

**No Data Indicator (NODI)**

Form NODI: --

Code	Parameters Name	Monitoring Location	Season	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3			
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	2448000.0		3168000.0	07 - gal/d			01/30 - Monthly	MS - MEASRD
					Permit Req.	Req Mon MC AVG		Req Mon DAILY MX	07 - gal/d			01/30 - Monthly	MS - MEASRD
					Value NODI								

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

**Attachments**

Name	Type	Size
Attachment.pdf	pdf	3882535.0

**Report Last Saved By**

**BARDON, INC. (DBA AGGREGATE INDUSTRIES)**

**User:** ASHTONALBAN  
**Name:** Ashton Alban  
**E-Mail:** aalban@eaest.com  
**Date/Time:** 2022-10-27 15:06 (Time Zone: -04:00)

**Report Last Signed By**

**User:** CARROLLJAMES1  
**Name:** James Carroll  
**E-Mail:** james.carroll@holcim.com  
**Date/Time:** 2022-10-28 13:52 (Time Zone: -04:00)



**DMR Copy of Record**

*Permit*  
 Permit #: **MDG491365** | Permittee: **BARDON, INC. (DBA AGGREGATE INDUSTRIES)** | Facility: **ROCKVILLE QUARRY & READY MIX CONCRETE**  
 Major: **No** | Permittee Address: **6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770** | Facility Location: **13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850**  
 Permitted Feature: **D01 External Outfall** | Discharge: **001-E5 Wastewater Effluent Limits 15MM1365**  
*Report Dates & Status*  
 Monitoring Period: **From 07/01/22 to 07/31/22** | DMR Due Date: **10/28/22** | Status: **NetDMR Validated**  
*Considerations for Form Completion*  
**SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS**  
*Principal Executive Officer*  
 First Name: **Chris** | Title: **Vice President, General Manager** | Telephone: **301-982-1400**  
 Last Name: **Clow**  
 No Data Indicator (NODI)  
 Form NODI: **--**

Code	Parameter Name	Monitoring Location	Session #	Param. NODI	Quantity or Loading				Units	Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2		Qualifier 3	Value 3	Qualifier 4			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Qualifier 1	Value 1	Qualifier 2	Value 2	07 - gal/d	Qualifier 3	Value 3	Qualifier 4	Value 4	01/30 - Monthly	MS - MEASRD
					Permit Req.	3744000.0		3744000.0	Req Mon MO AVG					01/30 - Monthly	MS - MEASRD
					Value NODI				Req Mon DAILY MX 07 - gal/d						

*Submission Note*  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.  
*Edit Check Errors*  
 No errors.  
 Comments

*Attachments*

Name	Type	Size
Attachment.pdf	pdf	3882535.0

*Report Last Saved By*  
**BARDON, INC. (DBA AGGREGATE INDUSTRIES)**  
 User: **ASHTONALBAN**  
 Name: **Ashton Alban**  
 E-Mail: **aalban@eaest.com**  
 Date/Time: **2022-10-27 15:05 (Time Zone: -04:00)**  
*Report Last Signed By*  
 User: **CARROLLJAMES1**  
 Name: **James Carroll**  
 E-Mail: **james.carroll@holcim.com**  
 Date/Time: **2022-10-28 13:52 (Time Zone: -04:00)**

**DMR Copy of Record**

**Permit**  
 Permit #: **MDG491365** | Permittee: **BARDON, INC. (DBA AGGREGATE INDUSTRIES)** | Facility: **ROCKVILLE QUARRY & READY MIX CONCRETE**  
 Major: **No** | Permittee Address: **6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770** | Facility Location: **13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850**

Permitted Feature: **001 External Outfall** | Discharge: **001-E4 Wastewater Effluent Limits 15MM1365**

**Report Dates & Status**  
 Monitoring Period: **From 09/01/22 to 09/30/22** | DMR Due Date: **10/28/22** | Status: **NetDMR Validated**

**Considerations for Form Completion**  
 SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS

**Principal Executive Officer**  
 First Name: **Chris** | Title: **Vice President, General Manager** | Telephone: **301-982-1400**  
 Last Name: **Clow**

**No Data Indicator (NODI)**  
 Form NODI: **-**

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading				Quality or Concentration			Units	# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1	Qualifier 2					Value 2	Qualifier 3
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req.					=	7.26		=	7.26	12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI				>=	6.0 DAILY MN		<=	9.0 DAILY MX			12 - SU	01/30 - Monthly
00400	pH	1 - Effluent Gross	1	-	Sample Permit Req.					=	7.26		=	7.26	12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI				>=	6.5 MO AV MN		<=	8.5 MO AVG			12 - SU	01/30 - Monthly
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req.					=	3.3		=	3.4	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI				<=	30.0 MX MO AV		<=	60.0 DAILY MX			19 - mg/L	01/30 - Monthly
03582	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req.								<=	15.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI												
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req.	=	3168000.0	=	3168000.0		07 - gal/d					01/30 - Monthly	MS - MEASRD
					Value NODI		Req Mon MO AVG		Req Mon DAILY MX		07 - gal/d					01/30 - Monthly	MS - MEASRD

**Submission Note**  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
 No errors.

**Comments**

**Attachments**

Name	Type	Size
Attachment.pdf	pdf	3882535.0

**Report Last Saved By**  
**BARDON, INC. (DBA AGGREGATE INDUSTRIES)**

User: **ASHTONALBAN**  
 Name: **Ashlon Alban**  
 E-Mail: **aalban@eesl.com**  
 Date/Time: **2022-10-27 15:09 (Time Zone: -04:00)**

**Report Last Signed By**

User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@holcim.com
Date/Time:	2022-10-28 13:52 (Time Zone: -04:00)

**DMR Copy of Record**

<b>Permit #:</b> MDG491365	<b>Permittee:</b> BARDON, INC. (DBA AGGREGATE INDUSTRIES)	<b>Facility:</b> ROCKVILLE QUARRY & READY MIX CONCRETE
<b>Major:</b> No	<b>Permittee Address:</b> 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	<b>Facility Location:</b> 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850
<b>Permitted Feature:</b> 001 External Outfall	<b>Discharge:</b> 001-E4 Wastewater Effluent Limits 15MM1365	
<b>Report Dates &amp; Status</b>		
<b>Monitoring Period:</b> From 08/01/22 to 08/31/22	<b>DMR Due Date:</b> 10/28/22	<b>Status:</b> <b>NetDMR Validated</b>
<b>Considerations for Form Completion</b>		
SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS		
<b>Principal Executive Officer</b>		
<b>First Name:</b> Chris	<b>Title:</b> Vice President, General Manager	<b>Telephone:</b> 301-982-1400
<b>Last Name:</b> Clow		

**No Data Indicator (NODI)**

Form NODI:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration			Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2				
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req.		= 7.5				= 7.53			12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI		>= 6.0 DAILY MN				<= 9.0 DAILY MX			12 - SU	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	1	-	Sample Permit Req.		= 7.5				= 7.5			12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI		>= 6.5 MO AV MN				<= 8.5 MO AVG			12 - SU	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req.					= 28.3	= 60.0			19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI					<= 30.0 MX MO AV	<= 60.0 DAILY MX			19 - mg/L	01/30 - Monthly	GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req.						<= 15.0 DAILY MX			19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI						9 - Conditional Monitoring - Not Required This Period					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req.	= 2446000.0	= 3168000.0	07 - gal/d							01/30 - Monthly	MS - MEASRD
					Value NODI	Req Mon MO AVG	Req Mon DAILY MX	07 - gal/d							01/30 - Monthly	MS - MEASRD

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

**Attachments**

Name	Type	Size
Attachment.pdf	pdf	3682535.0

**Report Last Saved By**

BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User: ASHTONALBAN  
 Name: Ashton Alban  
 E-Mail: aalban@eaast.com  
 Date/Time: 2022-10-27 15:07 (Time Zone: -04:00)

**Report Last Signed By**

User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@holcim.com
Date/Time:	2022-10-28 13:52 (Time Zone: -04:00)

DMR Copy of Record

**Permit**  
**Permit #:** MDG491365 | **Permittee:** BARDON, INC. (DBA AGGREGATE INDUSTRIES) | **Facility:** ROCKVILLE QUARRY & READY MIX CONCRETE  
**Major:** No | **Permittee Address:** 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770 | **Facility Location:** 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850

**Permitted Feature:** 001 External Outfall | **Discharge:** 001-E4 Wastewater Effluent Limits 15MM1365

**Report Dates & Status**  
**Monitoring Period:** From 07/01/22 to 07/31/22 | **DMR Due Date:** 10/28/22 | **Status:** **Not DMR Validated**

**Considerations for Form Completion**  
**SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS**

**Principal Executive Officer**  
**First Name:** Chris | **Title:** Vice President, General Manager | **Telephone:** 301-982-1400  
**Last Name:** Clow

**No Data Indicator (NOD)**  
**Form NOD:** -

Code	Parameter Name	Monitoring Location	Season #	Param. NOD	Sample Permit Req.	Quantity or Loading					Quality or Concentration			Units	# of Ex.	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2				
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req.						=	7.39	=	7.39	12 - SU	01/30 - Monthly	GR - GRAB
					Value NOD						>=	6.0 DAILY MN	<=	9.0 DAILY MX	12 - SU	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	1	-	Sample Permit Req.						=	7.39	=	7.39	12 - SU	01/30 - Monthly	GR - GRAB
					Value NOD						>=	6.5 MO AV MN	<=	8.5 MO AVG	12 - SU	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req.						=	2.65	=	2.7	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NOD						<=	30.0 MX MO AV	<=	60.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
03562	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req.								<=	15.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NOD									9 - Conditional Monitoring - Not Required This Period			
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req.	=	3744000.0	=	3744000.0	07 - gal/d						01/30 - Monthly	MS - MEASRD
					Value NOD		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d						01/30 - Monthly	MS - MEASRD

**Submission Note**  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
 No errors.

**Comments**

**Attachments**

Name	Type	Size
Attachment.pdf	pdf	3682535.0

**Report Last Saved By**  
 BARDON, INC. (DBA AGGREGATE INDUSTRIES)

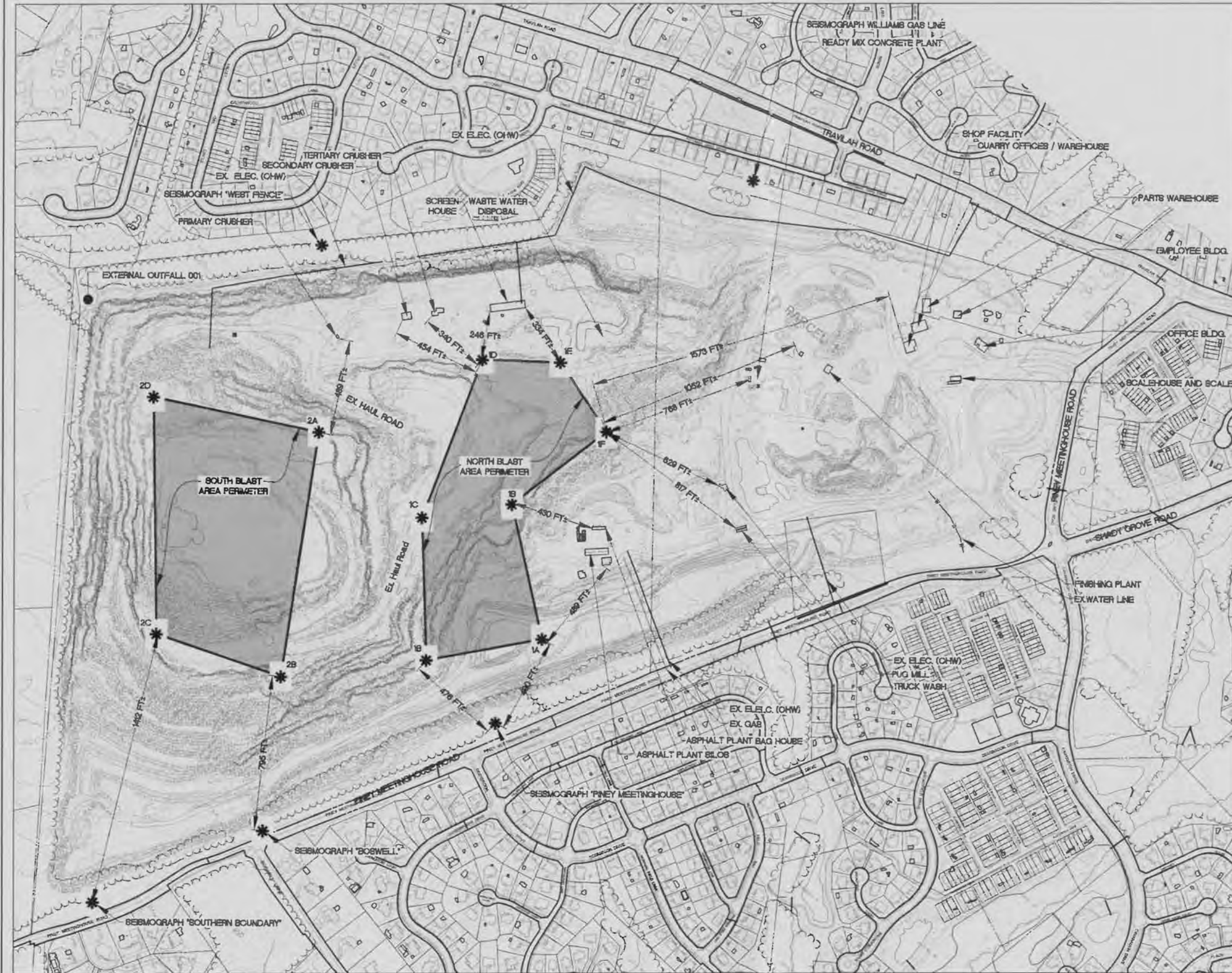
**User:** ASHTONALBAN  
**Name:** Ashton Alban  
**E-Mail:** aalban@east.com  
**Date/Time:** 2022-10-27 15:05 (Time Zone: -04:00)

**Report Last Signed By**

User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@holcim.com
Date/Time:	2022-10-28 13:52 (Time Zone: -04:00)







VICINITY MAP  
SCALE: 1" = 500'

**LEGEND**

●	PROPERTY MARKER FOUND
—	GUARDRAIL
—	TRACE WITH FENCE-WIRE
—	SIGN
—	UTILITY POLE
○	STONE PROPERTY MARKER FOUND
○	WOOD OR METAL POST
—	FENCE LINE
—	EXISTING ELEC. (OHW)
—	EXISTING WATER LINE

**RODGERS CONSULTING**

1947 Century Boulevard, Suite 201, Germantown, Maryland 20878  
 P: 301.948.4700 (Main) F: 301.948.4722 www.rodgers.com

Client / Developer:  
**Aggregate Industries**  
 6401 Golden Triangle Drive  
 Greenbelt, Maryland 20770-3101 841.4773  
 Attn: Richard Frensdorf, Tim Bevard  
 301.962.1400

Soil Engineer:  
**Rodgers Consulting, Inc.**  
 1947 Century Boulevard, Suite 201  
 Germantown, Maryland 20878  
 301.948.4700  
 Attn: Robert Graham

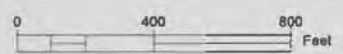


**TRAVILAH QUARRY  
 BLASTING AREA & SITE PLAN**

**Property of Bardon, Inc.  
 L-2740 F.64**

Darnestown Election District 6  
 Montgomery County, MD

- NOTES**
1. BUILDINGS, STREAMS, ROADS AND DRIVEWAYS SHOWN HEREON WERE TAKEN FROM AERIAL PHOTOGRAPHY ACQUIRED FROM THE AERIAL PHOTOGRAPHIC SURVEY, DATE OF FLUOROGRAPHIC PHOTOGRAPHY: DECEMBER 01, 2018 AND PROPERTY INFORMATION: JULY 1, 2011.
  2. PROPERTY MONUMENTATION WAS FOUND OR SET BY CONNECTION WITH NEIGHBOR'S SURVEYS OF ADJOINING PROPERTIES.
  3. ALL PROPERTY MONUMENTATION FOUND WAS HELD UNLESS OTHERWISE SHOWN OTHERWISE.
  4. THE SURVEY IS BY THE MARYLAND STATE PLANE COORDINATE SYSTEM, NAD 83, BASED ON ONE OBSERVATION UTILITY MARK STATION: WISOR, N 561618.402 E 122188.794 (NSMID, N 347 736.56 E 1231947.87).
  5. THE PROPERTY OWNER HAS REQUESTED THE FOLLOWING EASEMENTS OR RIGHTS OF WAY WHICH MAY AFFECT THE PROPERTY:  
 RIGHTS OF WAY GRANTED TO CHESTER AND POTOMAC TELEPHONE COMPANY, RECORDED IN LIBER 312 AT FOLIO 40; THE RIGHT OF WAY DOES NOT AFFECT THE PROPERTY.  
 RIGHTS OF WAY GRANTED TO POTOMAC Edison COMPANY, RECORDED IN LIBER 341 AT FOLIO 47; LIBER 316 AT FOLIO 31; AND LIBER 1361 AT FOLIO 40; THESE RIGHTS OF WAY ARE FOR POLE LINES AND CABLES BEING LOCATED DUE TO THE LACK OF AN EXACT DESCRIPTION THE LOCATION OF UTILITY POLES IS SHOWN ON THE SURVEY.



**Blasting Area & Site Plan**  
 SCALE: 1" = 200'



**RECEIVED**  
 OCT 07 2022  
 Environmental Protection

REV.	DATE	DESCRIPTION

PROJECT NUMBER	0465-C6
DATE	2022.02.22
SCALE	1" = 200'
DRAWING TITLE	Blasting Plan & Site Plan
DRAWING NUMBER	<b>BSP-01</b>

Preliminary Not For Construction



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OCT 07 2022

Environmental Protection

Particulate Control Plan – Travilah Quarry

October 5, 2022

Holcim-MAR produces high quality construction aggregates for the Washington Metropolitan area. As part of our ongoing commitment to the environment and the neighboring community the Travilah Quarry has instituted a program that uses an Environmental Management System that tracks environmental performance standards. The Environmental Management System assists quarry site management in tracking performance and achieving environmental performance goals. As part of the overall goals for the Travilah Quarry particulate control measures are reviewed periodically and improvements are made to achieve higher standards over time. The following is a listing of the measures utilized at the quarry to address particulate matter suppression.

The main crushing and screening operations are conducted down in the quarry approximately 200 feet below the natural ground level. The crushing and screening operations being conducted below natural grade help to reduce the noise, vibration, and particulate matter from migrating outside of the quarry boundary. The primary crusher is located an additional 25 feet below the quarry process floor area to further mitigate these same environmental concerns. The primary crusher reduces the size of the blasted aggregate material to 5 – 8 inches in size. As the aggregate material flows from the primary crusher through the plant process a wet suppression system is employed to minimize particulate emissions at the transfer points and processing locations. Wet suppression is a system that applies a controlled water spray that adheres to the crushed aggregate materials to reduce particulate emissions during the material transfer and crushing process.

The processing plant utilizes a secondary and tertiary crushing circuit that further reduces the size of the processed materials to the specification or required sizes during the production process. Both of these crushing circuits employ pneumatic dust collection systems to control particulate matter from the impact of the crushing. The screening facility is a fully enclosed building that also utilizes a pneumatic dust collection system for particulate matter control. The aggregate material is then conveyed to the finishing plant which rinses the material prior to being conveyed to the stockpile areas located on the upper rim of the quarry. Finished material stockpiles are watered as required to minimize fugitive dust emissions. As described above each step of the process flow throughout the plant has a particulate control measure in place to minimize particulate matter emissions.

The internal haul roads of the quarry are watered during operating hours to minimize fugitive emissions from the vehicles traveling within the quarry boundaries. In addition, to further enhance the cleanliness of the roadways outside of the quarry boundaries each vehicle prior to exiting the quarry must drive through the truck wash facility. The truck wash facility is a high pressure wash system that removes debris from the wheels, truck cab, dump body, and the undercarriage of each vehicle prior to approaching the scalehouse facility and exiting the site.

In 2022, the quarry has been focused on environmental improvements to the current operational plan and has instituted an effort termed the Track Out and Dust Reduction Initiative. This initiative has two focus categories. The first is reducing fugitive dust emissions during the crushing and screening process throughout the plant footprint. The material process flow diagram has been analyzed and all transfer points have been assessed regarding the efficiency of the control measure in place. Any control device that required maintenance or replacement has received the proper maintenance attention. In addition, all of the dust collectors throughout the process have been serviced and/or upgraded to be sure the units are performing at maximum capacity. The dust collector initiative is currently 70% complete and should be totally completed by the end of 2022. Secondly, during the fall of this year the internal exit haul road is being improved to enhance the effectiveness of the truck wash system and improve truck cleanliness when exiting the quarry. This initiative is larger in scope as it required site engineering and planning to achieve the desired result. The upper quarry drainage patterns have been studied and drainage improvements are underway to control where the water drains to be sure it does not conflict with vehicular traffic. The quarry exit road between the truck wash and scaling area is being reconfigured and rebuilt including new pavement as an additional measure to maximize the reduction of potential track out. This initiative is under construction currently and will continue until the project is complete. Both of these projects are part of our effort for to reduce the overall fugitive dust impact and to improve the environmental footprint for the quarry operation.

The above control measures are used internal to the quarry operations. Outside of the quarry gate a commercial sweeping company maintains the cleanliness of Piney Meetinghouse Road and Shady Grove Road on a daily basis. When conditions warrant two sweepers are used to keep the public roads as debris free as possible. The sweeping of the public roads on a regular basis helps maintain a clean and safe environment for all the neighboring communities surrounding the quarry operation.



# CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)  
10/04/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Aon Risk Services Southwest, Inc. Houston TX Office 5555 San Felipe Suite 1500 Houston TX 77056 USA	<b>CONTACT NAME:</b> PHONE (A/C. No. Ext.): (866) 283-7122 FAX (A/C. No.): (800) 363-0105		
	<b>E-MAIL ADDRESS:</b>		
<b>INSURED</b> Holcim Participations (US) Inc. 6211 Ann Arbor Rd Dundee MI 48131 USA	<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
	INSURER A: ACE American Insurance Company		22667
	INSURER B: Indemnity Insurance Co of North America		43575
	INSURER C: ACE Fire Underwriters Insurance Co.		20702
	INSURER D: American Guarantee & Liability Ins Co		26247
	INSURER E:		
INSURER F:			

**COVERAGES**      **CERTIFICATE NUMBER:** 570095901399      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. Limits shown are as requested

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> CLAIMS-MADE: <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:			HD0G47359594	10/01/2022	10/01/2023	EACH OCCURRENCE: \$10,000,000 DAMAGE TO RENTED PREMISES (EA occurrence): \$10,000,000 MED EXP (Any one person): \$5,000 PERSONAL & ADV INJURY: \$10,000,000 GENERAL AGGREGATE: \$20,000,000 PRODUCTS - COMP/OP AGG: \$20,000,000
A	<input checked="" type="checkbox"/> <b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY			ISA H10769863 Auto (AOS) ISA H10769930 Auto (NH only) - \$50K CSL	10/01/2022	10/01/2023	COMBINED SINGLE LIMIT (Per accident): \$10,000,000 BODILY INJURY (Per person): BODILY INJURY (Per accident): PROPERTY DAMAGE (Per accident):
D	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION			AUC014440106 SIR applies per policy terms & conditions	10/01/2022	10/01/2023	EACH OCCURRENCE: \$5,000,000 AGGREGATE: \$5,000,000
B	<input checked="" type="checkbox"/> <b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			WLRC50740493 WC (AOS) SCFC5074064A WC Retro (WI)	10/01/2022	10/01/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH E.L. EACH ACCIDENT: \$1,000,000 E.L. DISEASE-EA EMPLOYEE: \$1,000,000 E.L. DISEASE-POLICY LIMIT: \$1,000,000
C							

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
 Insured is self-insured on physical damage for all owned, leased and rented autos. Montgomery County-Dept. of Environmental Protection is included as Additional Insured in accordance with the policy provisions of the General Liability policy.

**RECEIVED**  
OCT 07 2022

<b>CERTIFICATE HOLDER</b>  Montgomery County-Dept. of Environmental Protection Attn: Steve Martin 2425 Reedie Drive, 5th Floor Wheaton MD 20902 USA	<b>CANCELLATION</b> Environmental Protection SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE  <i>Aon Risk Services South Inc.</i>
--	---

Holder Identifier : AUIS

Certificate No : 570095901399





**ADDITIONAL REMARKS SCHEDULE**

AGENCY Aon Risk Services Southwest, Inc.		NAMED INSURED Holcim Participations (US) Inc.	
POLICY NUMBER See Certificate Number: 570095901399			
CARRIER See Certificate Number: 570095901399	NAIC CODE	EFFECTIVE DATE	

**ADDITIONAL REMARKS**

**THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,**  
**FORM NUMBER:** ACORD 25 **FORM TITLE:** Certificate of Liability Insurance

**Additional Named Insureds**

Holcim Participations (US) Inc.  
 Holcim - ACM Management, Inc.  
 International Atlantins Insurance Company  
 Holcim (US) Inc  
 LaFargeHolcim Finance US LLC  
 Holcim - NER, Inc.  
 Holcim - MAR, Inc.  
 Tiger Minimix Inc  
 Holcim - SOR, Inc.  
 Tarrant Concrete Company, Inc  
 Holcim - SWR, Inc.  
 Holcim - WCR, Inc.  
 Tiger Delivery LLC  
 Holcim Land Company, Inc.  
 Lordstown Construction Recovery LLC  
 Holcim Quarries NY, Inc.  
 Holcim - MAMR, Inc.  
 Fredonia Valley Railroad Inc.  
 Holcim - MWR, Inc.  
 Meyer Material Company LLC  
 Kost Inc  
 GeoCycle LLC  
 Systech Environmental Corporation  
 Lafarge PNW Inc.  
 Nautilus Holding Company  
 American Transport Leasing Inc.  
 Cement Transport Ltd  
 Surplus Items Inc  
 Thorstenberg Materials Co., Inc.  
 Bardon, Inc. DBA Aggregate Industries Inc. Mid Atlantic  
 Transit Mix Concrete Company  
 Aggregate Industries, WCR. dba Transit Mix  
 Aggregate Industries Pacific Northwest, Inc.  
 Holcim Solutions and Products US, LLC

**VERIFICATION OF BOND IN FORCE**  
**Form SB-3**

Type of Bond: Reclamation Bond

Name of Principal: BARDON, INC.

Obligee: MONTGOMERY COUNTY, MARYLAND

Carrier: WESTERN SURETY COMPANY

Bond Number: 929517725

Effective Date: January 6, 2023

Limit: \$ 100,735.00

Premium: \$ 630.00

This Bond is continuous with no definite expiration date. Sufficient Premium has been paid to satisfy the requirements of the Carrier for this bond to January 6, 2024

WESTERN SURETY COMPANY

By: \_\_\_\_\_



Lisa A. Ward Attorney in Fact

Date: 01/12/2023

# Western Surety Company

## POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

**Lupe Tyler, Lisa A Ward, Michael J Herrod, Terri L Morrison, Gina A Rodriguez, Andrea M Penaloza, Donna L Williams, Vanessa Dominguez, Misty Wright, Amanda George, Erin M Dennison, Individually**

of Houston, TX, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

### - In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 6th day of July, 2021.



WESTERN SURETY COMPANY

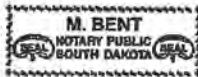
Paul T. Brufat, Vice President

State of South Dakota }  
County of Minnehaha } ss

On this 6th day of July, 2021, before me personally came Paul T. Brufat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

March 2, 2026



M. Bent, Notary Public

### CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 12th day of January, 2023.



WESTERN SURETY COMPANY

L. Nelson, Assistant Secretary

Form F4280-7-2012

Go to [www.cnasurety.com](http://www.cnasurety.com) > Owner / Obligee Services > Validate Bond Coverage, if you want to verify bond authenticity.



**Authorizing By-Law**

**ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY**

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.

Bond Number 929517725

**PERFORMANCE BOND FOR  
QUARRY LICENSE**

KNOW ALL MEN BY THESE PRESENTS, THAT WE Bardon, Inc. dba  
Aggregate Industries hereinafter called Permittee, and  
Western Surety Company a corporation incorporated  
under the laws of the State of South Dakota and authorized to do  
business in the State of Maryland, hereinafter called Surety are held and  
firmly bound unto Montgomery County, Maryland, in the full and just sum of  
One Hundred Thousand Seven Hundred\*\*\* Dollars, lawful money of the United States  
of America, to be paid to the said Montgomery County, Maryland, or its assigns,  
to which payment well and truly to be made and done, we bind ourselves, our  
heirs, executors, administrators and successors, jointly and severally, firmly  
by these present.

\*\*\*thirty Five and no/100 (\$100,735.00)

Sealed with our respective seals and dates this 6th day of January,  
2011.

WHEREAS, the above named Permittee has received approval by Montgomery  
County, Maryland, bearing date of \_\_\_\_\_ on his application  
No. \_\_\_\_\_ for a license from Montgomery County for the operation of a quarry  
located at: 13900 Piney Meeting House Road, Rockville  
within Travilah Quarry Subdivision in Montgomery County,  
Maryland, as more fully described in the approved application no. \_\_\_\_\_

WHEREAS, it is a condition of the issuance of the quarry license by the  
Department of Environmental Protection of Montgomery County, Maryland, acting  
for and on behalf of Montgomery County, these presents should be executed.

**RECEIVED**

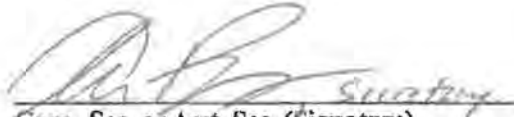
**OCT 07 2022**

Environmental Protection

NOW THEREFORE, the condition of this obligation is such that the above named permittee shall in all respects comply with all the applicable terms, conditions, provisions and requirements of Chapter 38, title "QUARRY", Montgomery County Code, 1984, as amended, and the term and conditions upon which the application has been approved, and which terms and conditions will be incorporated in the license when issued, and shall fully meet and faithfully perform his, their or its obligations in the operation of the quarry for which the license is issued, and shall save harmless Montgomery County, Maryland, from any expense incurred through the failure to the Permittee, his agents and employees to operate the quarry as required by the Chapter 38, Montgomery County Code 1984, as amended, growing out of the negligence of the Permittee or his agents, or employees. This obligation shall remain in full Force and affect pursuant to the provision of Chapter 38, Montgomery County Codes, 1984, as amended.

The surety may at any time terminate its liability by giving sixty (60) days written notice to the Obligee, and the Surety shall not be Liable for any default after such sixty day notice period, except for Defaults occurring prior thereto.

ATTEST:

  
Corp. Sec. or Asst. Sec. (Signature)

ALAN PAPERNY  
Print Name

\_\_\_\_\_  
Witness

Countersigned by:  
No Longer Required

CCE/PP-1408p

Bardon, Inc. dba Aggregate Industries  
Signature - Owner/Authorized Agent  
(Corporation name, if Applicable)

  
Corp. Pres. or Vice President (Signature)

Don H. P. Delaney VP-GM  
Print Name (Corp. Pres., Vice Pres. or  
Owner/Authorized Agent)

Western Surety Company  
Print Name (Bonding Company)

  
Attorney-in-Fact (Signature)

Stephanie Garahana  
Print Name

# Western Surety Company

## POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

**Mark A Latini, Craig B Hurst, Kevin W Andrews, Jeffery G Shields, Wm. Scott Shields, Guyanne L Hansen, Gayle Wood, Donald R Mayer, Stephanie H Garahana, Tracy A Mervin, Individually**

of Sandy, UT, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

### - In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Senior Vice President and its corporate seal to be hereto affixed on this 17th day of February, 2010.



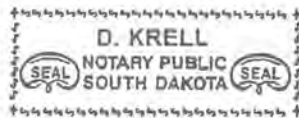
WESTERN SURETY COMPANY

Paul T. Bruflat  
Paul T. Bruflat, Senior Vice President

State of South Dakota }  
County of Minnehaha } ss

On this 17th day of February, 2010, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Senior Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires  
November 30, 2012



D. Krell  
D. Krell, Notary Public

### CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 16th day of January, 2011.



WESTERN SURETY COMPANY

L. Nelson  
L. Nelson, Assistant Secretary



DEPARTMENT OF PERMITTING SERVICES

Marc Elrich  
County Executive

Hadi Mansouri  
Acting Director

SEDIMENT CONTROL PERMIT

Issue Date: 08/01/2001

Permit No: 203770  
Expires: 08/01/2024  
Ref. No:  
ID: AC569139

THIS IS TO CERTIFY THAT:     BARDON, INC - ATTN: RICHARD FREEDMAN  
6401 GOLDEN TRIANGLE DR, SUITE 400  
GREENBELT, MD 20770

HAS PERMISSION TO: DISTURB                    0 PREV. AAP'D

PURPOSE: REVISION

PERMIT CONDITIONS: ◊◊FOREST CLEARING REMEDIATION APPROVED REVISION RECEIVED 8/5/2016 TO INCREASE LOD BY 63,156 SQUARE FEET-PERMIT ISSUED 8/5/2016◊◊

PREMISE ADDRESS: TRAVILAH QUARRY @ PINEY MEETINGHOUSE RD,  
POTOMAC

RECEIVED

OCT 07 2022

EXTENDED

Environmental Protection

The permit fee is calculated based on the approved Executive Regulations multiplied by the Enterprise Fund Stabilization Factor for the current fiscal year.

**If the permit is inactive at the time of expiration, it may not be extended.**

The permittee must contact JONATHAN GRIFFITHS Field Inspector at (240)731-1282 or jonathan.griffiths@montgomerycountymd.gov to obtain an inspection prior to:

1. Commencing land-disturbing activity;
2. Installing sediment-control basins or stormwater-management structures;
3. Removing sediment-control devices; and

LOT - BLOCK: -

ZONE:

ELECTION DISTRICT:

BOND NO.:

BOND TYPE:

PS NUMBER:

PERMIT FEE: \$ 29,027.06

SUBDIVISION: TRAVILAH QUARRY

Acting Director, Department of Permitting Services

## Martin, Steve

---

**From:** Timothy BEVARD <tim.bevard@holcim.com>  
**Sent:** Tuesday, December 13, 2022 12:36 PM  
**To:** Martin, Steve  
**Subject:** Re: Quarry License Renewal Package  
**Attachments:** 3rd QTR 2022 DMRs Rockville Quarry.pdf; 2022-12-12 September 2022 MDE Seismic Report.pdf; 2022-12-12 October 2022 MDE Seismic Report.pdf

[EXTERNAL EMAIL]

Steve,

Attached please find the 3rd QTR DMRs and the requested seismic reports for September and October. Just as an update on quarry activity. We have completed a drainage improvement project and repaving between the truck wash and scalehouse facility. In addition, I am told we increased the size of the area where the trucks swing or make the right turn to pull up on the scales. This should keep the departing trucks entirely on paved surfaces prior to departure. This project has been completed in the last month or so and I have not visited the quarry to see the completed work. Just wanted you to know we are implementing measures in an effort to reduce fugitive dust and to improve the cleanliness of Piney Meetinghouse and Shady Grove Roads. Have a Great Afternoon and Stay Safe.

On Fri, Dec 2, 2022 at 8:39 AM Martin, Steve <[Steve.Martin@montgomerycountymd.gov](mailto:Steve.Martin@montgomerycountymd.gov)> wrote:

Tim,

Please send me the 2022 3<sup>rd</sup> quarter discharge monitoring reports. Also, if available, please send me the seismograph records for September and October. Thanks.

**Steve Martin**

Environmental Compliance Supervisor

Department of Environmental Protection

2425 Reddie Drive, 5<sup>th</sup> Floor

Wheaton, MD 20902

Office: 240-777-7746



[Connect with us!](#)



## Aggregate Industries - Rockville Quarry – December 2021 Blast Locations



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

**RECEIVED**

**OCT 07 2022**

Environmental Protection

## Aggregate Industries - Rockville Quarry - December 2021 Blast Locations Close Up



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report



Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

SITE NAME: Aggregate Industries -  
 Rockville

Check Box if No Blasting Occurred During the Month Reporting

BLAST COMPANY: Dyno Nobel North America

MONTH / YEAR: Dec-21

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
12/03/2021 10:01AM	56-21	Level 10, Hole depth 45 feet	39.07575N, -77.23045W	Cloudy, 51 degrees F	No complaints	5
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	2,013	35.7/25/27.8	0.038/0.048/0.023	111
		B. Piney Meetinghouse	2,205	35.7/35.7/20.8	0.083/0.135/0.070	109
		C. West Fence	1,267	38.5/62.5/83.3	0.04/0.078/0.068	110
		D. Williams Gasline	3,180	31.3/35.7/50	0.06/0.073/0.02	101
		E. Southern Boundary	2,534	41.7/62.5/83.3	0.048/0.03/0.033	102

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date).

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

SITE NAME:

Aggregate Industries -  
 Rockville

Check Box if No Blasting Occurred During the Month  
 Reporting

BLAST COMPANY:

Dyno Nobel North America

MONTH / YEAR:

Dec-21

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
12/08/2021 10:30AM	57-21	Level 5, Hole depth 36 feet	39.078216N, -77.226705W	Cloudy, 48 degrees F	No complaints	5
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS / VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	2,113	N/A	< 0.020	< 120
		B. Piney Meetinghouse	1,512	35.7/35.7/35.7	0.103/0.070/0.060	104
		C. West Fence	1,202	14.3/29.4/22.7	0.028/0.02/0.023	113
		D. Williams Gasline	1,993	35.7/41.7/41.7	0.050/0.048/0.028	106
		E. Southern Boundary	3,188	N/A	< 0.020	< 120

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date).

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

SITE NAME:

Aggregate Industries -  
 Rockville

Check Box if No Blasting Occurred During the Month  
 Reporting

BLAST COMPANY:

Dyno Nobel North America

MONTH / YEAR:

Dec-21

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
12/16/2021 10:09AM	58-21	Level 10, Hole depth 45 feet	39.07593N, -77.23018W	Sunny, 52 degrees F	No complaints	5
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,989	25/41.7/35.7	0.03/0.023/0.01	113
		B. Piney Meetinghouse	2,133	20.8/27.8/22.7	0.058/0.083/0.05	108
		C. West Fence	1,209	26.3/38.5/29.4	0.05/0.058/0.073	104
		D. Williams Gasline	3,088	62.5/41.7/41.7	0.035/0.065/0.023	90
		E. Southern Boundary	2,559	50/35.7/50	0.028/0.023/0.013	103

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^ Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date).

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Dec-21

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
12/22/2021 10:09AM	59-21	Level 10, Hole depth 45 feet	39.07606N, -77.23011W	Sunny, 39 degrees F	No complaints	5
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS / VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	2,002	25/27.8/41.7	0.023/0.040/0.010	112
		B. Piney Meetinghouse	2,117	20.8/15.6/14.7	0.05/0.058/0.048	104
		C. West Fence	1,165	12.8/11.9/16.7	0.06/0.06/0.063	106
		D. Williams Gasline	3,037	27.8/41.7/35.7	0.038/0.09/0.025	87
		E. Southern Boundary	2,596	N/A	< 0.020	< 120

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date).

## Aggregate Industries - Rockville Quarry – January 2022 Blast Locations



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:**

Aggregate Industries -  
 Rockville

Check Box if No Blasting Occurred During the Month  
 Reporting

**BLAST COMPANY:**

Dyno Nobel North America

**MONTH / YEAR:**

Jan-22

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
1/12/2022 10:19AM	01-22	Level 6, Hole depth 38 feet	39.07826N, -77.226954W	Sunny, 31 degrees F	No complaints	5
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS / VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	2,147	N/A	< 0.020	< 120
		B. Piney Meetinghouse	1,574	N/A	< 0.020	< 120
		C. West Fence	1,131	N/A	< 0.020	< 120
		D. Williams Gasline	1,993	N/A	< 0.020	< 120
		E. Southern Boundary	3,202	N/A	< 0.020	< 120

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date).

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Jan-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
1/20/2022 11:02AM	02-22	Level 5, Hole depth 50 feet	39.0779N, -77.228234W	Cloudy, 34 degrees F	No complaints	5
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS / VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	2,174	N/A	< 0.020	< 120
		B. Piney Meetinghouse	1,802	20.8/20.8/25	0.035/0.025/0.018	114
		C. West Fence	860	29.4/8.3/15.6	0.048/0.038/0.035	109
		D. Williams Gasline	1,993	41.7/41.7/13.2	0.018/0.018/0.023	106
		E. Southern Boundary	3,106	N/A	< 0.020	< 120

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date.

## Aggregate Industries - Rockville Quarry – February 2022 Blast Locations



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report



Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville

Check Box if No Blasting Occurred During the Month  
 Reporting

**BLAST COMPANY:** Dyno Nobel North America

**MONTH / YEAR:** Feb-22

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
2/1/2022 11:19AM	03-22	Level 9, Hole depth 20-32 feet	39.076151N, -77.229663W	Sunny, 34 degrees F	No complaints	5
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS / VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	1,926	31.3/41.7/35.7	0.033/0.033/0.015	109
		B. Piney Meetinghouse	1,995	35.7/31.3/25	0.033/0.068/0.033	104
		C. West Fence	1,159	35.7/41.7/45.5	0.073/0.068/0.055	107
		D. Williams Gasline	2,955	27.8/41.7/31.3	0.045/0.048/0.015	87
		E. Southern Boundary	2,582	31.3/27.8/83.3	0.02/0.03/0.025	101
*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.						
^Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.						
^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.						
Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date.						

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Feb-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
2/14/2022 11:59AM	04-22	Level 9, Hole depth 20-50 feet	39.076453N, -77.229303W	Sunny, 28 degrees F	No complaints	5
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,928	13.2/35.7/19.2	0.048/0.038/0.02	108
		B. Piney Meetinghouse	1,910	22.7/31.3/25	0.055/0.108/0.078	103
		C. West Fence	1,088	25/41.7/23.8	0.11/0.083/0.063	101
		D. Williams Gasline	2,814	35.7/50/9.6	0.033/0.043/0.03	87
		E. Southern Boundary	2,655	62.5/35.7/50	0.038/0.033/0.028	106
<p>*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.</p>						
<p>** Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.</p>						
<p>^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.</p>						
<p>Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date.</p>						

## Aggregate Industries - Rockville Quarry – March 2022 Blast Locations



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

## Aggregate Industries - Rockville Quarry - March 2022 Blast Locations Close Up



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville

Check Box if No Blasting Occurred During the Month  
 Reporting

**BLAST COMPANY:** Dyno Nobel North America

**MONTH / YEAR:** Mar-22

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
3/3/2022 12:08AM	06-22	Level 3B, Hole depth 53 feet	39.07781N, -77.225063W	Sunny, 47 degrees F	No complaints	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS / VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	1,881	11.4/12.5/14.7	0.023/0.03/0.013	108
		B. Piney Meetinghouse	1,081	27.8/31.3/22.7	0.198/0.200/0.128	113
		C. West Fence	1,689	N/A	< 0.02	< 120
		D. Williams Gasline	2,120	N/A	< 0.02	< 120
		E. Southern Boundary	3,073	N/A	< 0.02	< 120
		F. 13603 Pine View Lane	2,365	N/A	< 0.02	< 120
		G. 13611 Pine View Lane	2,525	N/A	< 0.02	< 120

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

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Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Mar-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
3/3/2022 12:13AM	07-22	Level 4, Hole depth 30-55 feet	39.07891N, -77.22811W	Sunny, 47 degrees F	No complaints	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS / VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	2,490	N/A	< 0.02	< 120
		B. Piney Meetinghouse	1,980	31.3/27.8/27.8	0.025/0.02/0.018	117
		C. West Fence	756	29.4/33.3/29.4	0.113/0.148/0.093	108
		D. Williams Gasline	1,857	22.7/35.7/16.7	0.03/0.063/0.018	96
		E. Southern Boundary	3,467	N/A	< 0.02	< 120
		F. 13603 Pine View Lane	1,557	21.7/21.7/25	0.028/0.028/0.025	103
		G. 13611 Pine View Lane	1,640	12.8/27.8/27.8	0.04/0.035/0.018	102

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\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

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Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Mar-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
3/10/2022 9:35AM	08-22	Level 5, Hole depth 27 feet	39.07802N, -77.22784W	Cloudy, 42 degrees F	No complaints	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	2,163	N/A	< 0.02	< 120
		B. Piney Meetinghouse	1,729	35.7/27.8/13.9	0.05/0.038/0.028	103
		C. West Fence	932	26.3/20.8/41.7	0.078/0.043/0.04	109
		D. Williams Gasline	2,136	31.3/22.7/15.6	0.03/0.023/0.02	101
		E. Southern Boundary	3,135	N/A	< 0.02	< 120
		F. 13603 Pine View Lane	1,581	55.6/15.2/71.4	0.02/0.02/0.018	101
		G. 13611 Pine View Lane	1,736	N/A	< 0.02	< 125

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\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

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Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Mar-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
3/16/2022 10:14AM	05-22	Level 10, Hole depth 40 feet	39.07588N, -77.2297W	Sunny, 57 degrees F	No complaints	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,870	25/25/35.7	0.028/0.03/0.013	110
		B. Piney Meetinghouse	1,996	41.7/35.7/15.6	0.073/0.068/0.05	102
		C. West Fence	1,252	16.1/27.8/20.8	0.05/0.05/0.04	101
		D. Williams Gasline	3,050	41.7/31.3/31.3	0.033/0.028/0.023	88
		E. Southern Boundary	2,492	35.7/41.7/50	0.033/0.025/0.02	106
		F. 13603 Pine View Lane	1,260	45.5/50/62.5	0.088/0.085/0.068	106
		G. 13611 Pine View Lane	1,584	45.5/62.5/55.6	0.080/0.070/0.070	102

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\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^ Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

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Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville

Check Box if No Blasting Occurred During the Month  
 Reporting

**BLAST COMPANY:** Dyno Nobel North America

**MONTH / YEAR:** Mar-22

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
3/21/2022 10:00AM	09-22	Level 10, Hole depth 34-40 feet	39.07585N, -77.2295W	Sunny, 55 degrees F	No complaints	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS / VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	1,820	13.2/35.7/25	0.035/0.025/0.015	110
		B. Piney Meetinghouse	1,938	15.6/27.8/12.5	0.04/0.05/0.038	104
		C. West Fence	1,278	23.8/27.8/25	0.04/0.05/0.04	107
		D. Williams Gasline	3,039	27.8/35.7/35.7	0.023/0.028/0.018	95
		E. Southern Boundary	2,463	N/A	< 0.020	< 120
		F. 13603 Pine View Lane	1,314	35.7/41.7/71.4	0.065/0.04/0.055	106
		G. 13611 Pine View Lane	1,634	38.5/35.7/62.5	0.055/0.05/0.043	101

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID # would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date).

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville

Check Box if No Blasting Occurred During the Month  
 Reporting

**BLAST COMPANY:** Dyna Nobel North America

**MONTH / YEAR:** Mar-22

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
3/25/2022 9:00AM	10-22	Level 10, Hole depth 40 feet	39.07605N, -77.2295W	Sunny, 51 degrees F	No complaints	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS / VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	1,867	14.7/25/20.8	0.025/0.025/0.018	109
		B. Piney Meetinghouse	1,945	22.7/27.8/31.3	0.053/0.053/0.07	103
		C. West Fence	1,208	26.3/21.7/50	0.055/0.05/0.06	99
		D. Williams Gasline	2,971	50/41.7/31.3	0.03/0.035/0.025	85
		E. Southern Boundary	2,532	50/31.3/62.5	0.028/0.023/0.018	107
		F. 13603 Pine View Lane	1,276	41.7/125/71.4	0.078/0.103/0.123	107
		G. 13611 Pine View Lane	1,588	83.3/83.3/55.6	0.093/0.07/0.07	101

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map, submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date).

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Mar-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
3/31/2022 2:31PM	12-22	Level 10, Hole depth 40 feet	39.0762N, -77.2296W	Sunny, 51 degrees F	No complaints	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,924	31.3/17.9/19.2	0.035/0.028/0.02	110
		B. Piney Meetinghouse	1,979	35.7/41.7/35.7	0.075/0.083/0.07	107
		C. West Fence	1,147	27.8/22.7/62.5	0.073/0.085/0.06	109
		D. Williams Gasline	2,932	35.7/35.7/31.3	0.03/0.033/0.03	91
		E. Southern Boundary	2,593	50/41.7/83.3	0.028/0.038/0.03	96
		F. 13603 Pine View Lane	1,225	50/125/83.3	0.095/0.103/0.13	111
		G. 13611 Pine View Lane	1,532	50/38.5/71.4	0.105/0.05/0.098	117

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date).

## Aggregate Industries - Rockville Quarry – April 2022 Blast Locations



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

**Maryland Department of the Environment  
Minerals, Oils, and Gas Division  
Individual Shot Blast Report**

**MDE-BLAST-REPORT**

**SITE NAME:** Aggregate Industries -  
Rockville

Check Box if No Blasting Occurred During the Month Reporting

**BLAST COMPANY:** Dyno Nobel North America

**MONTH / YEAR:** Apr-22

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
4/5/2022 10:01AM	11-22	Level 10, Hole depth 35 feet	39.0758N, -77.22757W	Sunny, 63 degrees F	No complaints	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS /VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	1,427	31.3/50.0/62.5	0.030/0.030/0.015	104
		B. Piney Meetinghouse	1,392	31.3/41.7/25.0	0.083/0.118/0.058	101
		C. West Fence	1,537	N/A	< 0.020	< 120
		D. Williams Gasline	2,903	N/A	< 0.020	< 120
		E. Southern Boundary	2,322	35.7/50.0/62.5	0.040/0.030/0.018	93
		F. 13603 Pine View Lane	1,806	41.7/38.5/62.5	0.028/0.025/0.015	104
		G. 13611 Pine View Lane	2,090	N/A	< 0.020	< 124

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date.

**Maryland Department of the Environment  
Minerals, Oils, and Gas Division  
Individual Shot Blast Report**

**MDE-BLAST-REPORT**

**SITE NAME:** Aggregate Industries -  
Rockville

Check Box if No Blasting Occurred During the Month  
Reporting

**BLAST COMPANY:** Dyno Nobel North America

**MONTH / YEAR:** Apr-22

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
4/11/2022 10:07AM	14-22	Level 10, Hole depth 31-38 feet	39.07607N, -77.22945W	Cloudy, 66 degrees F	No complaints	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,861	25.0/31.3/20.8	0.025/0.018/0.010	110
		B. Piney Meetinghouse	1,931	27.8/35.7/15.6	0.043/0.063/0.043	104
		C. West Fence	1,205	31.3/9.8/41.7	0.025/0.025/0.020	107
		D. Williams Gasline	2,959	N/A	< 0.020	< 120
		E. Southern Boundary	2,534	N/A	< 0.020	< 120
		F. 13603 Pine View Lane	1,285	41.7/125.0/71.4	0.065/0.028/0.040	112
		G. 13611 Pine View Lane	1,594	35.7/31.3/71.4	0.040/0.030/0.028	107

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date).

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:**

Aggregate Industries -  
 Rockville

Check Box if No Blasting Occurred During the Month  
 Reporting

**BLAST COMPANY:**

Dyno Nobel North America

**MONTH / YEAR:**

Apr-22

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
4/14/2022 10:11AM	13-22	Level 10, Hole depth 40 feet	39.076183N, -77.22933W	Sunny, 75 degrees F	No complaints	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS / VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	1,864	31.3/41.7/27.8	0.038/0.035/0.018	108
		B. Piney Meetinghouse	1,903	35.7/41.7/41.7	0.070/0.110/0.058	106
		C. West Fence	1,177	31.3/35.7/15.2	0.070/0.098/0.063	111
		D. Williams Gasline	2,909	62.5/41.7/41.7	0.035/0.045/0.038	101
		E. Southern Boundary	2,563	50.0/35.7/62.5	0.038/0.035/0.040	99
		F. 13603 Pine View Lane	1,296	45.5/83.3/62.5	0.098/0.075/0.115	115
		G. 13611 Pine View Lane	1,597	50.0/45.5/83.3	0.093/0.060/0.080	110

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

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Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville

Check Box if No Blasting Occurred During the Month  
 Reporting

**BLAST COMPANY:** Dyno Nobel North America

**MONTH / YEAR:** Apr-22

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
4/19/2022 9:54AM	17-22	Level 10, Hole depth 35 feet	39.07595N, -77.22797W	Sunny, 45 degrees F	No complaints	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,540	N/A	< 0.020	< 120
		B. Piney Meetinghouse	1,510	25.0/31.3/31.3	0.053/0.085/0.060	105
		C. West Fence	1,428	10.9/55.6/23.8	0.030/0.020/0.018	95
		D. Williams Gasline	2,874	N/A	< 0.020	< 120
		E. Southern Boundary	2,392	41.7/41.7/417	0.035/0.030/0.015	107
		F. 13603 Pine View Lane	1,680	20.0/125.0/55.6	0.023/0.023/0.028	102
		G. 13611 Pine View Lane	1,965	N/A	< 0.020	< 124

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date).



**Maryland Department of the Environment  
Minerals, Oils, and Gas Division  
Individual Shot Blast Report**

**MDE-BLAST-REPORT**

**SITE NAME:** Aggregate Industries -  
Rockville

Check Box if No Blasting Occurred During the Month  
Reporting

**BLAST COMPANY:** Dyno Nobel North America

**MONTH / YEAR:** Apr-22

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
4/25/2022 9:50AM	15-22	Level 10, Hole depth 30-40 feet	39.077433N, -77.22417W	Sunny, 63 degrees F	No complaints	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS /VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	1,741	N/A	< 0.020	< 120
		B. Piney Meetinghouse	823	22.7/35.7/19.2	0.113/0.138/0.068	105
		C. West Fence	1,973	N/A	< 0.020	< 120
		D. Williams Gasline	2,288	N/A	< 0.020	< 120
		E. Southern Boundary	2,986	N/A	< 0.020	< 120
		F. 13603 Pine View Lane	2,620	N/A	< 0.020	< 120
		G. 13611 Pine View Lane	2,796	N/A	< 0.020	< 124

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

\* Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date.

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

SITE NAME: Aggregate Industries -  
 Rockville

Check Box if No Blasting Occurred During the Month Reporting

BLAST COMPANY: Dyno Nobel North America

MONTH / YEAR: Apr-22

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
4/28/2022 10:42AM	19-22	Level 10, Hole depth 55 feet	39.07713N, -77.22488W	Sunny, 44 degrees F	No complaints	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,630	N/A	< 0.020	< 120
		B. Piney Meetinghouse	864	20.8/20.8/31.3	0.135/0.105/0.095	110
		C. West Fence	1,827	N/A	< 0.020	< 120
		D. Williams Gasline	2,372	N/A	< 0.020	< 120
		E. Southern Boundary	2,876	N/A	< 0.020	< 120
		F. 13603 Pine View Lane	2,428	N/A	< 0.020	< 120
		G. 13611 Pine View Lane	2,621	N/A	< 0.020	< 124

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\*Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date.

## Aggregate Industries - Rockville Quarry – May 2022 Blast Locations



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

## Aggregate Industries - Rockville Quarry - May 2022 Blast Locations Close Up



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

**Maryland Department of the Environment  
Minerals, Oils, and Gas Division  
Individual Shot Blast Report**

**MDE-BLAST-REPORT**

**SITE NAME:** Aggregate Industries -  
Rockville

Check Box if No Blasting Occurred During the Month Reporting

**BLAST COMPANY:** Dyno Nobel North America

**MONTH / YEAR:** May-22

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
5/3/2022 10:49AM	18-22	Level 3, Hole depth 35-40 feet	39.07726N, -77.22426W	Cloudy, 66 degrees F	No complaints	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Baswell	1,677	20.8/25.0/20.8	0.023/0.025/0.013	103
		B. Piney Meetinghouse	784	20.8/31.3/13.9	0.200/0.168/0.113	109
		C. West Fence	1,971	N/A	< 0.020	< 120
		D. Williams Gasline	2,346	N/A	< 0.020	< 120
		E. Southern Boundary	2,919	N/A	< 0.020	< 120
		F. 13603 Pine View Lane	2,599	N/A	< 0.020	< 120
		G. 13611 Pine View Lane	2,782	N/A	< 0.020	< 124

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date).

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** May-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
5/10/2022 10:30AM	20-22	Level 10, Hole depth 35-40 feet	39.075986N, -77.2292W	Sunny, 59 degrees F	One neighbor complained about the blast. Quarry management followed up with the complainant.	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS / VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	1,794	20.8/27.8/27.8	0.035/0.025/0.015	102
		B. Piney Meetinghouse	1,866	17.9/31.3/16.7	0.053/0.068/0.048	98
		C. West Fence	1,255	17.2/25.0/15.6	0.045/0.045/0.025	106
		D. Williams Gasline	2,967	50.0/41.7/41.7	0.028/0.035/0.025	87
		E. Southern Boundary	2,485	50.0/41.7/50.0	0.040/0.025/0.023	98
		F. 13603 Pine View Lane	1,355	38.5/33.3/71.4	0.085/0.048/0.045	110
		G. 13611 Pine View Lane	1,663	33.3/38.5/62.5	0.063/0.050/0.030	103

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

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Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville

Check Box if No Blasting Occurred During the Month  
 Reporting

**BLAST COMPANY:** Dyno Nobel North America

**MONTH / YEAR:** May-22

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
5/12/2022 11:16AM	22-22	Level 3, Hole depth 40 feet	39.07713N, -77.22415W	Cloudy, 67 degrees F	No complaints.	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS / VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	1,631	31.3/15.6/25.0	0.033/0.040/0.015	108
		B. Piney Meetinghouse	728	25.0/31.3/22.7	0.310/0.270/0.213	114
		C. West Fence	2,017	N/A	< 0.02	< 120
		D. Williams Gasline	2,398	N/A	< 0.02	< 120
		E. Southern Boundary	2,880	N/A	< 0.02	< 120
		F. 13603 Pine View Lane	2,634	N/A	< 0.02	< 120
		G. 13611 Pine View Lane	2,822	N/A	< 0.02	< 124

\* Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^ Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date).

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:**

Aggregate Industries -  
 Rockville

Check Box if No Blasting Occurred During the Month  
 Reporting

**BLAST COMPANY:**

Dyno Nobel North America

**MONTH / YEAR:**

May-22

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
5/17/2022 11:25AM	21-22	Level 3B, Hole depth 50 feet	39.077N, -77.2244W	Sunny, 69 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,580	19.2/31.3/27.8	0.028/0.033/0.013	112
		B. Piney Meetinghouse	744	35.7/35.7/31.3	0.243/0.143/0.140	115
		C. West Fence	1,958	N/A	< 0.02	< 120
		D. Williams Gasline	2,432	25.0/19.2/25.0	0.025/0.035/0.015	107
		E. Southern Boundary	2,814	N/A	< 0.02	< 120
		F. 13603 Pine View Lane	2,554	N/A	< 0.02	< 120
		G. 13611 Pine View Lane	2,750	N/A	< 0.02	< 124

\* Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^ Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date).



Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:**

Aggregate Industries -  
 Rockville

Check Box if No Blasting Occurred During the Month Reporting

**BLAST COMPANY:**

Dyno Nobel North America

**MONTH / YEAR:**

May-22

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
5/18/2022 10:57AM	23-22	Level 10, Hole depth 35-42 feet	39.07608N, -77.22865W	Sunny, 67 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,702	22.7/41.7/31.3	0.025/0.025/0.020	110
		B. Piney Meetinghouse	1,707	20.8/35.7/41.7	0.048/0.085/0.038	104
		C. West Fence	1,289	21.7/12.8/20.8	0.035/0.030/0.023	106
		D. Williams Gasline	2,880	35.7/27.8/31.3	0.033/0.030/0.015	85
		E. Southern Boundary	2,476	N/A	< 0.02	< 120
		F. 13603 Pine View Lane	1,485	31.3/45.5/21.7	0.040/0.028/0.035	111
		G. 13611 Pine View Lane	1,777	38.5/29.4/31.3	0.030/0.018/0.020	106

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^ Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date.

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

SITE NAME:

Aggregate Industries -  
 Rockville

Check Box if No Blasting Occurred During the Month Reporting

BLAST COMPANY:

Dyno Nobel North America

MONTH / YEAR:

May-22

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
5/20/2022 11:20AM	24-22	Level 3, Hole depth 40 feet	39.07689N, -77.22405W	Sunny, 78 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,546	22.7/25.0/31.3	0.030/0.038/0.018	103
		B. Piney Meetinghouse	641	22.7/31.3/35.7	0.290/0.330/0.210	115
		C. West Fence	2,078	N/A	< 0.02	< 120
		D. Williams Gasline	2,489	N/A	< 0.02	< 120
		E. Southern Boundary	2,802	N/A	< 0.02	< 120
		F. 13603 Pine View Lane	2,671	N/A	< 0.02	< 120
		G. 13611 Pine View Lane	2,869	N/A	< 0.02	< 124

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date).

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** May-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
5/31/2022 10:04AM	25-22	Level 3, Hole depth 35 feet	39.07595N, -77.22849W	Sunny, 78 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,636	31.3/35.7/50.0	0.033/0.023/0.015	110
		B. Piney Meetinghouse	1,657	27.8/50.0/35.7	0.045/0.165/0.045	106
		C. West Fence	1,352	21.7/31.3/71.4	0.028/0.020/0.018	103
		D. Williams Gasline	2,912	N/A	< 0.02	< 120
		E. Southern Boundary	2,420	35.7/35.7/62.5	0.030/0.025/0.013	106
		F. 13603 Pine View Lane	1,546	50.0/62.5/71.4	0.033/0.043/0.038	108
		G. 13611 Pine View Lane	1,840	N/A	< 0.02	< 124

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date).

## Aggregate Industries - Rockville Quarry – June 2022 Blast Locations



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Jun-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
6/2/2022 11:10AM	27-22	Level 5, Hole depth 53 feet	39.0776N, -77.22664W	Sunny, 81 degrees F	No complaints.	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS / VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	1,894	17.9/41.7/25.0	0.030/0.020/0.018	103
		B. Piney Meetinghouse	1,361	35.7/35.7/25.0	0.240/0.118/0.088	107
		C. West Fence	1,304	17.2/15.2/22.7	0.038/0.020/0.028	123
		D. Williams Gasline	2,212	35.7/35.7/15.6	0.045/0.045/0.023	106
		E. Southern Boundary	2,964	N/A	< 0.02	< 120
		F. 13603 Pine View Lane	1,919	50.0/55.6/15.6	0.028/0.030/0.023	114
		G. 13611 Pine View Lane	2,097	N/A	< 0.02	< 124

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date).

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Jun-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
6/9/2022 9:53AM	28-22	Level 3, Hole depth 36-40 feet	39.07607N, -77.22409W	Sunny, 75 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,248	25.0/13.9/20.8	0.030/0.030/0.018	104
		B. Piney Meetinghouse	609	23.8/23.8/27.8	0.403/0.260/0.183	121
		C. West Fence	2,207	N/A	< 0.02	< 120
		D. Williams Gasline	2,782	N/A	< 0.02	< 120
		E. Southern Boundary	2,512	N/A	< 0.02	< 120
		F. 13603 Pine View Lane	2,713	N/A	< 0.02	< 120
		G. 13611 Pine View Lane	2,944	N/A	< 0.02	< 124

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Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:**

Aggregate Industries -  
 Rockville

Check Box if No Blasting Occurred During the Month  
 Reporting

**BLAST COMPANY:**

Dyno Nobel North America

**MONTH / YEAR:**

Jun-22

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
6/10/2022 9:09AM	16-22	Level 5, Hole depth 30 feet	39.07814N, -77.22702W	Sunny, 67 degrees F	No complaints.	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS / VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	2,115	N/A	< 0.02	< 120
		B. Piney Meetinghouse	1,535	29.4/27.8/33.3	0.108/0.068/0.045	105
		C. West Fence	1,126	27.8/27.8/20.8	0.055/0.038/0.035	107
		D. Williams Gasline	2,036	35.7/50.0/25.0	0.060/0.035/0.028	90
		E. Southern Boundary	3,163	N/A	< 0.02	< 120
		F. 13603 Pine View Lane	1,815	35.7/35.7/100.0	0.030/0.030/0.018	101
		G. 13611 Pine View Lane	1,960	38.5/50.0/19.2	0.028/0.015/0.018	101

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^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

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Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Jun-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
6/16/2022 11:58AM	26-22	Level 3, Hole depth 40 feet	39.07679N, -77.22384W	Cloudy, 73 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,517	N/A	< 0.02	< 120
		B. Piney Meetinghouse	526	29.4/23.8/35.7	0.660/0.265/0.298	119
		C. West Fence	2,147	N/A	< 0.02	< 120
		D. Williams Gasline	2,536	N/A	< 0.02	< 120
		E. Southern Boundary	2,784	N/A	< 0.02	< 120
		F. 13603 Pine View Lane	2,735	N/A	< 0.02	< 120
		G. 13611 Pine View Lane	2,936	N/A	< 0.02	< 120

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\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

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**Maryland Department of the Environment  
Minerals, Oils, and Gas Division  
Individual Shot Blast Report**

**MDE-BLAST-REPORT**

**SITE NAME:** Aggregate Industries -  
Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Jun-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
6/22/2022 12:58PM	29-22	Level 5, Hole depth 53-54 feet	39.0777N, -77.226584W	Sunny, 82 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,923	20.8/16.7/31.3	0.035/0.020/0.015	110
		B. Piney Meetinghouse	1,362	38.5/31.3/45.5	0.198/0.115/0.113	106
		C. West Fence	1,303	14.7/27.8/22.7	0.040/0.028/0.030	118
		D. Williams Gasline	2,174	35.7/41.7/31.3	0.073/0.080/0.028	106
		E. Southern Boundary	3,000	N/A	< 0.02	< 120
		F. 13603 Pine View Lane	1,935	45.5/35.7/100	0.023/0.028/0.015	113
		G. 13611 Pine View Lane	2,107	26.3/13.2/55.6	0.02/0.025/0.018	112

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## Aggregate Industries - Rockville Quarry – July 2022 Blast Locations



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Jul-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
7/1/2022 10:55am	30-22	Level 5, Hole depth 50-58 feet	39.07806N, -77.22727W	Sunny, 82 degrees F	No complaints.	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS /VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	1,468	N/A	< 0.020	< 120
		B. Piney Meetinghouse	530	29.4/31.3/35.7	0.105/0.063/0.060	116
		C. West Fence	2,156	22.7/26.3/55.6	0.070/0.050/0.063	109
		D. Williams Gasline	2,580	25.0/35.7/20.8	0.060/0.063/0.038	98
		E. Southern Boundary	2,735	N/A	< 0.020	< 120
		F. 13603 Pine View Lane	2,730	25.0/17.2/83.3	0.038/0.033/0.038	104
		G. 13611 Pine View Lane	2,937	62.5/26.3/21.7	0.040/0.025/0.025	103

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\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

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Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:**

Aggregate Industries -  
 Rockville

Check Box if No Blasting Occurred During the Month Reporting

**BLAST COMPANY:**

Dyno Nobel North America

**MONTH / YEAR:**

Jul-22

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
7/1/2022 11:01am	31-22	Level 3, Hole depth 35 feet	39.07666N, -77.22382W	Sunny, 82 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,468	11.9/11.9/27.8	0.018/0.025/0.010	100
		B. Piney Meetinghouse	530	33.3/23.8/38.5	0.310/0.170/0.203	117
		C. West Fence	2,156	N/A	< 0.020	< 120
		D. Williams Gasline	2,580	N/A	< 0.020	< 120
		E. Southern Boundary	2,735	N/A	< 0.020	< 120
		F. 13603 Pine View Lane	2,730	N/A	< 0.020	< 120
		G. 13611 Pine View Lane	2,937	N/A	< 0.020	< 120

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date).

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

SITE NAME:

Aggregate Industries -  
 Rockville

Check Box if No Blasting Occurred During the Month  
 Reporting

BLAST COMPANY:

Dyno Nobel North America

MONTH / YEAR:

Jul-22

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
7/14/2022 10:29am	32-22	Level 3, Hole depth 35 feet	39.07654N, -77.22392W	Sunny, 80 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,424	31.3/22.7/19.2	0.030/0.028/0.020	109
		B. Piney Meetinghouse	539	25.0/25.0/31.3	0.318/0.228/0.190	120
		C. West Fence	2,166	N/A	< 0.020	< 120
		D. Williams Gasline	2,621	N/A	< 0.020	< 120
		E. Southern Boundary	2,690	N/A	< 0.020	< 120
		F. 13603 Pine View Lane	2,726	N/A	< 0.020	< 120
		G. 13611 Pine View Lane	2,938	N/A	< 0.020	< 120

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

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Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:**

Aggregate Industries -  
 Rockville

Check Box if No Blasting Occurred During the Month Reporting

**BLAST COMPANY:**

Dyno Nobel North America

**MONTH / YEAR:**

Jul-22

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
7/20/2022 9:00am	33-22	Level 5, Hole depth 45-53 feet	39.07801N, -77.22772W	Sunny, 79 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	2,145	17.9/25.0/14.7	0.023/0.015/0.010	110
		B. Piney Meetinghouse	1,704	31.3/29.4/33.3	0.120/0.078/0.050	112
		C. West Fence	964	20.0/16.7/55.6	0.068/0.050/0.058	109
		D. Williams Gasline	2,130	41.7/41.7/17.9	0.060/0.053/0.028	106
		E. Southern Boundary	3,128	N/A	< 0.020	< 120
		F. 13603 Pine View Lane	1,615	41.7/62.5/83.3	0.040/0.038/0.030	102
		G. 13611 Pine View Lane	1,770	22.7/45.5/50.0	0.033/0.025/0.023	103

\* Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

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**Maryland Department of the Environment  
Minerals, Oils, and Gas Division  
Individual Shot Blast Report**

**MDE-BLAST-REPORT**

**SITE NAME:** Aggregate Industries -  
Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Jul-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
7/26/2022 9:00am	34-22	Level 5, Hole depth 30-35 feet	39.07813N, -77.22713W	Cloudy, 72 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	2,122	N/A	< 0.020	< 120
		B. Piney Meetinghouse	1,562	27.8/31.3/26.3	0.090/0.048/0.033	108
		C. West Fence	1,099	27.8/19.2/29.4	0.050/0.033/0.040	110
		D. Williams Gasline	2,046	27.8/50.0/14.7	0.048/0.055/0.033	96
		E. Southern Boundary	3,160	N/A	< 0.020	< 120
		F. 13603 Pine View Lane	1,784	62.5/83.3/20.0	0.030/0.030/0.028	105
		G. 13611 Pine View Lane	1,930	N/A	< 0.020	< 120

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

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## Aggregate Industries - Rockville Quarry – August 2022 Blast Locations



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report



### Aggregate Industries - Rockville Quarry - August 2022 Blast Locations Close Up



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Aug-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
8/02/2022 9:12am	35-22	Level 5, Hole depth 30 feet	39.07819N, -77.22662W	Sunny, 82 degrees F	No complaints.	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS /VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	2,097	N/A	<0.020	<120
		B. Piney Meetinghouse	1,439	29.4/31.3/45.5	0.1175/0.05/0.0575	102.6
		C. West Fence	1,228	20/71.4/17.2	0.0325/0.035/0.03	110.2
		D. Williams Gasline	1,998	41.7/41.7/27.8	0.05/0.045/0.0275	91.4
		E. Southern Boundary	3,179	N/A	<0.02	<120
		F. 13603 Pine View Lane	1,930	71.4/71.4/62.5	0.025/0.020/0.0175	107.2
		G. 13611 Pine View Lane	1,439	N/A	<0.020	<124

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\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

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Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Aug-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
8/10/2022 9:51am	36-22	Level 5, Hole depth 30 feet	39.07834N, -77.22688W	Sunny, 82 degrees F	No complaints.	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS / VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	2,171	N/A	<0.020	<120
		B. Piney Meetinghouse	1,529	35.7/38.5/35.7	0.1075/0.060/0.040	106.4
		C. West Fence	1,141	26.3/31.3/35.7	0.0375/0.0375/0.0425	104.2
		D. Williams Gasline	1,957	83.3/41.7/83.3	0.055/0.055/0.035	89.8
		E. Southern Boundary	3,234	N/A	<0.020	<120
		F. 13603 Pine View Lane	1,861	N/A	<0.020	<120
		G. 13611 Pine View Lane	1,993	N/A	<0.020	<124

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

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Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:**

Aggregate Industries -  
 Rockville

Check Box if No Blasting Occurred During the Month  
 Reporting

**BLAST COMPANY:**

Dyno Nobel North America

**MONTH / YEAR:**

Aug-22

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
8/17/2022 11:09am	37-22	Level 5, Hole depth 53 feet	39.07722N, -77.22657W	Sunny, 69 degrees F	No complaints.	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS / VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	1,756	20.8/50/20.8	0.0425/0.0325/0.020	104.6
		B. Piney Meetinghouse	1,314	31.3/38.5/35.7	0.2275/0.165/0.135	104
		C. West Fence	1,389	14.3/19.2/14.7	0.0375/0.020/0.0325	116.2
		D. Williams Gasline	2,347	31.3/35.7/15.6	0.0475/0.0525/0.025	107
		E. Southern Boundary	2,825	N/A	<0.020	<120
		F. 13603 Pine View Lane	1,949	N/A	<0.020	<120
		G. 13611 Pine View Lane	2,148	N/A	<0.020	<124

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

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**Maryland Department of the Environment  
Minerals, Oils, and Gas Division  
Individual Shot Blast Report**

**MDE-BLAST-REPORT**

**SITE NAME:** Aggregate Industries -  
Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Aug-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
8/18/2022 10:25am	39-22	Level 5, Hole depth 35 feet	39.07813N, -77.22787W	Sunny, 71 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	2,203	N/A	<0.020	<120
		B. Piney Meetinghouse	1,758	35.7/27.8/38.5	0.075/0.0425/0.040	106.1
		C. West Fence	906	26.3/27.8/26.3	0.065/0.0475/0.0675	109.9
		D. Williams Gasline	2,101	41.7/35.7/31.3	0.0425/0.060/0.020	88.2
		E. Southern Boundary	3,176	N/A	<0.020	<120
		F. 13603 Pine View Lane	1,575	71.4/38.5/45.5	0.040/0.0325/0.0275	100.5
		G. 13611 Pine View Lane	1,722	62.5/100/100	0.035/0.0225/0.025	102

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

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Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Aug-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
8/24/2022 10:43am	38-22	Level 5, Hole depth 34 feet	39.07828N, -77.22755W	Sunny, 76 degrees F	No complaints.	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS / VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	2,216	N/A	<0.020	<120
		B. Piney Meetinghouse	1,693	35.7/33.3/29.4	0.13/0.0775/0.0625	110.3
		C. West Fence	968	17.2/23.8/16.1	0.050/0.080/0.0625	109.6
		D. Williams Gasline	2,022	41.7/35.7/25	0.08/0.0625/0.035	97.8
		E. Southern Boundary	3,222	N/A	<0.020	<120
		F. 13603 Pine View Lane	1,670	25/71.4/22.7	0.030/0.030/0.025	106.6
		G. 13611 Pine View Lane	1,806	38.5/27.8/62.5	0.030/0.030/0.020	104.3

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\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^ Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

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Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Aug-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
8/30/2022 10:22am	40-22	Level 3B, Hole depth 48 feet	39.07734N, -77.22449W	Sunny, 83 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,704	11.4/22.7/31.3	0.0175/0.0225/0.0125	101.7
		B. Piney Meetinghouse	762	29.4/33.3/31.3	0.2975/0.15/0.1875	110.6
		C. West Fence	1,899	N/A	<0.02	<120
		D. Williams Gasline	2,307	N/A	<0.02	<120
		E. Southern Boundary	2,933	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,532	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,713	N/A	<0.02	<124

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\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

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Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Aug-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
8/31/2022 9:45am	42-22	Level 3, Hole depth 41 feet	39.07681N, -77.22459W		No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,511	N/A	<0.02	<120
		B. Piney Meetinghouse	736	38.5/31.3/33.3	0.0725/0.0725/0.0475	113.8
		C. West Fence	1,952	N/A	<0.02	<120
		D. Williams Gasline	2,496	N/A	<0.02	<120
		E. Southern Boundary	2,738	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,524	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,729	N/A	<0.02	<124

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## Aggregate Industries - Rockville Quarry – September 2022 Blast Locations



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Sep-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
9/2/2022 11:28am	43-22	Level 3, Hole depth 31-39 feet	39.0764N, -77.22406W	Sunny, 77 degrees F	No complaints.	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS / VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	1,368	N/A	<0.020	<120
		B. Piney Meetinghouse	580	35.7/35.7/45.5	0.283/0.153/0.103	117
		C. West Fence	2,154	N/A	<0.020	<120
		D. Williams Gasline	2,664	N/A	<0.020	<120
		E. Southern Boundary	2,630	N/A	<0.020	<120
		F. 13603 Pine View Lane	2,696	N/A	<0.020	<120
		G. 13611 Pine View Lane	2,914	N/A	<0.020	<124

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date.

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Sep-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
9/7/2022 9:24am	41-22	Level 4, Hole depth 45-46 feet	39.07763N, -77.22517W	Cloudy, 70 degrees F	No complaints.	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS /VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	1,818	25.0/12.5/17.9	0.023/0.023/0.010	101
		B. Piney Meetinghouse	981	33.3/20.8/38.5	0.323/0.080/0.183	108
		C. West Fence	1,682	N/A	<0.02	<120
		D. Williams Gasline	2,184	N/A	<0.02	<120
		E. Southern Boundary	3,004	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,335	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,505	N/A	<0.02	<124

\* Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

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Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Sep-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
9/21/2022 10:05am	45-22	Level 3B, Hole depth 46 feet	39.07714N, -77.2247W	Sunny, 73 degrees F	No complaints.	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS / VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	1,631	31.3/31.3/25.0	0.023/0.030/0.018	107
		B. Piney Meetinghouse	731	27.8/35.7/29.4	0.448/0.200/0.205	112
		C. West Fence	1,932	N/A	<0.020	<120
		D. Williams Gasline	2,380	N/A	<0.020	<120
		E. Southern Boundary	2,863	N/A	<0.020	<120
		F. 13603 Pine View Lane	2,543	N/A	<0.020	<120
		G. 13611 Pine View Lane	2,733	N/A	<0.020	<124

\*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

^Shot ID # should correlate with the monthly map submitted. (For best results the Shot ID # used should be the numerical day of the month - for example if the shot occurred on 1/21/2015 than the Shot ID 3 would be 21). The Shot ID # 21 would be entered on the monthly map submitted.

Aerial map image with seismograph and shot locations should be submitted with each monthly blast report (map should include legend, north arrow, scale, title, seismograph and shot locations corresponding to date.

Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Sep-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
9/27/2022 9:44am	46-22	Level 3, Hole depth 32-35 feet	39.0765N, -77.22442W	Cloudy, 61 degrees F	No complaints.	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS /VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	1,398	N/A	<0.020	<120
		B. Piney Meetinghouse	680	26.3/35.7/29.4	0.073/0.095/0.040	113
		C. West Fence	2,047	N/A	<0.020	<120
		D. Williams Gasline	2,614	N/A	<0.020	<120
		E. Southern Boundary	2,639	N/A	<0.020	<120
		F. 13603 Pine View Lane	2,589	N/A	<0.020	<120
		G. 13611 Pine View Lane	2,806	N/A	<0.020	<124

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\*\* Location should include orientation of shot within the mines permit limits - example = 3rd bench, northeastern area of quarry, 200 feet deep, etc.

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## Aggregate Industries - Rockville Quarry – October 2022 Blast Locations



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

**Maryland Department of the Environment  
Minerals, Oils, and Gas Division  
Individual Shot Blast Report**

**MDE-BLAST-REPORT**

**SITE NAME:** Aggregate Industries -  
Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Oct-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	** LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
10/12/2022 10:54am	48-2022	Level 4, Hole depth 46 feet	39.07744N, -77.22518W	Sunnyy, 68 degrees F	No complaints.	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS /VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	1,750	13.9/13.2/12.5	0.035/0.025/0.015	101.7
		B. Piney Meetinghouse	957	31.3/35.7/26.3	0.2875/0.12/0.2175	109.6
		C. West Fence	1,705	N/A	<0.02	<120
		D. Williams Gasline	2,253	N/A	<0.02	<120
		E. Southern Boundary	2,935	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,335	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,514	N/A	<0.02	<124

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Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Oct-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
10/19/2022 10:37am	49-2022	Level 3B, Hole depth 48 feet	39.07713N, -77.22456W	Sunny, 43 degrees F	No complaints.	7
		<b>SEISMOGRAPH ID</b>	<b>DISTANCE FROM SHOT LOCATION (ft)</b>	<b>FREQ (Hz) [LONG / TRANS / VERT]</b>	<b>GROUND VIBRATIONS (in/sec)</b>	<b>AIR BLAST (db)</b>
		A. Boswell	1,627	19.2/20.8/35.3	0.0254/0.0175/0.0175	94.6
		B. Piney Meetinghouse	754	25/33.3/33.3	0.2525/0.2625/0.115	107.9
		C. West Fence	1,910	N/A	<0.02	<120
		D. Williams Gasline	2,381	N/A	<0.02	<120
		E. Southern Boundary	2,854	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,518	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,709	N/A	<0.02	<124

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Maryland Department of the Environment  
 Minerals, Oils, and Gas Division  
 Individual Shot Blast Report

MDE-BLAST-REPORT

**SITE NAME:** Aggregate Industries -  
 Rockville  
**BLAST COMPANY:** Dyno Nobel North America  
**MONTH / YEAR:** Oct-22

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
10/28/2022 9:55am	50-2022	Level 3, Hole depth 30 feet	39.07635N, -77.22419W	Cloudy, 46.06 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,347	16.7/31.3/13.2	0.0225/0.015/0.01	106.1
		B. Piney Meetinghouse	618	29.4/38.5/29.4	0.100/0.1225/0.0675	113.7
		C. West Fence	2,131	N/A	<0.02	<120
		D. Williams Gasline	2,677	N/A	<0.02	<120
		E. Southern Boundary	2,602	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,663	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,884	N/A	<0.02	<124

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