

Montgomery County, Maryland
Department of Environmental Protection

PUBLIC NOTICE
February 22, 2024
Application for Annual Quarry License Certification

Holcim Mid-Atlantic, Inc., Travilah Quarry

The Department of Environmental Protection is currently evaluating the annual quarry license certification submitted by Holcim Mid-Atlantic Inc., for the Travilah Quarry, 13900 Piney Meetinghouse Road, Rockville, MD. Quarry Licenses are granted for three years with the requirement the licensee must file an annual certification updating the information in the most recent license application in the years between renewals.

Certification and related documents are available for public inspection and can be viewed on the Department's website by visiting the Quarry Questions page at:
<https://www.montgomerycountymd.gov/DEP/contact/quarry.html>.

The Department will receive written comments on the completeness and accuracy of the certification for 14 days after publication of this notice. On request of any interested party during the 14-day comment period, the Department must conduct an information meeting within 30 days to receive public comments upon the completeness and accuracy of the certification.

Written comments, questions or requests to examine documents may be directed to Steve Martin, DEP/ECCD, 2425 Reedy Dr., 4th Floor, Wheaton, MD, 20902. Telephone 240-777-7746 or email steve.martin@montgomerycountymd.gov.

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

To: Steve Martin
From: Tim Bevard
Date: December 20, 2023
Subject: Travilah Quarry License Re-Certification Documentation

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Enclosed please find the following documents for recertification of the Quarry License:

1. Surface Mining License No. SL-0607, expiration date 12-31-23.
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, 2027.
4. Annual Emissions Certification and Toxic Air Pollutants Emission Certification Report for 2022 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 10/01/22 through 9/30/23.
7. Blasting Area and Site Plan Map updated by Rodgers Consulting, Inc. dated 03-03-23.
8. Particulate Control Plan dated December 7, 2023.
9. Certificate of Insurance for general liability, automobile liability, and workers compensation and employer's liability for the period 10/01/23 through 10/01/24.
10. Copy of Performance Bond for Quarry License, Bond Number 929517725 in the sum of \$100,735.00 and the current verification of bond in force Exp. 01-06-25.
11. Seismograph Records as submitted to the Maryland Department of the Environment including the Vibration and Air Overpressure data for the time period November 1, 2022 through November 30, 2023.
12. Montgomery County, Department of Permitting Services, Sediment Control Permit No. 203770, expiration date 08-01-24.



Mid-Atlantic Region

December 20, 2023

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

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

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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

Corey Johnson
Vice President – Aggregate Division

Enclosures



State of Maryland
Department of The Environment
Land and Materials Administration



2023

SURFACE MINING LICENSE

NUMBER SL-0607

EXPIRATION DECEMBER 31, 2023

This is to certify that

BARDON, INC.

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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

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

PERMIT EFFECTIVE DATE: June 14, 1977

PERMIT EXPIRATION DATE: March 31, 2025

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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

Ben Grumbles, Secretary
Horacio Tablada, Deputy Secretary

September 18, 2020

Mr. Stephan Ward
Bardon Inc
6401 Golden Triangle Drive, Suite 400
Greenbelt, MD 20770

RE: Travilah Quarry
No. 77-SP-0061
Surface Mine Permit Renewal

Dear Mr. Ward:

Enclosed please find the Renewal of Surface Mine Permit No. 77-SP-0061. The review of this renewal has been completed pursuant to Title 15, Subtitle 8 of the Environment Article §5-204, Annotated Code of Maryland and COMAR 26.21.01.01 through .30.

You are authorized to conduct surface mining at the site described in the permit. Please become familiar with all conditions attached to the permit.

Your cooperation throughout the process has been appreciated. Please call me if you have any questions at (410) 537-3557.

Sincerely,

A handwritten signature in black ink that reads "Molly Michaelson".

Molly Michaelson, Division Chief
Mining Program

Enclosure

Larry Hogan
Governor

State of



Horacio Tablada
Secretary

Maryland

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Environmental Protection

DEPARTMENT OF THE ENVIRONMENT

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

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Environmental Protection

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

[Signature]
Program Manager

[Signature]
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;	1973 (like kind replacement in 2007)
	- One (1) 900 TPH Symons 7' Standard Cone secondary crusher equipped with a baghouse;	1973 (like kind replacement in 2022)
	- One (1) 350 TPH Svedala H6000 tertiary crusher equipped with a baghouse;	2003
	- One (1) 350 TPH Sandvik CH660 tertiary crusher equipped with a baghouse;	2007
	- 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);	2007
	- 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);	2008 (like kind)
- One (1) 800 TPH Deister 6' x 16' 2 Deck screener equipped with a wet suppression system (subject to		

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	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,

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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.

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- (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.

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- (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.

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- (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;

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- (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]**

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- (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.
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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.



Via email: mdeair.ECR@maryland.gov
Copy to: Andrew.benal@maryland.gov

March 21, 2023

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

Attention: MDE Compliance Program

Re: 2022 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 301-580-5206 or by e-mail tim.bevard@holcim.com.

Sincerely,

Corey Johnson
Vice President/GM

enclosure

RECEIVED

~~DEC 26 2024~~

Environmental Protection

RECEIVED

DEC 26 2023

Environmental Protection

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: 2022

A. FACILITY IDENTIFICATION		Do Not Write in This Space		
Facility Name: Aggregate Industries - Rockville Quarry		Date Received Regional:		
Address: 13900 Piney Meetinghouse Road		Date Received State:		
City: Rockville	County: Montgomery	Zip Code: 20850	AIRS Code:	
B. Briefly Describe the Major Function of the Facility Quarry Operation and Concrete Batching			FINDS Code:	
			SIC Code:	
			Facility Number:	
			Source Latitude and Longitude:	
C. SEASONAL PRODUCTION (if applicable)			Reviewed:	
Winter (Dec.- Feb.) 9%	Spring (Mar.- May) 31%	Summer (Jun.- Aug.) 31%	Fall (Sep.- Nov.) 29%	Name: _____ Date: _____
D. Explain any increase /Decrease in Emissions From Previous Calendar Year for Each Registration at this Facility. Emissions vary with production and weather conditions				
E. CONTROL DEVICE INFORMATION (for Nox and VOC sources only)				
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.

Corey Johnson	General Manager	03-21-23
Name (Print/Type)	Title	Date
<i>Corey Johnson</i>		(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: 2022

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			S	0.02483	0.17303	12	n/a	n/a	6	52	287	0.20764				C-3
031-0528-4-1418	10-20-0502	Heating Oil	F													
			S													
			F													
			S													
			F													
			S													
			F													
			S													
			F													
			S													
			F													
			S													
			F													
			S													
			F													
			S													
			F													
TOTAL				0.02483	0.17303							0.20764				

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: SOX CALENDAR YEAR: 2022

Equipment Description Registration No.	SCC Number	Fuel	S	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
Water Heater 031-0528-4-1418	10-20-0502	Heating Oil	S	0.05363	0.37375	12	n/a	n/a	6	52	287				C-3
			F												
			S												
			F												
			S												
			F												
			S												
			F												
			S												
			F												
			S												
			F												
			S												
			F												
			S												
			F												
			S												
			F												
TOTAL				0.05383	0.37375										

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: CO CALENDAR YEAR: 2022

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	10-20-0502	Heating Oil	S	0.00621	0.04326	12	n/a	n/a	6	52	287				C-3
031-0528-4-1418			F												
			S												
			F												
			S												
			F												
			S												
			F												
			S												
			F												
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			S												
			F												
			S												
			F												
			S												
			F												
TOTAL				0.00621	0.04326										

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: 2022

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	0.00031	0.00218	12	n/a	n/a	6	52	287	0.00262				C-3
			F													
			S													
			F													
			S													
			F													
			S													
			F													
			S													
			F													
			S													
			F													
			S													
			F													
			S													
			F													
			S													
			F													
			S													
			F													
TOTAL				0.00031	0.00218							0.00262				

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

EMISSIONS CERTIFICATION REPORT
Particulate Matter

CALENDAR YEAR: 2022

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	3-05-020-01		S									287	C-3
031-0528-6-0045			F	0.550	3.840	0.270	1.890						
1 - 900 TPH Screen	3-05-020-02		S									287	C-3
			F	1.010	7.030	0.340	2.370	0.020	0.160				
Secondary Crusher	3-05-050-02		S									287	C-3
			F	0.440	3.070	0.220	1.510						
3 - 375 TPH Screens	3-05-020-21		S									287	C-3
			F	0.480	3.380	0.160	1.140	0.010	0.080				
1 - 350 TPH Tertiary	3-05-020-03		S									287	C-3
			F	0.130	0.920	0.060	0.450						
2 - 350 TPH Tertiary	3-05-020-03		S									287	C-3
			F	0.310	2.150	0.150	1.080						
3 - 375 TPH Screens	30-50-2021		S									287	C-3
			F	0.320	2.250	0.110	0.760	0.010	0.050				
Concrete Batching	3-05-011-10		S									287	C-3
031-0528-6-0607			F	0.820	5.710	0.230	1.600	0.040	0.280				
Pug Mill	3-05-020-32		S									287	C-3
031-0528-6-0861			F	0.050	0.340								
Buell Classifier	3-05-038-12	Did Not Operate	S									287	C-3
031-0528-6-0045			F	0.000	0.000	0.000	0.000	0.000	0.000				
TOTAL				4.110	28.690	1.540	10.780	0.080	0.570				

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

**EMISSIONS CERTIFICATION REPORT
Particulate Matter**

CALENDAR YEAR: 2022

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 Condensable		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	0.00248	0.01730	0.00134	0.00934	0.00103	0.00718	0.00161	0.01125	287	C-3
			F										
			S										
			F										
			S										
			F										
			S										
			F										
			S										
			F										
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			F										
			S										
			F										
TOTAL				0.00248	0.01730	0.00134	0.00934	0.00103	0.00718	0.00161	0.01125		

S- Stack Emissions

F- Fugitive Emissions

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

TQSD- 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: 2022

Equipment Description/ Registration Number	Actual Emissions		Control Device**	% Efficiency
	Lbs/hour	Tons/Yr		
-----	None			

TOTALS	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 = Adsorbition, O = Other

FORM 5

**BILLABLE TOXIC AIR POLLUTANTS
EMISSIONS CERTIFICATION REPORT**

Facility Name: Rockville Crushed Stone Facility ID#: 031-00528 Pollutant: NONE Calendar Year: 2022

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			
TOTALS			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 calculated 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

Calendar Year: 2022

EMISSIONS CERTIFICATION REPORT

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	27.685	192.929	16.077

TOTALS	27.685	192.929	16.077

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: 2022

EMISSIONS CERTIFICATION REPORT

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	0.00027	0.00187	0.00016

TOTALS	0.00027	0.00187	0.00016

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: 2022

EMISSIONS CERTIFICATION REPORT

Facility Name: Rockville Batch Plant

Facility ID: 031-00528

Pollutant: N2O

Actual Emissions	Actual Emissions		
Equipment Description/ Registration Number ¹	Tons/yr	Lbs/day	Lbs/hr
Water Heater 031-0528-4-1418	0.00032	0.00225	0.00019

TOTALS	0.00032	0.00225	0.00019

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.

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

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.

¹ 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: PFCs

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

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.**

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

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.

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

**Rockville Quarry
Year 2022 Totals**

3/16/2023

Crushing Plant

	Production (tons)	Days Worked
January	11,559	23
February	50,555	22
March	105,243	25
April	84,096	24
May	95,049	25
June	96,555	25
July	83,896	22
August	107,274	26
September	101,201	25
October	101,717	24
November	57,901	25
December	22,289	21
Total	917,334	287

Winter Production	84,403	9.2%
Spring Production	284,388	31.0%
Summer Production	287,725	31.4%
Fall Production	260,819	28.4%

Pug Mill

	Production (tons)	Days Worked
January	9,518	23
February	16,588	22
March	14,806	25
April	15,281	24
May	11,097	25
June	16,301	25
July	18,413	22
August	17,549	26
September	17,141	25
October	11,539	24
November	11,026	25
December	5,288	21
Total	164,546	287

Concrete Batch Plant

Batch Plant

	Production (Cubic Yards)	Days Worked
January	0	23
February	615	22
March	594	25
April	0	24
May	0	25
June	10	25
July	0	22
August	3,424	26
September	2,480	25
October	1,126	24
November	0	25
December	0	21
Total	8,248	287

Winter Production	615	7%
Spring Production	594	7%
Summer Production	3,434	42%
Fall Production	3,606	44%

Pug Mill:

Winter Production	31,394	19.1%
Spring Production	41,185	25.0%
Summer Production	52,263	31.8%
Fall Production	39,705	24.1%

Batch Plant

	Boiler Fuel Usage (gallons)	Days Worked (same as RMC)
January	0	23
February	0	22
March	753	25
April	186	24
May	0	25
June	0	25
July	0	22
August	0	26
September	0	25
October	464	24
November		25
December	1,080	21
Total	2,483	287

per Brittany Conley

Holcim-MAR, Inc. aka Aggregate Industries
Rockville Quarry 2022 - MDE Air Permit No. 031-00528

3/16/2023 complete

1-900 TPH Primary Crusher Registration No. 031-0528-6-0045

		Processed		Emissions		
PM factor (controlled)		tons/year	lbs./yr	days	lbs./day	tons/year
0.0012	lbs./ton X	917,334	1,101	287	3.84	0.55

		Processed		Emissions		
PM 10 factor (controlled)		tons/year	lbs./yr	days	lbs./day	tons/year
0.00059	lbs./ton X	917,334	541	287	1.89	0.27

1-900 TPH 8x24 Screen (from Primary Crusher, controlled):

		Processed		Emissions		
PM factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.0022	lbs./ton X	917,334	2,018	287	7.03	1.01

		Processed		Emissions		
PM 10 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00074	lbs./ton X	917,334	679	287	2.37	0.34

		Processed		Emissions		
PM 2.5 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00005	lbs./ton X	917,334	46	287	0.16	0.02

1-900 TPH Secondary Crusher, controlled:

		Processed		Emissions		
PM factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.0012	lbs./ton X	733,867	881	287	3.07	0.44

80% of original production

		Processed		Emissions		
PM 10 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00059	lbs./ton X	733,867	433	287	1.51	0.22

3-375 TPH 8x20 Screens, controlled:

		Processed		Emissions		
PM factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.0022	lbs./ton X	440,320	969	287	3.38	0.48

		Processed		Emissions		
PM 10 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00074	lbs./ton X	440,320	328	287	1.14	0.16

		Processed		Emissions		
PM 2.5 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00005	lbs./ton X	440,320	22	287	0.08	0.01

1-350 TPH Tertiary Crusher, controlled:

		Processed		Emissions		
PM factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.0012	lbs./ton X	220,160	264	287	0.92	0.13

30% from Secondary Crusher

		Processed		Emissions		
PM 10 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00059	lbs./ton X	220,160	130	287	0.45	0.06

2-350 TPH Tertiary Crushers, controlled:

		Processed		Emissions		
PM factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.0012	lbs./ton X	513,707	616	287	2.15	0.31

70% from Secondary Crusher

		Processed		Emissions		
PM 10 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00059	lbs./ton X	513,707	303	287	1.05	0.15

3-375 TPH 8x20 Screens, controlled:

		Processed		Emissions		
PM factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.0022	lbs./ton X	293,547	646	287	2.25	0.32

		Processed		Emissions		
PM 10 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00074	lbs./ton X	293,547	217	287	0.76	0.11

		Processed		Emissions		
PM 2.5 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00005	lbs./ton X	293,547	15	287	0.05	0.01

Concrete Batching Rex Lo-Go Dry Batch Plant / Registration No. 031-0528-6-0607

		Production		Emission														
PM factor (lbs/ton)		(yd ³ /year)	X	Conversion (1.93 tons/cubic yard)	=	lbs./yr	/	days	=	lbs./day	/	lbs/ton	=	tons/day	X	Work days per year	=	tons/year
0.1029	X	8,248	X	1.93	=	1,538	/	287	=	5.71	/	2000	=	0.002854	X	287	=	0.82

		Production		Emission														
PM 10 factor (lbs/ton)		(yd ³ /year)	X	Conversion (1.93 tons/cubic yard)	=	lbs./yr	/	days	=	lbs./day	/	lbs/ton	=	tons/day	X	Work days per year	=	tons/year
0.0288	X	8,248	X	1.93	=	460	/	287	=	1.60	/	2000	=	0.000801	X	287	=	0.23

PM 2.5 factor (lbs/ton)			Conversion (1.93 tons/cubic yard)											Work days per year				
0.0051	X	8,248 (yd ³ /year)	X	1.93	=	82	/	287	=	0.28	/	2000	=	0.000142	X	287	=	0.04

June 2006 edition controlled AP-42 factor

Portable Concrete Crushing 6-0596 N No Production in 2022

PM 10 factor	Processed (tons/year)	Emissions (lbs./yr)	days	lbs./day	tons/year
0.00059 lbs./ton X	0	0	0	0	0

Pug Mill Registration No. 031-0528-0-0861 (Installed 2008)

PM 10 factor	Processed (tons/year)	Emissions (lbs./yr)	days	lbs./day	tons/year
0.00059 lbs./ton X	164,546	97,08	287	0.34	0.05

Buell Classification System (no longer in use 07-22-19 per J. Masser)

PM factor	lbs./ton X	Processed		Emissions		
		tons/year	lbs./yr	days	lbs./day	tons/year
0.0225		0	0.00	287	0.00	0.00

Fines & Dust 10% of Production

PM 10 factor	lbs./ton X	Processed		Emissions		
		tons/year	lbs./yr	days	lbs./day	tons/year
0.0104		0	0.00	287	0.00	0.00

PM 2.5 factor	lbs./ton X	Processed		Emissions		
		tons/year	lbs./yr	days	lbs./day	tons/year
0.0041		0	0.00	287	0.00	0.00

AP-42 Table 11.19.2-4 Emissions Factors for Pulverized Mineral Processing Operations - Classifiers (Dry) with Fabric Filter Control

Registration No. 031-0528-4-1418 for One (1) 2.1 MMBtu/hr No.2 fuel fired water heater
AP-42 factors from MDE Worksheet 3-23-11

Calendar Year: 2021

Site: Rockville Batch Plant Facility No: 031-0528

Instructions

- 1) Find out the total volume of #2 fuel oil delivered to your plant during calendar year and place in orange square.
 - 2) Type equipment description and the MDE Registration number for each boiler in the blue squares.
 - 3) Type the rated million BTU/hour rating for each boiler, fuel usage and operating days in yellow squares.
 - 4) Confirm the EPA AP-42 Emission Factors in the green squares. www.epa.gov/tn/chieff
- To get the SO_x Emission Factor use the following formula: (SO₂ Emission Factor)(%S) + (SO₃ Emission Factor)(%S)

	Registration No./ Equipment	BTU rating for boiler	Days operated	Gallons of #2 Fuel Oil	PM	SO _x	NO _x	CO	VOC
					(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)
		MM BTU/hr			(lb/1,000 gallons)	(lb/1,000 gallons)	(lb/1,000 gallons)	(lb/1,000 gallons)	(lb/1,000 gallons)
Plantwide Consumption of Heating Oil				2,483	2	43.2	20	5	0.252
Boiler 1	4-1418	2.1M	287	2,483	0.01730	0.37375	0.17303	0.04326	0.00218
Boiler 2			1		0.00000	0.00000	0.00000	0.00000	0.00000
Boiler 3			1		0.00000	0.00000	0.00000	0.00000	0.00000
Boiler 4			1		0.00000	0.00000	0.00000	0.00000	0.00000
Boiler 5			1		0.00000	0.00000	0.00000	0.00000	0.00000
Totals				2,483	0.01730	0.37375	0.17303	0.04326	0.00218

	Registration No./ Equipment	BTU rating for boiler	Days operated	PM	SO _x	NO _x	CO	VOC
		MM BTU/hr		(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)
Boiler 1	4-1418	2.1M	287	0.00248	0.05363	0.02483	0.00621	0.00031
Boiler 2			1	0.00000	0.00000	0.00000	0.00000	0.00000
Boiler 3			1	0.00000	0.00000	0.00000	0.00000	0.00000
Boiler 4			1	0.00000	0.00000	0.00000	0.00000	0.00000
Boiler 5			1	0.00000	0.00000	0.00000	0.00000	0.00000
Totals				0.00248	0.05363	0.02483	0.00621	0.00031

	Registration No./ Equipment	BTU rating for boiler	Days operated	Gallons of #2 Fuel Oil	PM ₁₀	PM _{2.5}	Cond PM	Methane	CO ₂	N ₂ O	
					(lbs/day) flt	(lbs/day) flt	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)	
Plantwide Consumption of Heating Oil					2,483	1.08	0.93	1.3	0.216	22,300	1.26
Boiler 1	4-141E	2.1M	287	2,483	0.00934	0.00718	0.01125	0.00187	192.92997	0.00225	
Boiler 2	0	0	1	0	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
Boiler 3	0	0	1	0	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
Boiler 4	0	0	1	0	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
Boiler 5	0	0	1	0	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
Totals				2,483	0.00934	0.00718	0.01125	0.00187	192.92997	0.00225	

	Registration No./ Equipment	BTU rating for boiler	Days operated	PM ₁₀	PM _{2.5}	Cond PM	Methane	CO ₂	N ₂ O	
				(tons/yr) flt	(tons/yr) flt	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)	
Plantwide Consumption of Heating Oil				2,483	1.08	0.93	1.3	0.216	22,300	1.26
Boiler 1	4-141E	2.1M	287	0.00134	0.00103	0.00161	0.00027	27.68545	0.00032	
Boiler 2	0	0	1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
Boiler 3	0	0	1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
Boiler 4	0	0	1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
Boiler 5	0	0	1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
Totals				0.00134	0.00103	0.00161	0.00027	27.68545	0.00032	

Total Emissions From All Sources: 33.52 tons

Emissions Equation for Concrete Batching

E = Emission factor
k = particle size multiplier from chart
U = wind speed at material drop point (mph)
a = exponent from chart
M = Minimum moisture (% by weight) of cement and cement supplement
b = exponent from chart
c = constant from chart

For Truck Mix Operations (dry batch plant) - controlled with baghouse

U = 5
a = 1.75
M = 0.1
b = 0.3
c = 0.00078

E = 0.005124 emission factor for PM 2.5 for dry batch

SCC (Source Classification Code) Number

dry mix concrete = 3-05-011-10
boiler <100 MM Btu/hr = 1-02-005-02
Pug Mill = 3-05-020-32
Primary Crusher = 3-05-020-01
Secondary Crusher = 3-05-020-02
Tertiary Crusher = 3-05-020-03
Primary Screening = 3-05-020-02
Secondary Screening = 3-05-020-21
Classifier = 3-05-038-12



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

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Environmental Protection

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 ^(a)	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 ≤ 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) - $[68\text{F}$ (Use III) or $\leq 75\text{F}$ (Use IV)]. If the result is ≤ 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 ≤ 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			
Flow		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. 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 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

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	Major: No	Permittee Address: 8401 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 10/01/22 to 12/31/22	DMR Due Date: 01/28/23	Status: NetDMR Validated
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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	Quantity or Loading				Quality or Concentration				Ref. Ex.	Frequency of Analysis	Sample Type	
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Qualifier 4				Value 4
00530	Solids, total suspended	1 - Effluent Gross	0	-	-												
						Sample Permit Req					5.9		18 - mg/L	01/90 - Quarterly	GR - GRAB		
						Value NOD					Req Mon QRTR AVG		18 - 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	3613223.0

Report Last Saved By

BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@eaest.com
Date/Time: 2023-01-27 09:58 (Time Zone: -05:00)

Report Last Signed By

User: CARROLLJAMES1
Name: James Carroll
E-Mail: james.carroll@holcim.com
Date/Time: 2023-01-28 08:35 (Time Zone: -05:00)

RECEIVED

~~DEC 26 2024~~

Environmental Protection

RECEIVED

DEC 26 2023

Environmental Protection

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 External Outfall	Discharge: 001-E4 Wastewater Effluent Limits 15MM1365	

Report Dates & Status	Monitoring Period: From 10/01/22 to 10/31/22	DMR Due Date: 01/28/23	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	Permit NODI	Quantity of 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				
00400	pH	1 - Effluent Gross	0	--		=	7.7		=	7.7		=	7.7	12 - SU	01/30 - Monthly	GR - GRAB
						>=	6.0 DAILY MN		<=	9.0 DAILY MX				12 - SU	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	1	--		=	7.7		=	7.7		=	7.7	12 - SU	01/30 - Monthly	GR - GRAB
						>=	8.5 MO AV MN		<=	8.5 MO AVG				12 - SU	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--					=	6.2		=	6.3	19 - mg/L	01/30 - Monthly	GR - GRAB
									<=	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	--								<=	15.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--		=	327409.0	=	327409.0	07 - gal/d					01/30 - Monthly	MS - MEASRD
							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

Attachment	Name	Type	Size
Attachment.pdf		pdf	3613223.0

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

User:	ASHTONALBAN
Name:	Ashton Alban
E-Mail:	aalban@eaest.com
Date/Time:	2023-01-27 09:48 (Time Zone: -05:00)

RECEIVED
DEC 31 2022
RECEIVED
DEC 31 2022
RECEIVED

Report Last Signed By

User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@holdcm.com
Date/Time:	2023-01-28 08:35 (Time Zone: -05:00)

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 11/01/22 to 11/30/22	DMR Due Date: 01/28/23	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	Permit 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							
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req.		=	8.1		=	8.1		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.		=	8.1		=	8.1		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.				=	6.0	=	6.1		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.									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.	=	332142.0	=	332142.0	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	3613223.0

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

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@eaest.com
Date/Time: 2023-01-27 09:50 (Time Zone: -05:00)

Report Last Signed By

User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@holdcm.com
Date/Time:	2023-01-28 08:35 (Time Zone: -05:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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 12/01/22 to 12/31/22		DMR Due Date: 01/28/23		Status: NetDMR Validated	
----------------------------------	--	---	--	-------------------------------	--	---------------------------------	--

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

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

No Data Indicator (NODI)
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quantity or Concentration			Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req	=	8.3		=	8.3		12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI	>=	6.0 DAILY MN		<=	9.0 DAILY MX	12 - SU			
00400	pH	1 - Effluent Gross	1	-	Sample Permit Req	=	8.3		=	8.3		12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI	>=	6.5 MO AV MN		<=	8.5 MO AVG	12 - SU			
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req			=	5.6	=	5.6	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI			<=	30.0 MX MO AV	<=	60.0 DAILY MX	19 - mg/L		
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	=	342825.0	=	342825.0		07 - gal/d	01/30 - Monthly	MS - MEASRD	
					Value NODI	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 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

Name	Type	Size
Attachment.pdf	pdf	3613223.0

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

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@easst.com
Date/Time: 2023-01-27 09:54 (Time Zone: -05:00)

Report Last Signed By

User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@holcim.com
Date/Time:	2023-01-28 08:35 (Time Zone: -05:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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-E5 Wastewater Effluent Limits 15MM1365			

Report Dates & Status					
Monitoring Period: From 10/01/22 to 10/31/22	DMR Due Date: 01/28/23	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	Sample Permit Req. Value 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			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--		327409.0		327409.0		07 - gal/d						01/30 - Monthly	MS - MEASRD
						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	3613223.0

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

Report Last Signed By

User: ASHTONALBAN	Name: Ashton Alban	E-Mail: aalban@eaest.com	Date/Time: 2023-01-27 09:46 (Time Zone: -05:00)
User: CARROLLJAMES1	Name: James Carroll	E-Mail: james.carroll@holcim.com	Date/Time: 2023-01-28 08:35 (Time Zone: -05:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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-E5 Wastewater Effluent Limits 15MM1365			

Report Dates & Status

Monitoring Period: From 11/01/22 to 11/30/22	DMR Due Date: 01/28/23	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			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	332142.0		332142.0	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	3613223.0

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

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@eaest.com
Date/Time: 2023-01-27 09:49 (Time Zone: -05:00)

Report Last Signed By
User: CARROLLJAMES1
Name: James Carroll
E-Mail: james.carroll@hotcim.com
Date/Time: 2023-01-28 08:35 (Time Zone: -05:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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-E5 Wastewater Effluent Limits 15MM1365			

Report Dates & Status
Monitoring Period: From 12/01/22 to 12/31/22 | **DMR Due Date:** 01/28/23 | **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: Ciow

No Data Indicator (NODI)
 Form NODI: --

Code	Parameter Name	Monitoring Location	Sector #	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			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	342825.0	=	342825.0	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	3613223.0

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

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: ea1ban@eaest.com
Date/Time: 2023-01-27 09:52 (Time Zone: -05:00)

Report Last Signed By
User: CARROLLJAMES1
Name: James Carroll
E-Mail: james.carroll@holcim.com
Date/Time: 2023-01-28 08:35 (Time Zone: -05:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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 10/01/22 to 12/31/22 | **DMR Due Date:** 01/28/23 | **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	Season	Permit NODI	Sample Permit Req Value 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 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3			
00530	Solids, total suspended	EG - Effluent Gross	0	--					5.9			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	3613223.0

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

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@eaest.com
Date/Time: 2023-01-27 09:57 (Time Zone: -05:00)

Report Last Signed By
User: CARROLLJAMES1
Name: James Carroll
E-Mail: james.carroll@holcim.com
Date/Time: 2023-01-28 08:35 (Time Zone: -05:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)	Facility: ROCKVILLE QUARRY & READY MIX CONCRETE
Permit #: MDG491365	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 15MM 1365	

Report Dates & Status	
Monitoring Period: From 01/01/23 to 03/31/23	DMR Due Date: 04/28/23
	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
Last Name: Clow	Telephone: 301-982-1400

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	Value 3				Units	
00530	Solids, total suspended	1 - Effluent Gross	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

Name	Type	Size
Attachment.pdf	pdf	5908271.0

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

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@eaast.com
Date/Time: 2023-04-26 14:52 (Time Zone: -04:00)

Report Last Signed By

User: CARROLLJAMES1
Name: James Carroll
E-Mail: james.carroll@holcim.com
Date/Time: 2023-04-27 17:56 (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 01/01/23 to 01/31/23** | DMR Due Date: **04/28/23** | 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	Sample Permit Req.	Quantity or Loading				Quantity 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.	=	7.5				=	7.5		12 - SU	01/30 - Monthly	GR - GRAB			
						>=	6.0 DAILY MN			<=	9.0 DAILY MX		12 - SU						
						Value NODI													
00400	pH	1 - Effluent Gross	1	--	Sample Permit Req.	=	7.5			=	7.5		12 - SU	01/30 - Monthly	GR - GRAB				
						>=	6.5 MO AV MN			<=	8.5 MO AVG		12 - SU						
						Value NODI													
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.					=	1.95	=	2.0	19 - mg/L	01/30 - Monthly	GR - GRAB			
										<=	30.0 MX MO AV	<=	60.0 DAILY MX				19 - mg/L		
						Value NODI													
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.	=	2860000.0	=	2880000.0	07 - gal/d					01/30 - Monthly	MS - MEASRD			
							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	5908271.0

Report Last Saved By
BARDON, INC. (DBA AGGREGATE INDUSTRIES)
 User: **ASHTONALBAN**
 Name: **Ashton Alban**
 E-Mail: **aalban@aaest.com**
 Date/Time: **2023-04-26 14:45 (Time Zone: -04:00)**

Report Last Signed By

User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@holcim.com
Date/Time:	2023-04-27 17:56 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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 02/01/23 to 02/28/23	DMR Due Date: 04/28/23	Status: NetDMR Validated
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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	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	Qualifier 3	Value 3						
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.	=	7.6			<=	8.1	12 - SU		01/30 - Monthly	GR - GRAB		
						>=	6.0 DAILY MN	<=	9.0 DAILY MX	12 - SU	01/30 - Monthly	GR - GRAB					
						Value NODI											
00400	pH	1 - Effluent Gross	1	--	Sample Permit Req.	=	7.98			=	7.98	12 - SU		01/30 - Monthly	GR - GRAB		
						>=	6.5 MO AV MN	<=	8.5 MO AVG	12 - SU	01/30 - Monthly	GR - GRAB					
						Value NODI											
X 00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.			=	25.03	=	75.0	19 - mg/L		01/30 - Monthly	GR - GRAB		
								<=	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 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.	=	3096000.0	=	3096000.0			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

Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
00530	Solids, total suspended	1 - Effluent Gross	Quality or Concentration Sample Value 3	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	5908271.0

Report Last Saved By
 BARDON, INC. (DBA AGGREGATE INDUSTRIES)
User: CARROLLJAMES1

Name: James Carroll
E-Mail: james.carroll@holcim.com
Date/Time: 2023-04-28 08:49 (Time Zone: -04:00)

Report Last Signed By

User: CARROLLJAMES1
Name: James Carroll
E-Mail: james.carroll@holcim.com
Date/Time: 2023-04-28 08:49 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	Major: No	Permittee Address: 8401 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 03/01/23 to 03/31/23		DMR Due Date: 04/28/23		Status: NetDMR Validated	
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Considerations for Form Completion
SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS

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

No Data Indicator (NOD):
Form NOD1: -

Code	Parameter Name	Monitoring Location	Season #	Param. NOD1	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	Qualifier 3	Value 3
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req.		=	7.8				=	7.8		12 - SU	01/30 - Monthly	GR - GRAB			
							>=	6.0 DAILY MN				<=	9.0 DAILY MX		12 - SU	01/30 - Monthly	GR - GRAB			
							Value NOD1													
00400	pH	1 - Effluent Gross	1	-	Sample Permit Req.		=	7.8				=	7.8		12 - SU	01/30 - Monthly	GR - GRAB			
							>=	6.5 MO AV MN				<=	8.5 MO AVG		12 - SU	01/30 - Monthly	GR - GRAB			
							Value NOD1													
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req.						=	13.5	=	14.0		19 - mg/L	01/30 - Monthly	GR - GRAB		
											<=	30.0 MX MO AV		<=	60.0 DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB	
							Value NOD1													
03582	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req.											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	-	Sample Permit Req.	=	2880000.0	=	2680000.0	07 - gal/d							01/30 - Monthly	MS - MEASRD		
							Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d									01/30 - Monthly	MS - MEASRD
							Value NOD1													

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	5908271.0

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

User: ASHTONALBAN	Name: Ashton Alban
E-Mail: aalban@eeest.com	Date/Time: 2023-04-26 14:51 (Time Zone: -04:00)

Report Last Signed By

User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@holcim.com
Date/Time:	2023-04-27 17:56 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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-E5 Wastewater Effluent Limits 15MM1365			

Report Dates & Status					
Monitoring Period: From 01/01/23 to 01/31/23	DMR Due Date: 04/28/23	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 of Loading				Units	Quantity of Decrementation			# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2		Qualifier 1	Value 1	Qualifier 2			
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	=	2880000.0	=	2680000.0	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	5908271.0	

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

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@eaast.com
Date/Time: 2023-04-26 14:45 (Time Zone: -04:00)

Report Last Signed By	
User: CARROLLJAMES1	
Name: James Carroll	
E-Mail: james.carroll@holcim.com	
Date/Time: 2023-04-27 17:56 (Time Zone: -04:00)	

DMR Copy of Record

Permit

Permit #:	MDG491385	Permittee:	BARDON, INC. (DBA AGGREGATE INDUSTRIES)	Facility:	ROCKVILLE QUARRY & READY MIX CONCRETE
Major:	None	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-E5 Wastewater Effluent Limits 15MM1365		

Report Dates & Status

Monitoring Period:	From 02/01/23 to 02/28/23	DMR Due Date:	04/28/23	Status:	NetDMR Validated
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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 (NDDI)

Code	Parameter Name	Monitoring Location	Season	Param. NDDI	Quantity or Loading			Quantity or Concentration			# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Unit 1	Qualifier 2	Unit 2	Unit 3	Qualifier 1				Value 1
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample =	3096000.0	=	3096000.0	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 NDDI									

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	5908271.0

Report Last Saved By

BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User:	ASHTONALBAN
Name:	Ashton Alban
E-Mail:	aalban@eaest.com
Date/Time:	2023-04-26 14:47 (Time Zone: -04:00)

Report Last Signed By

User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@holcim.com
Date/Time:	2023-04-27 17:56 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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-E5 Wastewater Effluent Limits 15MM1365				

Report Dates & Status		Monitoring Period: From 03/01/23 to 03/31/23		DMR Due Date: 04/28/23		Status: NetDMR Validated	
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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	Quantity or Loading				Quantity or Concentration				# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Qualifier 3			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	2880000.0		2880000.0	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 NOD										

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	5908271.0

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

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@eaest.com
Date/Time: 2023-04-26 14:50 (Time Zone: -04:00)

Report Last Signed By

User: CARROLLJAMES1
Name: James Carroll
E-Mail: james.carroll@holcim.com
Date/Time: 2023-04-27 17:56 (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 01/01/23 to 03/31/23	DMR Due Date: 04/28/23	Status: NetDMR Validated
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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	Param. NODI	Sample Permit Risk Value 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			
00530	Solids, total suspended	EG - Effluent Gross	0	--						19.3		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	5908271.0

Report Last Saved By

BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User:	ASHTONALBAN
Name:	Ashton Alban
E-Mail:	aalban@eaest.com
Date/Time:	2023-04-26 14:49 (Time Zone: -04:00)

Report Last Signed By

User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@holcim.com
Date/Time:	2023-04-27 17:56 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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-J3 Wastewater Effluent Limits 15MM1365			

Report Dates & Status		Monitoring Period: From 01/01/23 to 01/31/23		DMR Due Date: 04/28/23		Status: NotDMR Validated	
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Considerations for Form Completion

MINERAL MINES AND DRESSING

Principal Executive Officer

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

No Data Indicator (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			=	7.5	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					=	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	1	-	Sample					=	1.95			=	2.0	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req					<=	45.0 MX MO AV			<=	60.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI													
00530	Solids, total suspended	EG - Effluent Gross	0	-	Sample					=	1.95			=	2.0	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req					<=	30.0 MX MO AV			<=	66.0 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	=	2880000.0	=	2880000.0	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	5908271.0

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

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@eaest.com
Date/Time: 2023-04-26 14:45 (Time Zone: -04:00)

Report Last Signed By
User: CARROLLJAMES1
Name: James Carroll
E-Mail: james.carroll@holcim.com
Date/Time: 2023-04-28 08:54 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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-J3 Wastewater Effluent Limits 15MM1365			

Report Dates & Status		Monitoring Period: From 02/01/23 to 02/28/23	DMR Due Date: 04/28/23	Status: NetDMR Validated
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Considerations for Form Completion
MINERAL MINES AND DRESSING

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

No Data Indicator (NODI)
Form NODI: -

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Sample Permit Req.	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			
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req.	=	7.5				=	8.1	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.	=	7.98				=	7.98	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	1	-	Sample Permit Req.	=	25.03				=	75.0	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI	<=	45.0 MX MO AV				<=	60.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
X 00530	Solids, total suspended	EG - Effluent Gross	0	-	Sample Permit Req.	=	25.03				=	75.0	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI	<=	30.0 MX MO AV				<=	66.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req.	=	3096000.0				=	3096000.0	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

Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
00530	Solids, total suspended	EG - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
00530	Solids, total suspended	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments
Reviewed and determined issue occurred during maintenance activity.

Attachments

Name	Type	Size
Attachment.pdf	pdf	5908271.0

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

User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@holcim.com
Date/Time:	2023-05-06 08:04 (Time Zone: -04:00)

Report Last Signed By
User: CARROLLJAMES1

Name: James Carroll
E-Mail: james.carroll@holcim.com
Date/Time: 2023-05-06 08:04 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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-J3 Wastewater Effluent Limits 15MM1365				

Report Dates & Status		
Monitoring Period: From 03/01/23 to 03/31/23	DMR Due Date: 04/28/23	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	Season #	Param. NODI	Sample Permit Req.	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
00400	pH	1 - Effluent Gross	0	--	Sample	=	7.8				=	7.8		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	=	7.8				=	7.8		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	1	--	Sample						=	13.5	=	14.0	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.						<=	45.0 MX MO AV	<=	60.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI												
00530	Solids, total suspended	EG - Effluent Gross	0	--	Sample						=	13.5	=	14.0	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.						<=	30.0 MX MO AV	<=	66.0 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	=	2880000.0	=	2880000.0	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	5908271.0

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

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@esest.com
Date/Time: 2023-04-26 14:49 (Time Zone: -04:00)

Report Last Signed By
User: CARROLLJAMES1
Name: James Carroll
E-Mail: james.carroll@holcim.com
Date/Time: 2023-04-28 08:54 (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-J6 Wastewater Effluent Limits 15MM1365	

Report Dates & Status

Monitoring Period: From 01/01/23 to 01/31/23	DMR Due Date: 04/28/23	Status: NetDMR Validated
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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 #	Param. NODI	Quantity or Loading				Quality or Concentration			# of Exc.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	2880000.0		2880000.0	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	5908271.0

Report Last Saved By

BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User: ASHTONALBAN

Name: Ashton Alban

E-Mail: aalban@eaest.com

Date/Time: 2023-04-28 14:43 (Time Zone: -04:00)

Report Last Signed By

User: CARROLLJAMES1

Name: James Carroll

E-Mail: james.carroll@holcim.com

Date/Time: 2023-04-28 08:54 (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:	8401 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-J6 Wastewater Effluent Limits 15MM1365		

Report Dates & Status

Monitoring Period:	From 02/01/23 to 02/28/23	DMR Due Date:	04/28/23	Status:	NetDMR Validated
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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	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			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	3096000.0	=	3096000.0	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	5908271.0

Report Last Saved By

BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User:	ASHTONALBAN
Name:	Ashton Alban
E-Mail:	aalban@easest.com
Date/Time:	2023-04-26 14:46 (Time Zone: -04:00)

Report Last Signed By

User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@holcim.com
Date/Time:	2023-04-28 08:54 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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-J6 Wastewater Effluent Limits 15MM1365			

Report Dates & Status					
Monitoring Period: From 03/01/23 to 03/31/23	DMR Due Date: 04/28/23	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	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
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample =	2880000.0	=	2880000.0	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

Attachment	Name	Type	Size
Attachment.pdf		pdf	5908271.0

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

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@eaest.com
Date/Time: 2023-04-26 14:48 (Time Zone: -04:00)

Report Last Signed By	
User: CARROLLJAMES1	Name: James Carroll
E-Mail: james.carroll@holcim.com	Date/Time: 2023-04-28 08:54 (Time Zone: -04:00)

DMR Copy of Record

Permit

Permit #: MDG491365	Permittee: BARION, 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-L1 Stormwater Benchmarks 15MM1365	

Report Dates & Status

Monitoring Period: From 01/01/23 to 03/31/23	DMR Due Date: 04/28/23	Status: NetDMR Validated
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Considerations for Form Completion

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 Es.	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 Max											
					Value NODI											
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample											
					Permit Max											
					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	5908271.0

Report Last Saved By

BARION, INC. (DBA AGGREGATE INDUSTRIES)

User: ASHTONALBAN
 Name: Ashton Alban
 E-Mail: aalban@eaest.com
 Date/Time: 2023-04-26 14:47 (Time Zone: -04:00)

Report Last Signed By

User: CARROLLJAMES1
 Name: James Carroll
 E-Mail: james.carroll@holcim.com
 Date/Time: 2023-04-26 08:54 (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 04/01/23 to 06/30/23		DMR Due Date:	07/28/23		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	Sample Permit Req	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	Units			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req							11.0	19 - mg/L	01/90 - Quarterly	GR - GRAB
					Value NODI							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															
Attachment.pdf					pdf						4035816.0				
Report Last Saved By															
BARDON, INC. (DBA AGGREGATE INDUSTRIES)															
User:	ASHTONALBAN														
Name:	Ashton Alban														
E-Mail:	aalban@eaesf.com														
Date/Time:	2023-07-28 11:10 (Time Zone: -04:00)														
Report Last Signed By															
User:	CARROLLJAMES1														
Name:	James Carroll														
E-Mail:	james.carroll@holcim.com														
Date/Time:	2023-07-28 17:11 (Time Zone: -04:00)														

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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 15MM1 :65			

Report Dates & Status		Monitoring Period: From 04/01/23 to 04/30/23		DMR Due Date: 07/28/23		Status: NetDMR Validated	
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Considerations for Form Completion
SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS

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

No Data Indicator (NODI)
 Form NODI: -

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity of 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	Qualifier 3					Value 3				
00400	pH	1 - Effluent Gross	0	-	Sample						=	7.9			=	7.9			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						=	7.9			=	7.9			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						=	17.0			=	17.0			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										<=	15.0 DAILY MX			19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.																		
					Value NODI																		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	=	2880000.0	=	2880000.0	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	4035816.0

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

User: ASHTONALBAN	Name: Ashton Alban
E-Mail: aalban@aaest.com	Date/Time: 2023-07-28 11:07 (Time Zone: -04:00)

Report Last Signed By

User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	James.carroll@holidm.com
Date/Time:	2023-07-28 17:11 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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 05/01/23 to 05/31/23	DMR Due Date: 07/28/23	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 (NDDI)
Form NDDI: --

Code	Parameter Name	Monitoring Location	Screen #	Param. NDDI	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	Qualifier 3	Value 3		
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req						=	8.0			=	8.0	12 - SU	01/30 - Monthly	GR - GRAB		
					Value NDDI						>=	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 NDDI						>=	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						=	10.5			=	11.0	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Value NDDI						<=	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 NDDI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req	=	2016000.0	=	2016000.0	07 - gal/d								01/30 - Monthly	MS - MEASRD		
					Value NDDI																
						Req Mon MO AVG		Req Mon DAILY MX		07 - gal/d											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

Attachments

Name	Type	Size
Attachment.pdf	pdf	4035816.0

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

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@east.com
Date/Time: 2023-07-28 11:08 (Time Zone: -04:00)

Report Last Signed By

User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@holdm.com
Date/Time:	2023-07-28 17:11 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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 06/01/23 to 06/30/23		DMR Due Date: 07/28/23		Status: NetDMR Validated	
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Considerations for Form Completion
SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS

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

No Data Indicator (NDDI)
Form NDDI: -

Code	Parameter Name	Monitoring Location	Season	Param. NDDI	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							
00400	pH	1 - Effluent Gross	0	-	Sample					=	8.1	=	8.1	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 NDDI												
00400	pH	1 - Effluent Gross	1	-	Sample					=	8.1	=	8.1	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 NDDI												
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample					=	5.4	=	5.4	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 NDDI												
03562	Oil and grease	1 - Effluent Gross	0	-	Sample									19 - mg/L	01/30 - Monthly	GR - GRAB	
					Permit Req.												
					Value NDDI												
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 NDDI												

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	4035816.0

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

User: ASHTONALBAN	Name: Ashton Alban
E-Mail: aaiban@eaest.com	Date/Time: 2023-07-28 11:09 (Time Zone: -04:00)

Report Last Signed By

User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@holcim.com
Date/Time:	2023-07-28 17:11 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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-E5 Wastewater Effluent Limits 15MM1385				

Report Dates & Status		DMR Due Date: 07/28/23		Status: NetDMR Validated	
Monitoring Period: From 04/01/23 to 04/30/23					

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

Principal Executive Officer		Title: Vice President, General Manager		Telephone: 301-982-1400	
First Name: Chris					
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
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3			
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	--		Sample =	2880000.0	=	2880000.0	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		
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Report Last Saved By
BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@eest.com
Date/Time: 2023-07-28 11:07 (Time Zone: -04:00)

Report Last Signed By
User: CARROLLJAMES1

Name: James Carroll
E-Mail: james.carroll@holdcm.com
Date/Time: 2023-07-28 17:11 (Time Zone: -04:00)

DMR Copy of Record

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

Report Dates & Status	
Monitoring Period:	From 05/01/23 to 05/31/23
DMR Due Date:	07/28/23
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: --

Date	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
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	2016000.0		2016000.0	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	
Attachment1.pdf	pdf	4035816.0	

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

User:	ASHTONALBAN
Name:	Ashton Alban
E-Mail:	aalban@eaest.com
Date/Time:	2023-07-28 11:08 (Time Zone: -04:00)

<i>Report Last Signed By</i>	
User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@holcim.com
Date/Time:	2023-07-28 17:11 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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-E5 Wastewater Effluent Limits 15MM1365			

Report Dates & Status		Monitoring Period: From 06/01/23 to 06/30/23		DMR Due Date: 07/28/23		Status: NetDMR Validated	
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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	Sample Permit No.	Quantity or Loading				Quantity or Concentration				# of Ex.	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-		3168000.0	=	3168000.0	07 - gal/d						01/30 - Monthly	MS - MEASRD
						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

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BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User: ASHTONALBAN
Name: Ashton Alban
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Date/Time: 2023-07-28 11:09 (Time Zone: -04:00)

Report Last Signed By

User: CARROLLJAMES1
Name: James Carroll
E-Mail: james.carroll@holcim.com
Date/Time: 2023-07-28 17:11 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491385	Major: No	Permittee Address: 8401 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 15MM1385			

Report Dates & Status		
Monitoring Period: From 04/01/23 to 06/30/23	DMR Due Date: 07/28/23	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	-				11.0			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	4035816.0

Report Last Saved By
BARDON, INC. (DBA AGGREGATE INDUSTRIES)
User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@eaest.com
Date/Time: 2023-07-28 11:09 (Time Zone: -04:00)

Report Last Signed By
User: CARROLLJAMES1
Name: James Carroll
E-Mail: james.carroll@holcim.com
Date/Time: 2023-07-28 17:11 (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-J3 Wastewater Effluent Limits 15MM1365		

Report Dates & Status

Monitoring Period:	From 04/01/23 to 04/30/23	DMR Due Date:	07/28/23	Status:	NetDMR Validated
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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	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
00400	pH	1 - Effluent Gross	0	-	Sample					=	7.9			=	7.9	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					=	7.9			=	7.9	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	1	-	Sample					=	17.0			=	17.0	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.					<=	45.0 MX MO AV	<=	60.0 DAILY MX	19 - mg/L			01/30 - Monthly	GR - GRAB
					Value NODI													
00530	Solids, total suspended	EG - Effluent Gross	0	-	Sample					=	17.0			=	17.0	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.					<=	30.0 MX MO AV	<=	66.0 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	=	2880000.0	=	2880000.0	07 - gal/d							01/30 - Monthly	MS - MEASRD
					Permit Req.					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

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

User: ASHTONALBAN
 Name: Ashton Alban
 E-Mail: aalban@eaest.com
 Date/Time: 2023-07-28 11:11 (Time Zone: -04:00)

Report Last Signed By
 User: CARROLLJAMES1
 Name: James Carroll
 E-Mail: james.carroll@holcim.com
 Date/Time: 2023-07-28 17:15 (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-J3 Wastewater Effluent Limits 15MM1365		

Report Dates & Status	
Monitoring Period: From 05/01/23 to 05/31/23	DMR Due Date: 07/28/23
	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	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	=	8.0	>=	6.0 DAILY MN	=	8.0	<=	9.0 DAILY MX	12 - SU	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	1	--	Sample Permit Req Value NODI	=	8.0	>=	6.5 MO AV MN	=	8.0	<=	8.5 MO AVG	12 - SU	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	1	--	Sample Permit Req Value NODI	=	10.5	<=	45.0 MX MO AV	=	11.0	<=	60.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	EG - Effluent Gross	0	--	Sample Permit Req Value NODI	=	10.5	<=	30.0 MX MO AV	=	11.0	<=	66.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req Value NODI	=	2016000.0	=	2016000.0	07 - gal/d					01/30 - Monthly	MS - MEASRD
									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

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Attachment.pdf	pdf	4035816.0

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

User: **ASHTONALBAN**
 Name: **Ashton Alban**
 E-Mail: **aalban@eaest.com**
 Date/Time: **2023-07-28 11:13 (Time Zone: -04:00)**

Report Last Signed By
 User: **CARROLLJAMES1**
 Name: **James Carroll**
 E-Mail: **james.carroll@holcim.com**
 Date/Time: **2023-07-28 17:15 (Time Zone: -04:00)**

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491385	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-J3 Wastewater Effluent Limits 15MM1365			
Report Dates & Status					
Monitoring Period: From 06/01/23 to 06/30/23		DMR Due Date: 07/28/23		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 (NDDI)					
Form 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 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00400	pH	1 - Effluent Gross	0	-	Sample					=	8.1				=	8.1	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					=	8.1				=	8.1	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	1	-	Sample					=	5.4				=	5.4	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.					<=	45.0 MX MO AV					<=	60.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI																
00530	Solids, total suspended	EG - Effluent Gross	0	-	Sample					=	5.4				=	5.4	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.					<=	30.0 MX MO AV					<=	66.0 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	=	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																
70013	Temp. difference, summer [deg. F]	1 - Effluent Gross	0	-	Sample												15 - deg F	01/30 - Monthly	CA - CALCTD		
					Permit Req.																
					Value NODI																
74027	Temperature, summer [deg. F]	1 - Effluent Gross	0	-	Sample												15 - deg F	01/30 - Monthly	IT - Immersion Stabilization		
					Permit Req.																
					Value NODI																

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Tracing, 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

4035816.0

Report Last Saved By

BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@eest.com
Date/Time: 2023-07-28 11:14 (Time Zone: -04:00)

Report Last Signed By

User: CARROLLJAMES1
Name: James Carroll
E-Mail: james.carroll@hoicim.com
Date/Time: 2023-07-28 17:15 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	Major: No	Permittee Address: 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	Facility Location: 13800 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850		
Permitted Feature: 001 External Outfall	Discharge: 001-J6 Wastewater Effluent Limits 15MM1365				

Report Dates & Status		Monitoring Period: From 04/01/23 to 04/30/23	DMR Due Date: 07/28/23	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: C'ow		

No Data Indicator (NODI)
Form NODI: -

Code	Parameter Name	Monitoring Location	Season	# Parms	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			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	-	Sample =	2880000.0	=	2880000.0	07 - gal/d					01/30 - Monthly	MS - MEASRD
						Parms 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	4035816.0

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

Report Last Signed By

User: ASHTONALBAN	Name: Ashton Alban	E-Mail: aalban@aaest.com	Date/Time: 2023-07-28 11:15 (Time Zone: -04:00)
User: CARROLLJAMES1	Name: James Carroll	E-Mail: james.carroll@holcim.com	Date/Time: 2023-07-28 17:15 (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-J6 Wastewater Effluent Limits 15MM1365		

Report Dates & Status	
Monitoring Period:	From 05/01/23 to 05/31/23
DMR Due Date:	07/28/23
Status:	Not DMR 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)

Code	Parameter Name	Monitoring Location	Reason #	Param	NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Qualifier 4	Value 4	Qualifier 5	Value 5	Units	# of Ex.	Frequency of Analysis	Sample Type
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		-	Sample	2016000.0		2016000.0	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.

Attachments		
Name	Type	Size
Attachment.pdf	pdf	4035816.0

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

User:	ASHTONALBAN
Name:	Ashton Alban
E-Mail:	aalban@eaest.com
Date/Time:	2023-07-28 11:17 (Time Zone: -04:00)

Report Last Signed By	
User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@holcim.com
Date/Time:	2023-07-28 17:15 (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-J6 Wastewater Effluent Limits 15MM1365		

Report Dates & Status

Monitoring Period:	From 06/01/23 to 06/30/23	DMR Due Date:	07/28/23	Status:	Not DMR Validated
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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:	Ciow				

No Data Indicator (NODI)
 Form NODI: --

Code	Parameter Name	Monitoring Location	Stream #	Param. NODI	Sample Permit Flag	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
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--		3168000.0		3168000.0	07	gal/d				01/30 - Monthly	MS - MEASRD
						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	4035816.0

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

Report Last Saved By

User:	ASHTONALBAN
Name:	Ashton Alban
E-Mail:	aalban@eaest.com
Date/Time:	2023-07-28 11:17 (Time Zone: -04:00)

Report Last Signed By

User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@holcim.com
Date/Time:	2023-07-28 17:15 (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-L1 Stormwater Benchmarks 15MM1365		

Report Dates & Status

Monitoring Period:	From 04/01/23 to 06/30/23	DMR Due Date:	07/28/23	Status:	NetDMR Validated
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Considerations for Form Completion

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	Station #	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				
00400	pH	1 - Effluent Gross	0	--		7.9			8.1		12 - SU	01/90 - Quarterly	GR - GRAB	
						Req Mon QRTR MIN			Req Mon QRTR MAX		12 - SU	01/90 - Quarterly	GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0	--			11.0				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	4035816.0

Report Last Saved By

BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User: ASHTONALBAN
 Name: Ashlon Alban
 E-Mail: aalban@eaest.com
 Date/Time: 2023-07-28 11:18 (Time Zone: -04:00)

Report Last Signed By

User: CARROLLJAMES1
 Name: James Carroll
 E-Mail: james.carroll@ho/cim.com
 Date/Time: 2023-07-28 17:15 (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 07/01/23 to 09/30/23	DMR Due Date: 10/28/23	Status: NetDMR Validated
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Considerations for Form Completion

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

Principal Executive Officer

First Name: Miranda	Title: Environmental Engineer	Telephone: 240-521-8835
Last Name: Schalk		

No Data Indicator (NODI)

Form NODI: **--**

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req. Value 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			
00530	Solids, total suspended	1 - Effluent Gross	0	--		=	13.9			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	2205249.0

Report Last Saved By

BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User: **ASHTONALBAN**
 Name: **Ashton Alban**
 E-Mail: **aalban@eest.com**
 Date/Time: **2023-10-27 13:12 (Time Zone: -04:00)**

Report Last Signed By

User: **MISCHALK**
 Name: **Miranda Schalk**
 E-Mail: **miranda.schalk@holcim.com**
 Date/Time: **2023-10-27 17:47 (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 07/01/23 to 07/31/23	DMR Due Date:	10/28/23
		Status:	NetDMR Validated

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

Principal Executive Officer			
First Name:	Miranda	Title:	Environmental Engineer
Last Name:	Schalk	Telephone:	240-521-8835

No Data Indicator (NODI):
 Form NODI: -

Code	Parameter Name	Monitoring Location	Session #	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	Qualifier 1	Value 1	Qualifier 2				
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req.	=	8.0			=	8.0		12 - SU	01/30 - Monthly	GR - GRAB	
						>=	6.0 DAILY MN	<=	9.0 DAILY MX	12 - SU	01/30 - Monthly	GR - GRAB				
						Value NODI										
00400	pH	1 - Effluent Gross	1	-	Sample Permit Req.	=	8.0			=	8.0	12 - SU	01/30 - Monthly	GR - GRAB		
						>=	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 Permit Req.	=	17.0			=	17.0	19 - mg/L	01/30 - Monthly	GR - GRAB		
						<=	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 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.	=	403848.0	=	403848.0	07 - gal/d			01/30 - Monthly	MS - MEASRD		
						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	2205249.0

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

User:	ASHTONALBAN
Name:	Ashton Alban
E-Mail:	aalban@eaest.com
Date/Time:	2023-10-27 13:01 (Time Zone: -04:00)

Report Last Signed By

User:	MISCHALK
Name:	Miranda Schalk
E-Mail:	miranda.schalk@holcim.com
Date/Time:	2023-10-27 17:38 (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-E5 Wastewater Effluent Limits 15MM1365		

Report Dates & Status

Monitoring Period:	From 07/01/23 to 07/31/23	DMR Due Date:	10/28/23	Status:	NotDMR Validated
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Considerations for Form Completion
SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS

Principal Executive Officer

First Name:	Miranda	Title:	Environmental Engineer	Telephone:	240-521-8835
Last Name:	Schalk				

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
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	403849.0	=	403849.0	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	2205249.0

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

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@east.com
Date/Time: 2023-10-27 13:00 (Time Zone: -04:00)

Report Last Signed By

User: MISCHALK
Name: Miranda Schalk
E-Mail: miranda.schalk@holcim.com
Date/Time: 2023-10-27 17:37 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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-E5 Wastewater Effluent Limits 15MM1365			

Report Dates & Status		
Monitoring Period: From 08/01/23 to 08/31/23	DMR Due Date: 10/28/23	Status: NetDMR Validated

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

First Name: Miranda	Title: Environmental Engineer	Telephone: 240-521-8835
Last Name: Schalk		

No Data Indicator (NODI)
Form NODI: -

Code	Parameter Name	Monitoring Location	Season #	Parent NODI	Quantity or Loading				Quality or Concentration				F 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 Cross	0	-	Sample =	410548.0	=	410548.0	07 - gal/d						01/30 - Monthly	MS - MEASRD
					Permit Req:				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	2205249.0

Report Last Saved By
 BARDON, INC. (DBA AGGREGATE INDUSTRIES)
User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@eaest.com
Date/Time: 2023-10-27 13:04 (Time Zone: -04:00)

Report Last Signed By
User: MISCHALK
Name: Miranda Schalk
E-Mail: miranda.schalk@holcim.com
Date/Time: 2023-10-27 17:40 (Time Zone: -04:00)

DMR Copy of Record

Permit			
Permit #:	MDG491365	Permittee:	BARDON, INC. (DBA AGGREGATE INDUSTRIES)
Major:	No	Permittee Address:	6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770
Permitted Feature:	001 External Outfall	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 09/01/23 to 09/30/23	DMR Due Date:	10/28/23
Status:	NetDMR Validated		

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

Principal Executive Officer			
First Name:	Miranda	Title:	Environmental Engineer
Last Name:	Schalk	Telephone:	240-521-8835

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 1	Quarter 2	Value 2	Units	Quarter 1			
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	419060.0	=	419060.0	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	2205249.0	

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

User:	ASHTONALBAN
Name:	Ashton Alban
E-Mail:	aalban@eaest.com
Date/Time:	2023-10-27 13:10 (Time Zone: -04:00)

Report Last Signed By	
User:	MISCHALK
Name:	Miranda Schalk
E-Mail:	miranda.schalk@holcim.com
Date/Time:	2023-10-27 17:45 (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 07/01/23 to 09/30/23	DMR Due Date: 10/28/23	Status: Not DMR Validated
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Considerations for Form Completion

MINERAL MINES AND DRESSING

Principal Executive Officer

First Name: Miranda	Title: Environmental Engineer	Telephone: 240-521-8835
Last Name: Schalk		

No Data Indicator (NOD)

Form NOD: **--**

Code	Parameter Name	Monitoring Location	Season	# Param. NOD	Sample Permit Req Value NOD	Quantity or Loading			Quantity or Concentration			# of Ex.	Frequency of Analysis	Sample Type
						Qualifier 1 Value 1	Qualifier 2 Value 2	DMR	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3			
00530	Solids, total suspended	EG - Effluent Gross	0	--						13.9	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	2205249.0

Report Last Saved By

BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User: **ASHTONALBAN**
 Name: **Ashton Alban**
 E-Mail: **aalban@eest.com**
 Date/Time: **2023-10-27 13:09 (Time Zone: -04:00)**

Report Last Signed By

User: **MISCHALK**
 Name: **Miranda Schalk**
 E-Mail: **miranda.schalk@holcim.com**
 Date/Time: **2023-10-27 17:45 (Time Zone: -04:00)**

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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-J3 Wastewater Effluent Limits 15MM1365			

Report Dates & Status		Monitoring Period: From 07/01/23 to 07/31/23		DMR Due Date: 10/28/23		Status: NetDMR Validated	
----------------------------------	--	---	--	-------------------------------	--	---------------------------------	--

Considerations for Form Completion

MINERAL MINES AND DRESSING

Principal Executive Officer

First Name: Miranda	Title: Environmental Engineer	Telephone: 240-521-8835
Last Name: Schalk		

No Data Indicator (NOD):

Form NOD: -

Code	Parameter Name	Monitoring Location	Sector #	Param. NOD	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					=	8.0				=	8.0	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 NOD														
00400	pH	1 - Effluent Gross	1	-	Sample					=	8.0			=	8.0	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 NOD														
00530	Solids, total suspended	1 - Effluent Gross	1	-	Sample					=	17.0			=	17.0	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Permit Req.					<=	45.0 MX MO AV			<=	60.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NOD														
00530	Solids, total suspended	EG - Effluent Gross	0	-	Sample					=	17.0			=	17.0	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Permit Req.					<=	30.0 MX MO AV			<=	66.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NOD														
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	=	403849.0	=	403849.0	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 NOD														
70013	Temp. difference, summer [deg. F]	1 - Effluent Gross	0	-	Sample					<=	0.0 MX MO AV				15 - deg F	01/30 - Monthly	CA - CALCTD		
					Permit Req.														
					Value NOD														
74027	Temperature, summer [deg. F]	1 - Effluent Gross	0	-	Sample										15 - deg F	01/30 - Monthly	IT - Immersion Stabilization		
					Permit Req.														
					Value NOD														

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
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Attachment.pdf

pdf

2205249.0

Report Last Saved By

BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@eaest.com
Date/Time: 2023-10-27 12:59 (Time Zone: -04:00)

Report Last Signed By

User: MISCHALK
Name: Miranda Schalk
E-Mail: miranda.schalk@holcim.com
Date/Time: 2023-10-27 17:37 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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-J3 Wastewater Effluent Limits 15MM1365			

Report Dates & Status		Monitoring Period: From 08/01/23 to 08/31/23		DMR Due Date: 10/28/23		Status: NetDMR Validated	
----------------------------------	--	---	--	-------------------------------	--	---------------------------------	--

Considerations for Form Completion

MINERAL MINES AND DRESSING

Principal Executive Officer

First Name: Miranda	Title: Environmental Engineer	Telephone: 240-521-8835
Last Name: Schalk		

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					=	8.0				=	8.0	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					=	8.0				=	8.0	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	1	-	Sample					=	22.0				=	22.0	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.					<=	46.0 MX MO AV					<=	60.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI																
00530	Solids, total suspended	EG - Effluent Gross	0	-	Sample					=	22.0				=	22.0	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.					<=	30.0 MX MO AV					<=	66.0 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		410548.0		410548.0		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																
70013	Temp. difference, summer [deg. F]	1 - Effluent Gross	0	-	Sample												15 - deg F	01/30 - Monthly	CA - CALCTD		
					Permit Req.						<=	0.0 MX MO AV									
					Value NODI																
74027	Temperature, summer [deg. F]	1 - Effluent Gross	0	-	Sample												15 - deg F	01/30 - Monthly	IT - Immersion Stabilization		
					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
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Attachment.pdf

pdf

2205249.0

Report Last Saved By

BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@eaest.com
Date/Time: 2023-10-27 13:04 (Time Zone: -04:00)

Report Last Signed By

User: MISCHALK
Name: Miranda Schalk
E-Mail: miranda.schalk@holcim.com
Date/Time: 2023-10-27 17:40 (Time Zone: -04:00)

DMR Copy of Record

Permit			
Permit #:	MDG491365	Permittee:	BARDON, INC. (DBA AGGREGATE INDUSTRIES)
Major:	No	Permittee Address:	6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770
Permitted Feature:	001 External Outfall	Discharge:	001-J3 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 09/01/23 to 09/30/23	DMR Due Date:	10/28/23
Status:	NetDMR Validated		

Considerations for Form Completion
MINERAL MINES AND DRESSING

Principal Executive Officer			
First Name:	Miranda	Title:	Environmental Engineer
Last Name:	Schalk	Telephone:	240-521-8835

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		
					Quarter 1	Value 1	Quarter 2	Value 2	Units	Quarter 1	Value 1	Quarter 2	Value 2	Quarter 1				Value 1	Quarter 2
00400	pH	1 - Effluent Gross	0	-	Sample					=	8.1			=	8.1	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					=	8.1			=	8.1	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	1	-	Sample					=	2.6			=	2.7	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Permit Req.				<=	45.0 MX MO AV			<=	60.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					Value NODI														
00530	Solids, total suspended	EG - Effluent Gross	0	-	Sample					=	2.6			=	2.7	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Permit Req.				<=	30.0 MX MO AV			<=	66.0 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		419060.0		419060.0		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														
70013	Temp. difference, summer [deg. F]	1 - Effluent Gross	0	-	Sample					<=	0.0 MX MO AV				15 - deg F	01/30 - Monthly	CA - CALCTD		
					Permit Req.														
					Value NODI														
74027	Temperature, summer [deg. F]	1 - Effluent Gross	0	-	Sample										15 - deg F	01/30 - Monthly	IT - Immersion Stabilization		
					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

2205249.0

Report Last Saved By

BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@east.com
Date/Time: 2023-10-27 13:09 (Time Zone: -04:00)

Report Last Signed By

User: MISCHALK
Name: Miranda Schalk
E-Mail: miranda.schalk@holcim.com
Date/Time: 2023-10-27 17:44 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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-J6 Wastewater Effluent Limits 15MM1365				

Report Dates & Status		Monitoring Period: From 07/01/23 to 07/31/23	DMR Due Date: 10/28/23	Status: NetDMR Validated
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Considerations for Form Completion

MINERAL MINES AND DRESSING

Principal Executive Officer

First Name: Miranda	Title: Environmental Engineer	Telephone: 240-521-8835
Last Name: Schalk		

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Sector	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			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	403849.0	Req Mon MO AVG	403849.0	Req Mon DAILY MX 07 - gal/d	07 - gal/d		01/30 - Monthly	MS - MEASRD
												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	2205249.0

Report Last Saved By

BARDON, INC. (DBA AGGREGATE INDUSTRIES)

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@eaast.com
Date/Time: 2023-10-27 12:59 (Time Zone: -04:00)

Report Last Signed By

User: MISCHALK
Name: Miranda Schalk
E-Mail: miranda.schalk@holcim.com
Date/Time: 2023-10-27 17:35 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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-J6 Wastewater Effluent Limits 15MM1365			

Report Dates & Status		Monitoring Period: From 08/01/23 to 08/31/23		DMR Due Date: 10/28/23		Status: NetDMR Validated	
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Considerations for Form Completion

MINERAL MINES AND DRESSING

Principal Executive Officer

First Name: Miranda	Title: Environmental Engineer	Telephone: 240-521-8835
Last Name: Schalk		

No Data Indicator (NODI)

Form NODI: -

Code	Parameter Name	Monitoring Location	Excursions	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			
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	410548.0	=	410548.0	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	2205249.0

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

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@eaest.com
Date/Time: 2023-10-27 13:03 (Time Zone: -04:00)

Report Last Signed By

User: MISCHALK
Name: Miranda Schalk
E-Mail: miranda.schalk@holcim.com
Date/Time: 2023-10-27 17:39 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	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-J6 Wastewater Effluent Limits 15MM1365			

Report Dates & Status		DMR Due Date: 10/28/23		Status: NetDMR Validated	
Monitoring Period: From 09/01/23 to 09/30/23					

Considerations for Form Completion
MINERAL MINES AND DRESSING

Principal Executive Officer

First Name: Miranda	Title: Environmental Engineer	Telephone: 240-521-8835
Last Name: Schalk		

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 1	Quarter 2	Value 2	Units	Quarter 1			
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	419060.0	419060.0	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	2205249.0

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

Report Last Signed By

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@aaest.com
Date/Time: 2023-10-27 13:07 (Time Zone: -04:00)

User: MISCHALK
Name: Miranda Schalk
E-Mail: miranda.schalk@hoicm.com
Date/Time: 2023-10-27 17:43 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE	
Permit #: MDG491365	Major: No	Permittee Address: 8401 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-L1 Stormwater Benchmarks 15MM1365				

Report Dates & Status		Monitoring Period: From 07/01/23 to 09/30/23		DMR Due Date: 10/28/23		Status: NetDMR Validated	
<i>Considerations for Form Completion</i>							

Principal Executive Officer			
First Name: Miranda	Title: Environmental Engineer	Telephone: 240-521-8835	
Last Name: Schalk			

No Data Indicator (NODI)

Form NODI: -

Code	Parameter Name	Monitoring Location	Search #	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					
00400	pH	1 - Effluent Gross	0	-		=	8.0					12 - SU	01/90 - Quarterly	GR - GRAB	
							Req Mon QTRTR MIN					Req Mon QTRTR MAX	12 - SU	01/90 - Quarterly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-					=	13.9		19 - mg/L	01/90 - Quarterly	GR - GRAB	
							Req Mon QTRTR 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	2205249.0	

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

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@east.com
Date/Time: 2023-10-27 13:07 (Time Zone: -04:00)

Report Last Signed By

User: MISCHALK
Name: Miranda Schalk
E-Mail: miranda.schalk@hokcm.com
Date/Time: 2023-10-27 17:42 (Time Zone: -04:00)



VICINITY MAP
SCALE: 1"=2000'

LEGEND

●	PROPERTY MARKER FOUND
○	GUARDRAIL
—	TREE WITH FENCE - W/SE
+	DECK
—	UTILITY POLE
○	STONE PROPERTY MARKER FOUND
○	WOOD OR METAL POST
—	FENCE LINE
—	EXISTING CONC. (CHW)
—	EXISTING WATER LINE

RECEIVED
DEC 26 2023
Environmental Protection

RODGERS CONSULTING

1902 Curtis Parkway, Suite 200, Germantown, Maryland 20878
Tel: 301.261.0700 Fax: 301.261.0200 www.rodgers.com
Owner / Developer:
Aggregates & Industries, Inc.
4401 Golden Triangle Drive
Crownsville, Maryland 21032
Attn: Richard Headman, Tim Barwood
301.982.4500
Civil Engineering:
Rodgers Consulting, Inc.
11801 Century Boulevard, Suite 200
Crownsville, Maryland 20878
301.982.4500
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. EXISTING STRAINS, BOUNDS AND DIMENSIONS SHOWN HEREON WERE TAKEN FROM AERIAL PHOTOGRAPHS ACQUIRED FROM PACIFIC AERIAL MAPPING. DATE OF AERIAL PHOTOGRAPHS: DECEMBER 2018 AND NOVEMBER 2019 FROM THE E.P.L.Y.
2. PROPERTY BOUNDARIES SHOWN WERE FOUND ON SET BY CONNECTION WITH NEARBY SURVEYS OF ADJACENT PROPERTIES.
3. ALL PROPERTY IDENTIFICATION FOUND WAS HELD UNDER OTHERS' BOUNDARY RECORDS.
4. THIS SURVEY IS THE MERGERS OF TWO PLANT COORDINATE SYSTEMS AND IS BASED ON THE COORDINATE SYSTEMS WITH EXTENSIVE ADJUSTMENTS TO THE 2011 NAD 83 DATUM.
5. THE PROPERTY OWNER HAS REPORTED THE FOLLOWING EASEMENTS OR RIGHTS OF WAY WHICH MAY AFFECT THE PROPERTY:
RIGHTS OF WAY GRANTED TO POTENTIAL ENERGY COMPANY RECORDED UNDER 444 AT RECORD NO. 2011-001730 AND 2011-001731 BY ORDER OF THE COURT TO HOLD AND TO HOLDING AND LAYERS REPRODUCED DUE TO THE LACK OF AN EXACT COORDINATE FOR THE LOCATION OF UTILITY POLES SHOWN ON THE SURVEY.

Blasting Area & Site Plan
Scale: 1" = 200'

DATE	DESCRIPTION

PROJECT NUMBER	DATE
0481-C4	2023.12.19.23
SCALE	1" = 200'

DRAWING TITLE: **Blasting Plan & Site Plan**
DRAWING NUMBER: **BSP-01**

RECEIVED

DEC 26 2023

Environmental Protection

Particulate Control Plan – Travilah Quarry

December 7, 2023

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 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 are 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 processing floor 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 used 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 that 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 improve 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 2023, 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 was 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 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 80% complete and will be completed by the end of 2024. Secondly, during the fall of this year the internal exit haul road has been 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 now complete and has been reconfigured and rebuilt including new pavement as an additional measure to maximize the reduction of potential track out. 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 internal to the quarrying operation. 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.



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

EXTENDED

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



UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D. C. 20535

REPORT OF

DATE

BY

TITLE

CHARACTER OF CASE

CLASSIFICATION

STATUS

DATE

BY

SYNOPSIS

DETAILS

REFERENCE

REMARKS

RECEIVED

APPROVED AND FORWARDED

SPECIAL AGENT IN CHARGE

DATE

BY

AGENCY

REPORT NUMBER

FILE NUMBER

DATE

BY

DATE

BY

TELEPHONE NUMBER

ADDRESS

Handwritten signature

Special Agent in Charge

Aggregate Industries - Rockville Quarry – November 2022 Blast Locations



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

RECEIVED

DEC 26 2023

Environmental Protection

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

EVALUATION REPORT
 DEC 18 2022
 RECEIVED

MDE-BLAST-REPORT

SITE NAME: Aggregate Industries -
 Rockville
BLAST COMPANY: Dyno Nobel North America
MONTH / YEAR: Nov-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
11/03/2022 12:02pm	51-22	Level 4, Hole depth 46 feet	39.0776N, -77.22483W	Sunny, 61.23 degrees F	One neighbor complained about the blast. Quarry management followed up with the complainant.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,801	22.7/27.8/27.8	0.025/0.02/0.018	108
		B. Piney Meetinghouse	889	33.3/38.5/35.7	0.41/0.185/0.285	109
		C. West Fence	1,776	N/A	<0.02	124
		D. Williams Gasline	2,202	35.7/35.7/22.7	0.025/0.028/0.015	110
		E. Southern Boundary	3,008	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,431	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,601	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:

Nov-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
11/14/2022 10:27am	52-22	Level 3, Hole depth 35 feet	39.07637N, -77.22387W	Sunny, 41.68 degrees F	One neighbor complained about the blast. Quarry management followed up with the complainant.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,364	20.8/19.2/8.1	0.04/0.023/0.015	108
		B. Piney Meetinghouse	527	29.4/25/38.5	0.463/0.32/0.268	113
		C. West Fence	2,207	N/A	<0.02	<120
		D. Williams Gasline	2,684	N/A	<0.02	<120
		E. Southern Boundary	2,635	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,751	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,969	N/A	<0.02	<124

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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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Aggregate Industries - Rockville Quarry – December 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:

Nov-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
12/22/2022 11:00am	55-22	Level 3, Hole depth 47 feet	39.0775N, -77.2246W	Rainy, 34 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	1,762	11.4/20.8/12.5	0.048/0.018/0.018	96
		B. Piney Meetinghouse	814	26.3/27.8/31	0.3/0.28/0.273	109
		C. West Fence	1,850	N/A	<0.02	122
		D. Williams Gasline	2,246	27.8/27.8/35.7	0.033/0.03/0.02	109
		E. Southern Boundary	2,984	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,498	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,672	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.

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Aggregate Industries - Rockville Quarry – January 2023 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: Jan-23

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
1/25/2023 9:38am	02-23	Level 3B, Hole depth 47 feet	39.07572N, -77.22272W	Cloudy, 37.4 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	1,573	17.9/20.8/35.7	0.0475/0.04/0.0225	106.7
		B. Piney Meetinghouse	587	23.8/21.7/35.7	0.475/0.400/0.240	111.4
		C. West Fence	2,078	N/A	<0.02	<120
		D. Williams Gasline	2,466	N/A	<0.02	<120
		E. Southern Boundary	2,830	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,679	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,874	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:

Jan-23

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
1/18/2023 10:11am	01-23	Level 4, Hole depth 47 feet	39.07743N, -77.2246W	Sunny, 50.9 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	1,739	27.8/41.7/31.3	0.0375/0.0275/0.0175	104.2
		B. Piney Meetinghouse	812	29.4/26.3/31.3	0.255/0.195/0.22	110.5
		C. West Fence	1,851	N/A	<0.02	<120
		D. Williams Gasline	2,268	27.8/31.3/15.6	0.0225/0.025/0.0125	106.4
		E. Southern Boundary	2,959	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,491	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,668	N/A	<0.02	<124

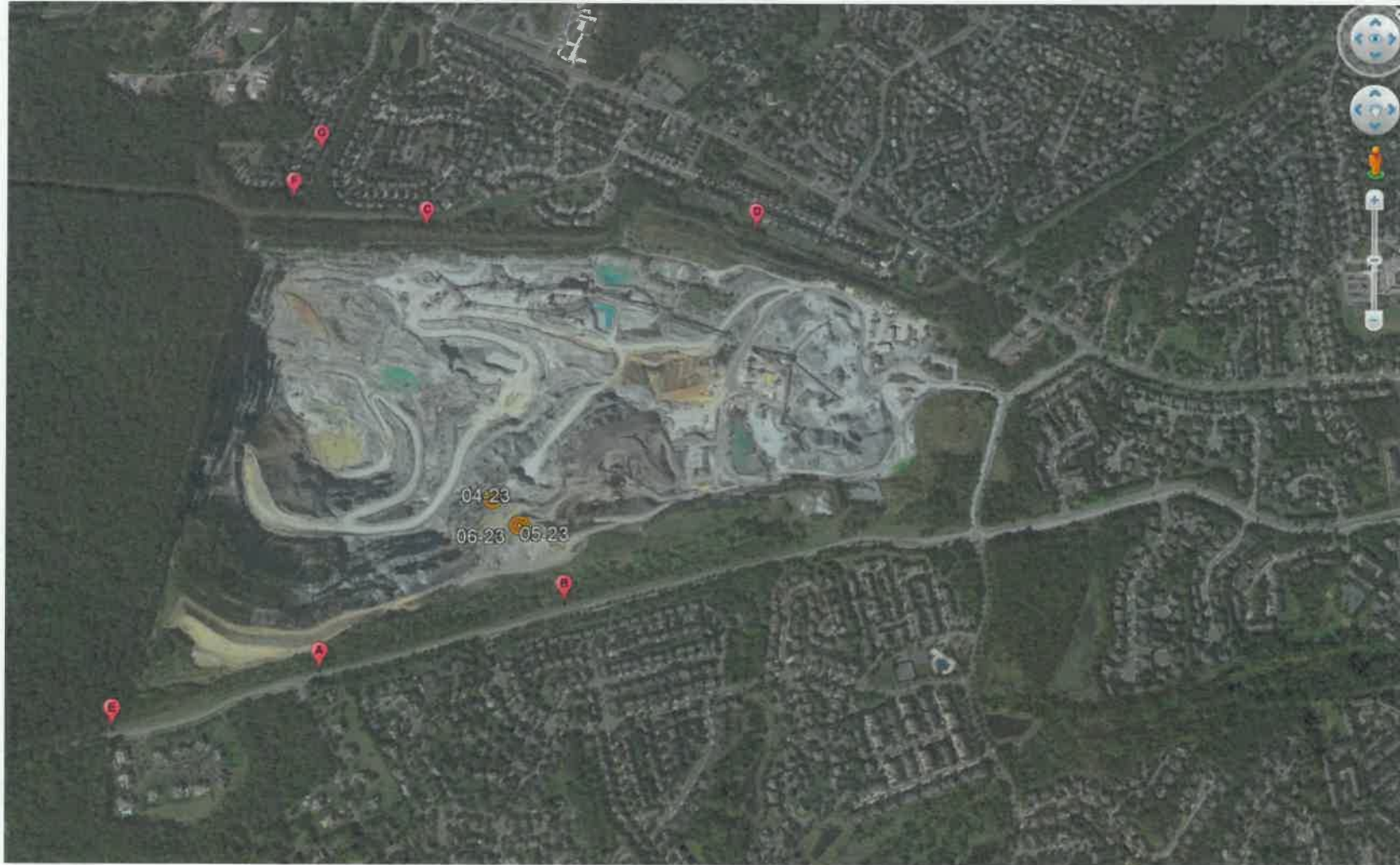
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Aggregate Industries - Rockville Quarry – February 2023 Blast Locations



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-23

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
1/30/2023 11:53am	03-23	Level 5 Hole depth 60 feet	39.07795N, -77.2262W	Cloudy, 50.34 degrees F	Neighbors complained about the blast. Quarry management followed up with HOA representative of the complainants.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,982	12.5/20.8/14.7	0.035/0.040/0.0175	105.9
		B. Piney Meetinghouse	1,294	22.7/26.3/26.3	0.190/0.2025/0.1225	102.6
		C. West Fence	1,368	16.1/41.7/16.1	0.0625/0.0475/0.0500	120.3
		D. Williams Gasline	2,072	20.8/20.8/15.6	0.0675/0.0725/0.0625	102.6
		E. Southern Boundary	3,094	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,044	25/38.5/35.7	0.0275/0.0275/0.015	115.9
		G. 13611 Pine View Lane	2,199	41.7/71.4/45.5	0.0275/0.025/0.015	111.7

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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: Feb-23

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
2/8/2023 10:50am	05-23	Level 3B, Hole depth 45-47 feet	39.07684N, -77.22397W	Sunny, 53.04 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	1,531	25/35.7/35.7	0.045/0.0425/0.0325	106.4
		B. Piney Meetinghouse	565	26.3/21.7/38.5	0.445/0.4325/0.2775	114.3
		C. West Fence	2,106	N/A	<0.02	<120
		D. Williams Gasline	2,511	N/A	<0.02	<120
		E. Southern Boundary	2,791	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,696	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,896	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.

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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:

Feb-23

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
2/3/2023 1:08pm	04-23	Level 4, Hole depth 47 feet	39.07681N, -77.22483W	Windy, 30 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	1,513	17.9/25/27.8	0.0375/0.0375/0.0225	99.4
		B. Piney Meetinghouse	804	22.7/29.4/38.5	0.3175/0.3625/0.265	115.2
		C. West Fence	1,892	33.3/35.7/14.3	0.025/0.0175/0.015	108.8
		D. Williams Gasline	2,489	N/A	<0.02	<120
		E. Southern Boundary	2,724	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,456	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,663	N/A	<0.02	<124

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Aggregate Industries - Rockville Quarry – March 2023 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-23

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
2/22/2023 10:37am	06-23	Level 3B, Hole depth 47 feet	39.07684N, -77.22397W	Rainy, 45.28 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	1,531	20.8/20.8/31.3	0.0525/0.045/0.0275	106.4
		B. Piney Meetinghouse	565	22.7/23.8/35.7	0.63/0.5225/0.2975	110.8
		C. West Fence	2,106	N/A	<0.02	<120
		D. Williams Gasline	2,511	N/A	<0.02	<120
		E. Southern Boundary	2,791	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,696	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,896	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: Mar-23

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
3/20/2023 9:58am	08-23	Level 4, Hole depth 47 feet	39.07705N, -77.22431W	Sunny, 31.32 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	1,600	41.7/41.7/41.6	0.04/0.04/0.025	96.2
		B. Piney Meetinghouse	678	23.8/27.8/33.3	0.595/0.3375/0.3	108.8
		C. West Fence	1,987	N/A	<0.02	<120
		D. Williams Gasline	2,419	N/A	<0.02	<120
		E. Southern Boundary	2,841	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,592	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,784	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:

Mar-23

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
3/7/2023 11:27am	07-23	Level 4, Hole depth 47 feet	39.07664N, -77.22496W	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	1,453	31.3/35.7/35.7	0.055/0.05/0.035	106.1
		B. Piney Meetinghouse	834	23.8/27.8/35.7	0.6175/0.2675/0.24	111.1
		C. West Fence	1,889	N/A	<0.02	<120
		D. Williams Gasline	2,548	62.5/31.3/31.3	0.025/0.025/0.02	104.2
		E. Southern Boundary	2,657	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,430	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,645	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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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 2023 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: Apr-23

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
4/12/2023 10:43am	09-23	Level 4, Hole depth 47 feet	39.07705N, -77.22431W	Cloudy, 69.13 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	1,600	41.7/41.7/35.7	0.045/0.03/0.0275	106.1
		B. Piney Meetinghouse	678	33.3/23.8/38.5	0.2525/0.2775/0.2125	109.1
		C. West Fence	1,987	N/A	<0.02	<120
		D. Williams Gasline	2,419	50/41.7/13.2	0.0225/0.045/0.0075	96.2
		E. Southern Boundary	2,841	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,592	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,784	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: Apr-23

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
4/18/2023 9:37am	10-23	Level 3, Hole depth 30 feet	39.0761N, -77.22438W	Sunny, 55.06 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	1,253	14.7/11.9/12.5	0.0275/0.020/0.0125	101
		B. Piney Meetinghouse	686	27.8/22.7/41.7	0.24/0.175/0.1375	124.2
		C. West Fence	2,131	N/A	<0.02	<120
		D. Williams Gasline	2,760	N/A	<0.02	<120
		E. Southern Boundary	2,500	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,631	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,863	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: Apr-23

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
4/17/2023 11:00am	12-23	Level 3, Hole depth 30 feet	39.07634N, -77.2238W	Sunny, 60.24 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	1,356	25/19.2/17.9	0.035/0.0175/0.0125	94.6
		B. Piney Meetinghouse	509	26.3/26.3/35.7	0.405/0.3725/0.18	110.8
		C. West Fence	2,229	N/A	<0.02	<120
		D. Williams Gasline	2,699	N/A	<0.02	<120
		E. Southern Boundary	2,630	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,772	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,991	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 – May 2023 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-23

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
4/26/2023 9:37am	11-23	Level 3, Hole depth 30 feet	39.07705N, -77.22431W	Sunny, 62.6 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	1,600	25/19.2/31.3	0.075/0.040/0.0225	101
		B. Piney Meetinghouse	678	27.8/21.7/41.7	0.435/0.260/0.3675	111.1
		C. West Fence	1,987	N/A	<0.02	<120
		D. Williams Gasline	2,419	41.7/41.7/27.8	0.0275/0.0400/0.0100	106.7
		E. Southern Boundary	2,841	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,592	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,784	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 2023 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: May-23

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
5/22/2023 10:49am	13-33	Level 3, Hole depth 20-30 feet	39.07631N, -77.22372W	Sunny, 69.24 degrees F	One neighbor complained about the blast. Quarry management followed up with the complainant.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,349	31.3/15.6/27.8	0.0325/0.0225/0.015	105.9
		B. Piney Meetinghouse	488	29.4/27.8/41.7	0.33/0.3625/0.2925	113.4
		C. West Fence	2,255	N/A	<0.02	<120
		D. Williams Gasline	2,714	N/A	<0.02	<120
		E. Southern Boundary	2,627	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,797	N/A	<0.02	<120
		G. 13611 Pine View Lane	3,016	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:

Jun-23

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
6/19/2023 10:13am	16-33	Level 3B, Hole depth 48 feet	39.07634N, -77.22419W	Sunny, 79.14 degrees F	No complaints	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,343	27.8/27.8/35.7	0.0325/0.0325/0.0275	106.4
		B. Piney Meetinghouse	619	31.3/33.3/50	0.4775/305/0.265	112.8
		C. West Fence	2,133	N/A	<0.02	<120
		D. Williams Gasline	2,680	N/A	<0.02	<120
		E. Southern Boundary	2,598	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,664	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,886	N/A	<0.02	<124
		H. 13211 Valley Drive	7,442	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:

Jun-23

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
6/1/2023 9:57am	15-33	Level 3B, Hole depth 48 feet	39.07661N, -77.22395W	Sunny, 66.76 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	1,448	27.8/17.9/50	0.045/0.025/0.0225	101
		B. Piney Meetinghouse	548	35.7/35.7/41.7	0.405/0.22/0.4425	113.7
		C. West Fence	2,147	N/A	<0.02	<120
		D. Williams Gasline	2,594	N/A	<0.02	<120
		E. Southern Boundary	2,712	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,714	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,922	N/A	<0.02	<124

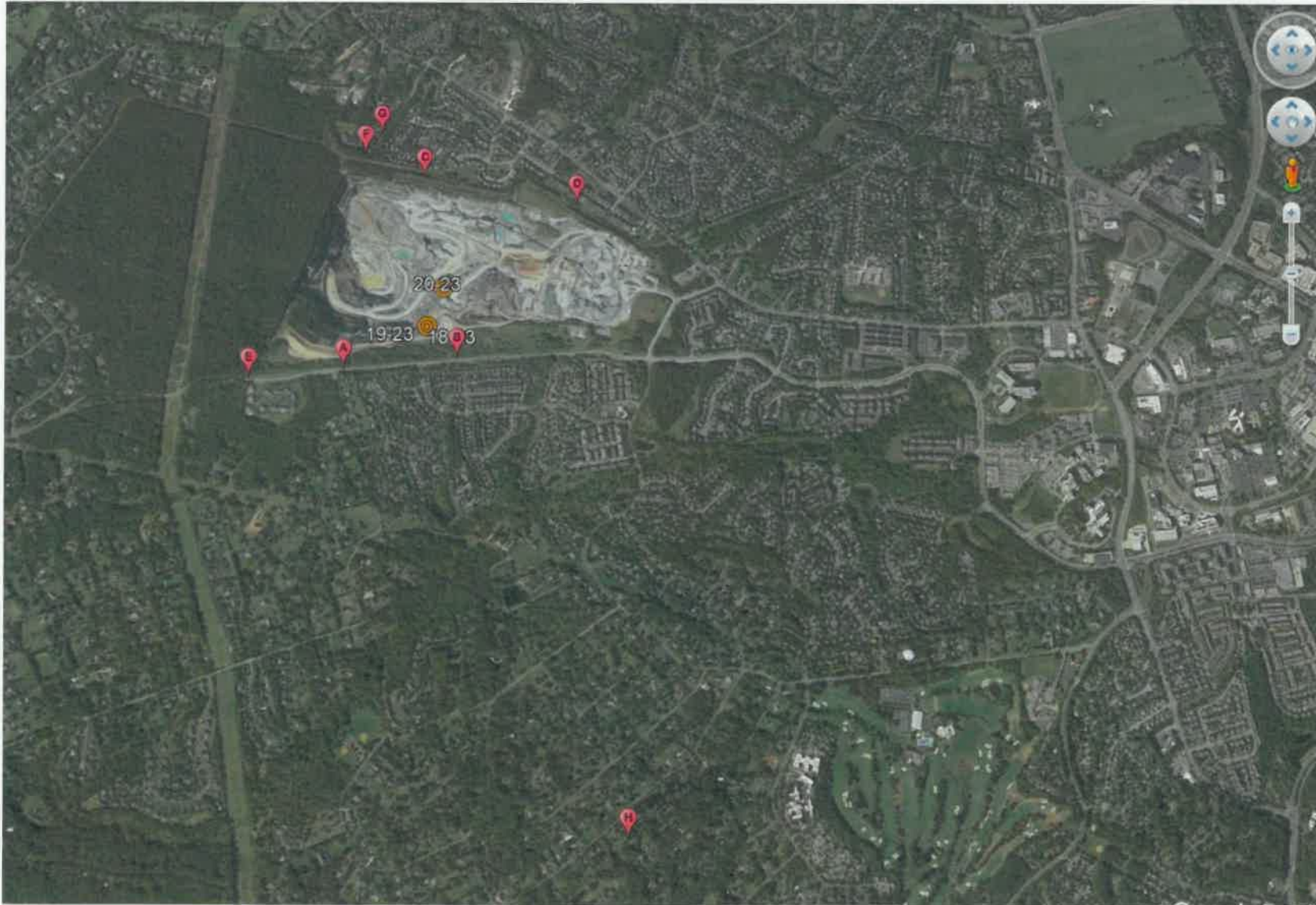
*Highlight HIGHEST recorded ground vibration and air blast that the seismograph instrument records for each individual shot. The permittee should report the HIGHEST ground vibration value (longitudinal, transverse, vertical) that the seismograph instrument records for each individual shot.

**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 – July 2023 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:

Jun-23

DATE/TIME	SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
6/22/2023 11:43am	17-23	Level 5, Hole depth 47 feet	39.07763N, -77.22623W	Cloudy, 60.24 degrees F	No complaints	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,871	22.7/25/22.7	0.0225/0.0225/0.0175	97.8
		B. Piney Meetinghouse	1,260	31.3/26.3/22.7	0.175/0.1325/0.1075	94.6
		C. West Fence	1,404	23.8/38.5/21.7	0.04/0.0175/0.035	120.6
		D. Williams Gasline	2,189	31.3/35.7/13.9	0.03/0.04/0.0175	106.7
		E. Southern Boundary	2,977	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,035	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,209	N/A	<0.02	<124
		H. 13211 Valley Drive	8,107	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 – July 2023 Blast Locations Up Close



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-23

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
7/5/2023 10:00am	18-23	Level 3B, Hole depth 47 feet	39.07616N, -77.22403W	Cloudy, 82.63 degrees F	No complaints	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,282	25/35.7/50	0.06/0.045/0.0325	106.4
		B. Piney Meetinghouse	585	31.3/31.3/50	0.715/0.400/0.4575	113.7
		C. West Fence	2,205	N/A	<0.02	<120
		D. Williams Gasline	2,752	N/A	<0.02	<120
		E. Southern Boundary	2,548	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,722	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,949	N/A	<0.02	<124
		H. 13211 Valley Drive	7,385	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

Check Box if No Blasting Occurred During the Month
 Reporting

BLAST COMPANY:

Dyno Nobel North America

MONTH / YEAR:

Jul-23

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
7/31/2023 11:39am	20-23	Level 5, Hole depth 37 feet	39.07752N, -77.22524W	Sunny, 77.68 degrees F	No complaints	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,786	17.9/27.8/31.3	0.025/0.0125/0.0125	99.4
		B. Piney Meetinghouse	1,025	35.7/18.5/41.7	0.185/0.085/0.155	102.6
		C. West Fence	1,636	N/A	<0.02	<120
		D. Williams Gasline	2,222	N/A	<0.02	<120
		E. Southern Boundary	2,955	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,271	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,447	N/A	<0.02	<124
		H. 13211 Valley Drive	7,869	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

Check Box if No Blasting Occurred During the Month Reporting

BLAST COMPANY:

Dyno Nobel North America

MONTH / YEAR:

Jul-23

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
7/17/2023 10:34am	19-23	Level 3B, Hole depth 47 feet	39.07616N, -77.22403W	Sunny, 80.26 degrees F	No complaints	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,282	41.7/31.3/31.3	0.06/0.045/0.035	106.7
		B. Piney Meetinghouse	585	33.3/33.3/55.6	0.715/0.5225/0.4875	117.4
		C. West Fence	2,205	N/A	<0.02	120.4
		D. Williams Gasline	2,752	27.8/41.7/83.3	0.0175/0.0375/0.01	107.3
		E. Southern Boundary	2,548	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,722	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,949	N/A	<0.02	<124
		H. 13211 Valley Drive	7,385	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 – August 2023 Blast Locations Up Close



Aggregate Industries - Rockville Quarry – August 2023 Blast Locations



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

Note: Shot 23-23 is out of sequence and was shot on 09-01-23

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-23

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
8/14/2023 9:30am	22-23	Level 3B, Hole depth 47 feet	39.07681N, -77.22374W	Cloudy, 80.38 degrees F	No complaints	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,528	19.2/20.8/50	0.04/0.03/0.0275	107.3
		B. Piney Meetinghouse	499	31.3/38.5/55.6	0.925/0.65/0.56	113.1
		C. West Fence	2,170	N/A	<0.02	<120
		D. Williams Gasline	2,534	N/A	<0.02	<120
		E. Southern Boundary	2,799	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,762	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,962	N/A	<0.02	<124
		H. 13211 Valley Drive	7,352	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.

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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:

Aug-23

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
8/7/2023 9:36am	21-23	Level 4, Hole depth 47 feet	39.07627N, -77.2245W	Cloudy, 73.74 degrees F	No complaints	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,314	27.8/25/31.3	0.06/0.0375/0.02	105.9
		B. Piney Meetinghouse	709	38.5/35.7/45.5	0.4575/0.195/0.21	109.1
		C. West Fence	2,070	N/A	<0.02	<120
		D. Williams Gasline	2,694	N/A	<0.02	<120
		E. Southern Boundary	2,552	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,584	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,810	N/A	<0.02	<124
		H. 13211 Valley Drive	7,523	N/A	<0.02	<124

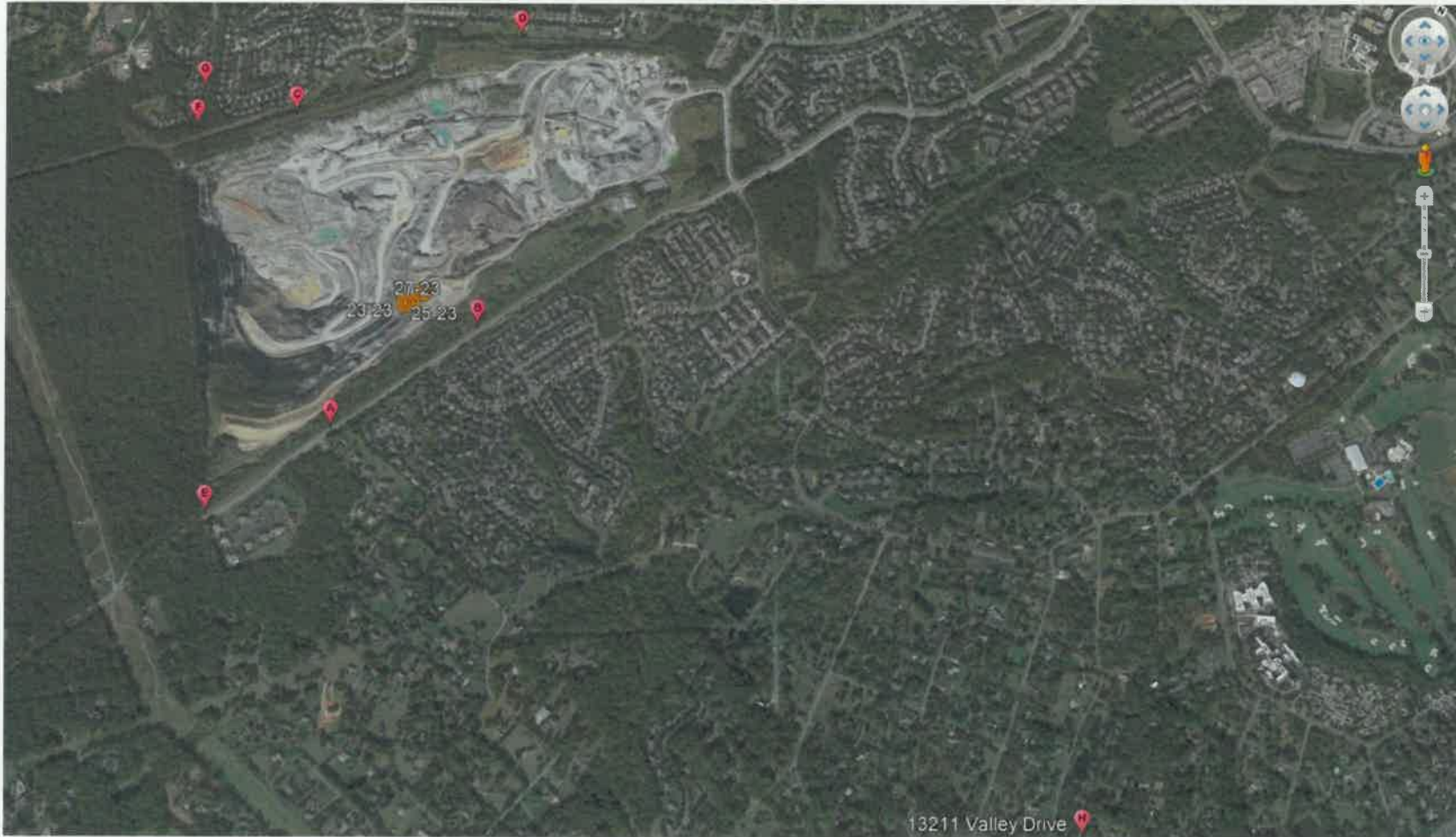
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Aggregate Industries - Rockville Quarry – September 2023 Blast Locations



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:

Aug-23

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
8/22/2023 11:39am	24-23	Level 5, Hole depth 55 feet	39.0775N, -77.2262W	Sunny, 76.66 degrees F	No complaints	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,823	17.9/25/25	0.03/0.025/0.0125	106.1
		B. Piney Meetinghouse	1,237	31.3/26.3/55.6	0.175/0.1025/0.0975	102.6
		C. West Fence	1,432	20/23.8/19.2	0.035/0.0175/0.02	117.8
		D. Williams Gasline	2,235	N/A	<0.02	<120
		E. Southern Boundary	2,930	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,045	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,227	N/A	<0.02	<124
		H. 13211 Valley Drive	8,088	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.

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Aggregate Industries - Rockville Quarry – September 2023 Blast Locations Up Close



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:

Sep-23

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
9/1/2023 10:00am	23-23	Level 4, Hole depth 47 feet	39.07618N, -77.2244W	Sunny, 77 degrees F	No complaints	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,282	27.8/25/31.3	0.0625/0.0625/0.0375	106.1
		B. Piney Meetinghouse	686	38.5/35.7/50	0.5475/0.37/0.3575	111.4
		C. West Fence	2,111	N/A	<0.02	<120
		D. Williams Gasline	2,730	N/A	<0.02	<120
		E. Southern Boundary	2,527	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,618	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,848	N/A	<0.02	<124
		H. 13211 Valley Drive	7,489	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.

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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-23

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
9/20/2023 12:55pm	26-23	Level 4, Hole depth 47 feet	39.07661N, -77.22398W	Cloudy, 71.38 degrees F	No complaints	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,447	35.7/31.3/35.7	0.0325/0.0375/0.04	107.6
		B. Piney Meetinghouse	557	33.3/41.7/55.6	0.59/0.44/0.4375	115.9
		C. West Fence	2,139	N/A	<0.02	<120
		D. Williams Gasline	2,593	N/A	<0.02	<120
		E. Southern Boundary	2,709	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,705	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,914	N/A	<0.02	<124
		H. 13211 Valley Drive	7,403	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:

Sep-23

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
9/12/2023 10:49am	25-23	Level 3B, Hole depth 47 feet	39.07623N, -77.22421W	Overcast, 75.16 degrees F	No complaints	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,303	27.8/27.8/27.8	0.08/0.095/0.0425	115.9
		B. Piney Meetinghouse	630	26.3/29.4/50	0.8575/0.555/0.4425	113.1
		C. West Fence	2,148	N/A	<0.02	<120
		D. Williams Gasline	2,719	15.6/41.7/50	0.0175/0.03/0.0125	104.2
		E. Southern Boundary	2,558	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,667	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,893	N/A	<0.02	<124
		H. 13211 Valley Drive	7,439	N/A	<0.02	<124

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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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Aggregate Industries - Rockville Quarry – October 2023 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:

Sep-23

DATE/TIME	SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
9/29/2023 9:58pm	27-23	Level 4, Hole depth 47 feet	39.07661N, -77.22398W	Cloudy, 60.46 degrees F	No complaints	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,447	41.7/35.7/41.7	0.0375/0.06/0.025	107.6
		B. Piney Meetinghouse	557	29.4/31.3/50	0.35/0.405/0.4175	113.7
		C. West Fence	2,139	N/A	<0.02	<120
		D. Williams Gasline	2,593	N/A	<0.02	<120
		E. Southern Boundary	2,709	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,705	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,914	N/A	<0.02	<124
		H. 13211 Valley Drive	7,403	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-23

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
10/31/2023 11:27am	30-23	Level 4, Hole depth 47 feet	39.07733N, -77.22497W	Cloudy, 46.96 degrees F	No complaints	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,705	N/A	<0.02	<120
		B. Piney Meetinghouse	887	38.5/33.3/38.5	0.540/0.170/0.300	116
		C. West Fence	1,775	N/A	<0.02	<120
		D. Williams Gasline	2,297	41.7/41.7/50	0.04/0.03/0.015	104
		E. Southern Boundary	2,904	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,397	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,580	N/A	<0.02	<124
		H. 13211 Valley Drive	7,735	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:

Oct-23

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
10/11/2023 9:44am	28-23	Level 4, Hole depth 47 feet	39.07692N, -77.22387W	Sunny, 50.34 degrees F	No complaints	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,563	22.7/31.2/41.7	0.033/0.028/0.030	114
		B. Piney Meetinghouse	545	29.4/33.3/38.5	0.823/0.400/0.500	117
		C. West Fence	2,120	N/A	<0.02	<120
		D. Williams Gasline	2,487	41.7/41.7/50	0.025/0.025/0.015	106
		E. Southern Boundary	2,827	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,721	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,916	N/A	<0.02	<124
		H. 13211 Valley Drive	7,397	N/A	<0.02	<124

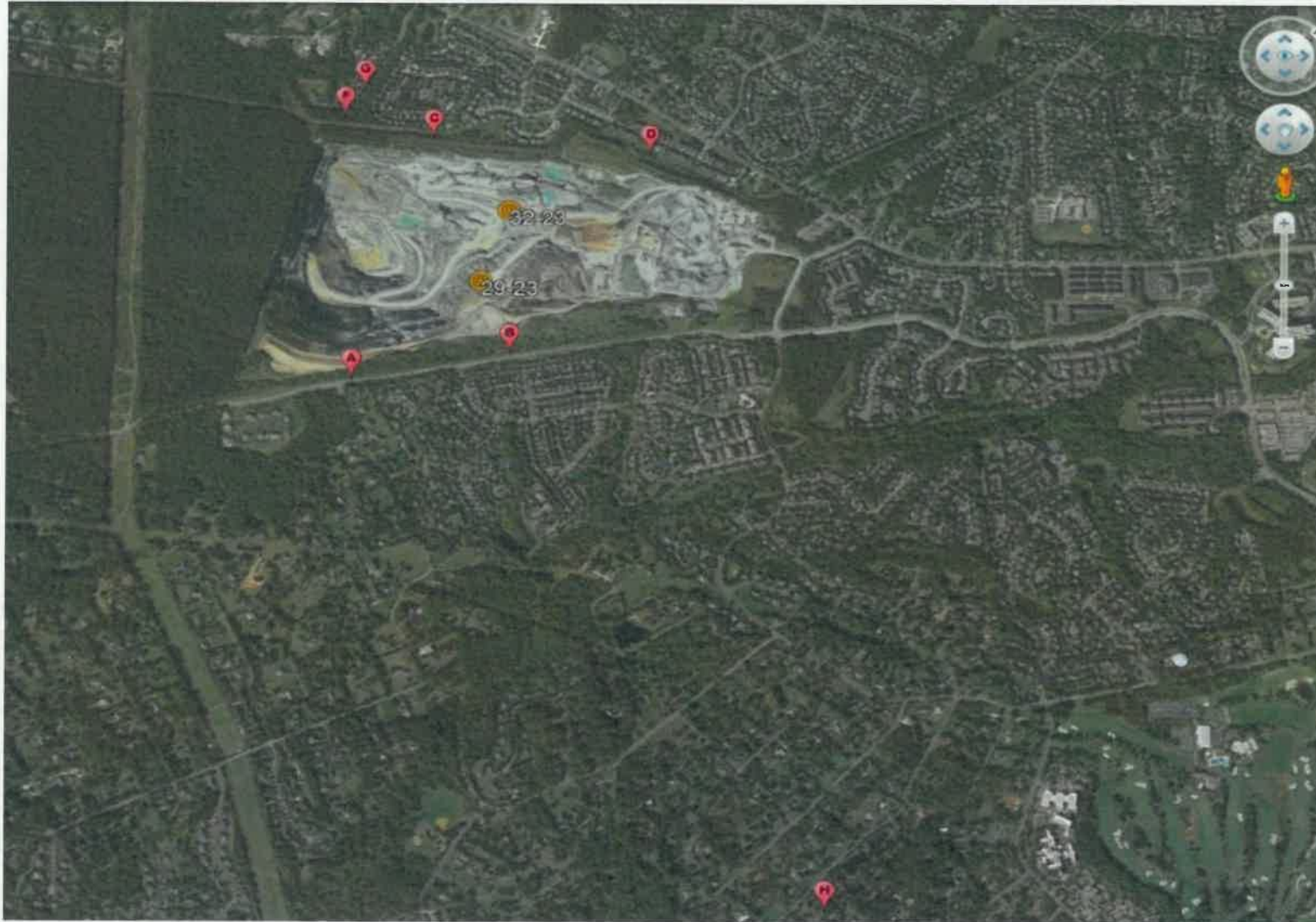
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Aggregate Industries - Rockville Quarry – November 2023 Blast Locations



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: Nov-23

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
11/9/2023 9:43am	29-23	Level 3B, Hole depth 34-47 feet	39.07733N, -77.22497W	Cloudy, 52.14 degrees F	No complaints	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,705	N/A	<0.02	<120
		B. Piney Meetinghouse	887	33.3/27.8/33.3	0.328/0.122/0.155	113
		C. West Fence	1,775	N/A	<0.02	<120
		D. Williams Gasline	2,297	N/A	<0.02	<120
		E. Southern Boundary	2,904	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,397	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,580	N/A	<0.02	<124
		H. 13211 Valley Drive	7,735	N/A	<0.02	<124

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Date	Description	Debit	Credit	Balance	Total
1890	Jan 1				
	By Balance				
	To Cash				
	To Merchandise				
	To Freight				
	To Insurance				
	To Rent				
	To Salaries				
	To Advertising				
	To Interest				
	To Profit				
	By Cash				
	By Merchandise				
	By Freight				
	By Insurance				
	By Rent				
	By Salaries				
	By Advertising				
	By Interest				
	By Profit				
	Total				

1890

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:

Nov-23

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
11/16/2023 9:32am	32-23	Level 5, Hole depth 58 feet	39.07937N, -77.22667W	Sunny, 44.26 degrees F	Two (2) neighbors complained about the blast. Quarry management followed up with the complainants.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	2,517	N/A	<0.02	<120
		B. Piney Meetinghouse	1,678	33.3/27.8/33.3	0.115/0.077/0.075	118
		C. West Fence	1,156	17.9/25.0/23.8	0.075/0.077/0.100	124
		D. Williams Gasline	1,577	62.5/35.7/27.8	0.175/0.128/0.133	108
		E. Southern Boundary	3,609	N/A	<0.02	<120
		F. 13603 Pine View Lane	1,995	50.0/62.5/83.3	0.040/0.043/0.030	119
		G. 13611 Pine View Lane	2,059	62.5/71.4/83.3	0.050/0.030/0.037	120
		H. 13211 Valley Drive	8,398	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).