

Montgomery County, Maryland
Department of Environmental Protection

PUBLIC NOTICE

March 28, 2025

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 Region
Land Services
Memorandum

RECEIVED

JAN 13 2025

Environmental Protection

To: Steve Martin
From: Tim Bevard
Date: January 6, 2025
Subject: Travilah Quarry License Re-Certification Documentation

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

1. Surface Mining License No. SL-0607, expiration date 12-31-24. Renewal application submitted to MDE.
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 2023 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, expired April 30, 2022. The permit remains valid until MDE issues a new general permit to replace the existing permit. See MDE guidance on permit continuance.
6. NPDES Discharge Monitoring Reports for Outfall No. 1 covering the period of 10/01/23 through 9/30/24.
7. Blasting Area and Site Plan Map updated by Rodgers Consulting, Inc. dated 03-11-24.
8. Particulate Control Plan dated December 19, 2024.
9. Certificate of Insurance for general liability, automobile liability, and workers compensation and employer's liability for the period 10/01/24 through 10/01/25.
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. 01-06-26.
11. Seismograph Records as submitted to the Maryland Department of the Environment including the Vibration and Air Overpressure data for the period December 1, 2023 through November 30, 2024.
12. Montgomery County, Department of Permitting Services, Sediment Control Permit No. 203770, expiration date 08-01-30.



Mid-Atlantic Region

December 20, 2024

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

RECEIVED

JAN 13 2025

Environmental Protection

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

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,

A handwritten signature in cursive script that reads 'Corey Johnson'.

Corey Johnson
Vice President – Aggregate Division

Enclosures



State of Maryland
Department of The Environment
Land and Materials Administration



2025
SURFACE MINING LICENSE

NUMBER SL-0607

EXPIRATION DECEMBER 31, 2025


This is to certify that

BARDON, INC.

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

This License:

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


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



Maryland
Department of
the Environment

Larry Hogan, Governor
Boyd K. Rutherford, Lt. Governor
Ben Crumbles, 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, reading "Molly Michaelson".

Molly Michaelson, Division Chief
Mining Program

Enclosure

MARYLAND DEPARTMENT OF THE ENVIRONMENT
LAND AND MATERIALS ADMINISTRATION

SURFACE MINING PERMIT

RENEWAL



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

PERMIT EFFECTIVE DATE: June 14, 1977

PERMIT EXPIRATION DATE: March 31, 2025

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

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

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

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

Page Two

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

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

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
Horacio Tablada, Secretary
Suzanne E. Dorsey, Deputy Secretary

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

SEP 01 2022

Dear Mr. Bevard:

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

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

If you have any questions regarding the issuance of this permit, please contact Mr. Dennis Borie at Dennis.Borie@Maryland.gov.

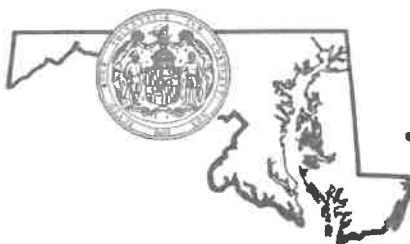
Sincerely,

A handwritten signature in black ink, appearing to read 'Suna Yi Sariscak', written over a light blue circular background.

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

SYS/jm

Enclosure

Larry Hogan
Governor*State of**Maryland* Horacio Tablada
Secretary**DEPARTMENT OF THE ENVIRONMENT**Air and Radiation Administration
1800 Washington Boulevard, Suite 720
Baltimore, MD 21230☐ Construction Permit☒ Operating Permit

PERMIT NO. 031-0528

DATE ISSUED September 1, 2022

PERMIT FEE To be paid in accordance
with COMAR 26.11.02.19BEXPIRATION
DATE August 31, 2027**LEGAL OWNER & ADDRESS**Holcim-MAR
6401 Golden Triangle Dr; Ste 400
Greenbelt, MD 20770
Attn: Mr. Tim Bevard, Land Manager**SITE**Rockville Quarry
13900 Piney Meetinghouse Rd.
Rockville, MD 20850
Premises # 031-0528
AI # 75**SOURCE DESCRIPTION**

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

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

Page 1 of 12


Program Manager
Director, Air and Radiation Administration

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

INDEX

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

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

ARA Registration Number	Description	Date of Installation
031-0528-6-0045	One (1) electric powered 900 ton per hour stone crushing and screening plant equipped with a wet suppression system and nine (9) baghouses consisting of the following equipment: <ul style="list-style-type: none"> - One (1) 900 TPH Allis Chalmers 4266 primary crusher equipped with a baghouse; - One (1) 900 TPH Symons 7' Standard Cone secondary crusher equipped with a baghouse; 	Installed in 1973 (modified in 2003, 2007, 2009 and 2014)
	- One (1) 350 TPH Svedala H6000 tertiary crusher equipped with a baghouse;	1973 (like kind replacement in 2007)
	- One (1) 350 TPH Sandvik CH660 tertiary crusher equipped with a baghouse;	1973 (like kind replacement in 2022)
	- Two (2) 375 TPH Metso 8' x 20' screeners venting through the three (3) baghouses associated with the screen house (subject to 40 CFR 60, Subpart OOO pre-April 22, 2008 requirements);	2003
	- One (1) 900 TPH Trio 8' x 24' Triple Deck screener equipped with a wet suppression system (subject to 40 CFR 60, Subpart OOO pre-April 22, 2008 requirements);	2007
	- One (1) 800 TPH Trio 6' x 16' 2 Deck screener equipped with a wet suppression system (subject to 40 CFR 60, Subpart OOO pre-April 22, 2008 requirements);	2007
	- One (1) 800 TPH Deister 6' x 16' 2 Deck screener equipped with a wet suppression system (subject to	2008 (like kind

**HOLCIM – MAR, INC.
ROCKVILLE QUARRY
13900 PINEY MEETINGHOUSE ROAD
ROCKVILLE, MARYLAND 20850
PERMIT-TO-OPERATE
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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,

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

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

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

Part B – Applicable Regulations

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

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

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

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

and

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

- (2) This source is subject to all applicable federally enforceable State air pollution control requirements including, but not limited to, the following regulations:
- (a) COMAR 26.11.01.07C, which requires that the Permittee report to the Department occurrences of excess emissions.
- (b) COMAR 26.11.02.09A, which requires that the Permittee obtain a permit-to-construct if an installation is to be modified in a manner that would cause a change in the quantity, nature, or characteristics of emissions referenced in the permit-to-construct issued for that installation.
- (c) COMAR 26.11.06.02C(2), which prohibits visible emissions other than uncombined water.

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

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PERMIT-TO-OPERATE
PERMIT No. 031-0528**

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

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

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

**HOLCIM – MAR, INC.
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PERMIT No. 031-0528**

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

Part C – Operating Conditions

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

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PERMIT No. 031-0528**

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

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

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

Part D – Testing, Monitoring, Record Keeping and Reporting

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

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

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

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

- (i) identifications and descriptions of all such equipment;
 - (ii) operating schedules for each item of such equipment;
 - (iii) accounts of any significant maintenance performed;
 - (iv) accounts of all malfunctions and outages; and
 - (v) accounts of any episodes of reduced efficiency.
 - (f) limitations on source operation or any work practice standards that significantly affect emissions; and
 - (g) other relevant information as required by the Department.
- (6) The Permittee shall submit to the Department by April 1 of each year during the term of this permit a certification of emissions for the previous calendar year. The certifications shall be prepared in accordance with requirements, as applicable, adopted under COMAR 26.11.01.05 – 1 and COMAR 26.11.02.19D.
- (a) Certifications of emissions shall be submitted on forms obtained from the Department.
 - (b) A certification of emissions shall include mass emissions rates for each regulated pollutant, and the total mass emissions rate for all regulated pollutants for each of the Permittee's registered sources of emissions.
 - (c) The person responsible for a certification of emissions shall certify the submittal to the Department in the following manner:

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

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

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

MARYLAND DEPARTMENT OF THE ENVIRONMENT

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

Air and Radiation Management Administration • Air Quality Permits Program

APPLICATION FOR PERMIT TO OPERATE PROCESS EQUIPMENT

1. Premise Identification:

Holcim-MAR Inc.

Premise Name or Identification

031-0528

Premise Number

13900 Piney Meetinghouse Rd.

Rockville

MD

20850

Montgomery

Premise Address

City

State

Zip

County

2. Equipment Identification

☐ Single Installation

☒ Process Line


☐ Identical Units and No. _____

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

ARMA Registration Number	Description	Date of Installation
031-0528-6-0045	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: One (1) 900 TPH Allis Chalmers 4266 primary crusher equipped with a baghouse; One (1) 900 TPH Symons 7' Standard Cone secondary crusher equipped with a baghouse; One (1) 350 TPH Svedala H6000 tertiary crusher equipped with two (2) baghouses; One (1) 350 TPH Sandvik CH 660 tertiary crusher equipped with two (2) baghouses	1973
	Two (2) 375 TPH Metso 8'x20' screens venting through the three (3) baghouses associated with the screen house (subject to 40 CFR 60, subpart OOO pre-April 22, 2008 requirement);	1973 (like kind replacement in 2007)
	One (1) 900 TPH Trio 8'x24' Triple Deck screen equipped with a wet suppression system (subject to 40 CFR 60, Subpart OOO pre-April 22, 2008 requirements);	2003
	One (1) 150 TPH Buell fines air classification system including two (2) GI-108 classifiers and one (1) Fisher Klosterman model 416 baghouse;	2007
	One (1) 350 TPH Nordberg HP400 tertiary crusher equipped with a baghouse;	2009
	Three (3) 375 TPH Deister 8'x20' screens 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' screen venting through the three (3) baghouses associated with the screen house.	
	One (1) 800 TPH Diester 6x16 2 deck screen equipped with a wet suppression system	2022
31-0528-6-0607	Rex Lo-Go electric powered portable ready-mix concrete plant equipped with Griffen environmental model U-216 baghouse and two (2) silos.	4/2000 modified in 2006
31-0528-6-1418	One (1) 2.1 MMBtu/hr No. 2 fuel-oil fired water heater.	2013
31-0528-6-0861	One (1) electric powered 1000 TPH pugmill system and one (1) 100 ton cement silo equipped with a C&W Manufacturing CP-1000 pulse-jet dust collector.	2008

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

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

Page 1 of 1
Recycled Paper 

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

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

Owner Information:

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

Facility Information:

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



MARYLAND DEPARTMENT OF THE ENVIRONMENT

2. Complete the following information:

Date when purchased company: **May 1st, 2022**

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

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

NAICS or SIC (if known):

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

3. Equipment Inventory

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

4. Certification by Responsible Official:

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

RESPONSIBLE OFFICIAL:

Timothy A. Bevard

08/10/2022

SIGNATURE

DATE

Timothy A. Bevard
Manager, Land





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

March 12, 2024

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

Attention: MDE Compliance Program

Re: 2023 Emissions Certification – Facility Number 031-00528
Rockville Crushed Stone

Dear MDE,

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

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

If you have any questions or require additional information, please do not hesitate to contact myself or Tim Bevard at 301-982-1400 or by e-mail tim.bevard@holcim.com.

Sincerely,

A handwritten signature in cursive script that reads 'Corey Johnson'.

Corey Johnson
Vice President/GM

enclosure

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: 2023

A. FACILITY IDENTIFICATION				Do Not Write in This Space	
Facility Name: Holcim-MAR, Inc. - 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.) 29%	Spring (Mar.- May) 27%	Summer (Jun.- Aug.) 22%	Fall (Sep.- Nov.) 22%	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 _____ pages (including attachments), and certify that the information is correct to the best of my knowledge.

Corey Johnson

General Manager

03-12-24

Name (Print/Type)

Title

Date

Corey Johnson
Signature

(301) 982-1400

Telephone

FORM 2

**CRITERIA AIR POLLUTANTS
EMISSIONS CERTIFICATION REPORT**

FACILITY NAME: Rockville Batch Plant

FACILITY ID#: 031-00528

POLLUTANT: NOX

CALENDAR YEAR: 2023

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	0.06140	0.41208	12	n/a	n/a	6	52	298	0.49450					C-3
031 0528-4-1418																
TOTAL			0.06140	0.41208							0.49450					

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: 2023

Equipment Description Registration No.	SCC Number	Fuel		Actual Emissions		Operating Schedule (Actual)					TOSD Lbs/day	Operating Schedule			Emissions Method
				Tons/yr	Lbs/day	Hrs/day	Start	End	Days/wk	Wks/yr	Days/yr	Hrs/day	Start	End	
Water Heater		Heating Oil	S	0.13262	0.89009	12	n/a	n/a	6	52	298				C-3
031 0528-4-1418	10-20-0502		F												
			S												
			F												
			S												
			F												
			S												
			F												
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			F												
			S												
			F												
			S												
			F												
TOTAL				0.13262	0.89009										

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: 2023

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	0.01535	0.10302	12	n/a	n/a	6	52	298					C-3					
031-0528-4-1418			F																		
			S																		
			F																		
			S																		
			F																		
			S																		
			F																		
			S																		
			F																		
			S																		
			F																		
			S																		
			F																		
			S																		
			F																		
TOTAL				0.01535	0.10302																

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: 2023

Equipment Description Registration No.	SCC Number	Fuel		Actual Emissions		Operating Schedule (Actual)						TOSD	Operating Schedule			Emissions			
				Tons/yr	Lbs/day	Hrs/day	Start	End	Days/wk	Wks/yr	Days/yr	Lbs/day	Hrs/day	Start	End	Method			
Water Heater	10-20-0502	Heating Oil	S	0.00077	0.00519	12	n/a	n/a	6	52	298	0.00623				C-3			
031-0528-4-1418			F																
			S																
			F																
			S																
			F																
			S																
			F																
			S																
			F																
			S																
			F																
			S																
			F																
			S																
			F																
TOTAL				0.00077	0.00519							0.00623							

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: 2023

FACILITY NAME: Rockville Crushed Stone

FACILITY ID#: 031-00528

POLLUTANT: PM

Equipment Description Registration No.	SCC Number	Fuel		PM - Filterable		PM 10 - Filterable		PM 2.5 - Filterable		PM Condensible		Operation Days/yr	Emissions Method
				Tons/yr	Lbs/day	Tons/yr	Lbs/day	Tons/yr	Lbs/day	Tons/yr	Lbs/day		
Primary Crusher	031-0528-6-0045		S									298	C-3
			F	0.630	4.240	0.310	2.080						
1 - 90 TPH Screen	3-05-020-01		S									298	C-3
			F	1.160	7.760	0.390	2.610	0.030	0.180				
Secondary Crusher	3-05-050-02		S									298	C-3
			F	0.500	3.390	0.250	1.670						
3 - 37.5 TPH Screens	3-05-020-21		S									298	C-3
			F	0.560	3.730	0.190	1.250	0.010	0.080				
1 - 35 TPH Tertiary	3-05-020-03		S									298	C-3
			F	0.150	1.020	0.070	0.500						
2 - 35 TPH Tertiary	3-05-020-03		S									298	C-3
			F	0.350	2.370	0.170	1.170						
3 - 37.5 TPH Screens	30-50-2021		S									298	C-3
			F	0.370	2.480	0.120	0.840	0.010	1.060				
Concrete Batching	031-0528-6-0607		S									298	C-3
			F	1.710	11.450	0.480	3.220	0.080	0.570				
Pug Mill	031-0528-6-0861		S									298	C-3
			F	0.040	0.260								
Buell Classifier	031-0528-6-0045	Did Not Operate	S									298	C-3
			F	0.000	0.000	0.000	0.000	0.000	0.000				
TOTAL				5.470	36.700	1.980	13.340	0.130	1.890				

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: 2023

FACILITY NAME: Rockville Batch Plant

FACILITY ID#: 031-00528

POLLUTANT: PM

Equipment Description Registration No.	SCC Number	Fuel		PM- Filterable		PM 10 - Filterable		PM 2.5 - Filterable		PM Condensible		Operation Days/yr	Emissions Method
				Tons/yr	Lbs/day	Tons/yr	Lbs/day	Tons/yr	Lbs/day	Tons/yr	Lbs/day		
Water Heater	1-02-005-02	Heating Oil	S	0.00614	0.04121	0.00332	0.02225	0.00255	0.01710	0.00066	0.02679	298	C-3
031-0528-4-1418			F										
			S										
			F										
			S										
			F										
			S										
			F										
			S										
			F										
			S										
			F										
			S										
			F										
			S										
			F										
TOTAL				0.00614	0.04121	0.00332	0.02225	0.00255	0.01710	0.00066	0.02679		

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

TOXIC AIR POLLUTANTS EMISSIONS CERTIFICATION REPORT

Calendar Year: **2023**

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

FORM 5**BILLABLE TOXIC AIR POLLUTANTS
EMISSIONS CERTIFICATION REPORT**Facility Name: Rockville Crushed StoneFacility ID#: 031-00528Pollutant: NONECalendar Year: 2023

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 calculator based on source test or other measurement

C2- User calculated based on material balance using
engineering knowledge of the process

C3- User calculated based on AP-42

C4- User calculated by best guess/engineering judgement

C5- User calculated based on State or local agency factor

C6- New construction, not operational

C7- Source closed, operation ceased

C8- Computer calculated based on standards

This form to include only the eleven chemicals identified.

S- Stack Emissions

F- Fugitive Emissions

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

FORM 6: Greenhouse Gases

GREENHOUSE GAS AIR POLLUTANTS

Calendar Year: 2023

EMISSIONS CERTIFICATION REPORT

Facility Name: Rockville Batch Plant

Facility ID: 031-00528

Pollutant: CO2

Actual Emissions	Actual Emissions		
Equipment Description/ Registration Number1	Tons/yr	Lbs/day	Lbs/hr
Water Heater 031-0528-4-1418	68.461	459.469	38.289
TOTALS	68.461	459.469	38.289

**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.**

FORM 6: Greenhouse Gases

GREENHOUSE GAS AIR POLLUTANTS

Calendar Year: 2023

EMISSIONS CERTIFICATION REPORT

Facility Name: Rockville Batch Plant

Facility ID: 031-00528

Pollutant: CH4

Actual Emissions	Actual Emissions		
Equipment Description/ Registration Number1	Tons/yr	Lbs/day	Lbs/hr
Water Heater 031-0528-4-1418	0.00066	0.00445	0.00037

TOTALS	0.00066	0.00445	0.00037

**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.**

FORM 6: Greenhouse Gases**GREENHOUSE GAS AIR POLLUTANTS**

Calendar Year: 2023

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	0.00080	0.00536	0.00045

TOTALS	0.00080	0.00536	0.00045

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)

1/15/2008

FORM 6: Greenhouse Gases

GREENHOUSE GAS AIR POLLUTANTS

Calendar Year: 2023

EMISSIONS CERTIFICATION REPORT

Facility Name: Rockville Batch Plant**Facility ID: 031-00528****Pollutant: HFCs**

Actual Emissions	Actual Emissions		
Equipment Description/ Registration Number1	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)

1/15/2008

FORM 6: Greenhouse Gases

GREENHOUSE GAS AIR POLLUTANTS **Calendar Year: 2023**

EMISSIONS CERTIFICATION REPORT

Facility Name: Rockville Batch Plant

Facility ID: 031-00528

Pollutant: PFCs

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)

1/15/2008

FORM 6: Greenhouse Gases

GREENHOUSE GAS AIR POLLUTANTS **Calendar Year: 2023**

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)

1/15/2008

**Rockville Quarry
Year 2023 Totals**

Crushing Plant

	Production (tons)	Days Worked
January	123,050	25
February	107,938	22
March	83,319	26
April	97,891	24
May	102,785	26
June	88,889	26
July	61,322	24
August	80,637	27
September	101,822	25
October	72,812	25
November	59,490	25
December	71,773	23
Total	1,051,729	298

Winter Production	302,761	28.8%
Spring Production	283,995	27.0%
Summer Production	230,848	21.9%
Fall Production	234,125	22.3%

Pug Mill

	Production (tons)	Days Worked
January	9,449	25
February	4,293	22
March	9,139	26
April	8,955	24
May	9,356	26
June	10,579	26
July	12,227	24
August	15,884	27
September	9,524	25
October	16,823	25
November	18,678	25
December	8,675	23
Total	133,584	298

3/8/2024 complete

Concrete Batch Plant

Batch Plant

	Production (Cubic Yards)	Days Worked
January	274	25
February	2,055	22
March	60	26
April	0	24
May	582	26
June	2,187	26
July	1,478	24
August	4,429	27
September	3,654	25
October	1,827	25
November	453	25
December	189	23
Total	17,188	298

Winter Production	2,518	15%
Spring Production	642	4%
Summer Production	8,094	47%
Fall Production	5,934	35%

Pug Mill:

Winter Production	22,417	16.8%
Spring Production	27,450	20.5%
Summer Production	38,691	29.0%
Fall Production	45,026	33.7%

Batch Plant

	Boiler Fuel Usage (gallons)	Days Worked (same as RMC)
January	531	25
February	804	22
March	760	26
April	2,125	24
May	0	26
June	0	26
July	0	24
August	0	27
September	0	25
October	210	25
November	620	25
December	1,090	23
Total	6,140	298

per Brittany Jones

Holcim-MAR, Inc. aka Aggregate Industries
Rockville Quarry 2023 - MDE Air Permit No. 031-00528

3/11/2024 complete

1-900 TPH Primary Crusher Registration No. 031-0528-6-0046

		Processed		Emissions		
PM factor	(controlled)	tons/year	lbs./yr	days	lbs./day	tons/year
0.0012	lbs./ton X	1,051,729	1,262	298	4.24	0.53
PM 10 factor	(controlled)	tons/year	lbs./yr	days	lbs./day	tons/year
0.00059	lbs./ton X	1,051,729	621	298	2.08	0.31

1-900 TPH 6x24 Screen (from Primary Crusher, controlled):

		Processed		Emissions		
PM factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.0022	lbs./ton X	1,051,729	2,314	298	7.76	1.16
PM 10 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00074	lbs./ton X	1,051,729	778	298	2.61	0.39
PM 2.5 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00005	lbs./ton X	1,051,729	53	298	0.18	0.03

1-900 TPH Secondary Crusher, controlled:

		Processed		Emissions		
PM factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.0012	lbs./ton X	841,383	1,010	298	3.39	0.50
PM 10 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00059	lbs./ton X	841,383	496	298	1.67	0.25

80% of original production

3-375 TPH 8x20 Screens, controlled:

		Processed		Emissions		
PM factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.0022	lbs./ton X	504,830	1,111	298	3.73	0.56
PM 10 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00074	lbs./ton X	504,830	374	298	1.25	0.19
PM 2.5 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00005	lbs./ton X	504,830	25	298	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	252,415	303	298	1.02	0.15
PM 10 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00059	lbs./ton X	252,415	149	298	0.50	0.07

30% from Secondary Crusher

2-350 TPH Tertiary Crushers, controlled:

		Processed		Emissions		
PM factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.0012	lbs./ton X	588,968	707	298	2.37	0.35
PM 10 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00059	lbs./ton X	588,968	347	298	1.17	0.17

70% from Secondary Crusher

3-375 TPH 8x20 Screens, controlled:

		Processed		Emissions		
PM factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.0022	lbs./ton X	336,553	740	298	2.48	0.37
PM 10 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00074	lbs./ton X	336,553	249	298	0.84	0.12
PM 2.5 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00005	lbs./ton X	336,553	17	298	0.06	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)		Conversion (1.93 tons/cubic yard)		lbs./yr	days		lbs./day		lbs/ton		tons/day	Work days per year	tons/year
0.1029	X	17,188	X	1.93	=	3,413	/	298	=	11.45	/	2000	=	0.005727	X 298 = 1.71

PM 10 factor (lbs/ton)		(yd ³ /year)		Conversion (1.93 tons/cubic yard)		lbs./yr	days		lbs./day		lbs/ton		tons/day	Work days per year	tons/year
0.0289	X	17,188	X	1.93	=	959	/	298	=	3.22	/	2000	=	0.001609	X 298 = 0.48

PM 2.5 factor lbs/ton		(yd ³ /year)		Conversion (1.93 tons/ cubic yard)		lbs./yr		days		lbs./day		lbs/ton		tons/day		Work days per year		tons/year
0.0051	X	17,188	X	1.93	=	170	/	298	=	0.57	/	2000	=	0.000285	X	298	=	0.08

June 2006 edition
controlled AP-42 factor

Portable Concrete Crushing 6-0598 N No Production in 2022

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

Pug Mill Registration No. 031-0528-8-0861 (Installed 2008)

		Processed	Emissions			
PM 10 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00059	lbs./ton X	133,584	78,81	298	0.26	0.04

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

PM factor	lbs./ton X	Processed	Emissions			
		tons/year	lbs./yr	day/5	lbs./day	tons/year
0.0225		0	0.00	298	0.00	0.00

Fines & Dust 10% of Production

PM 10 factor	lbs./ton X	Processed	Emissions			
		tons/year	lbs./yr	day/5	lbs./day	tons/year
0.0104		0	0.00	298	0.00	0.00

PM 2.5 factor	lbs./ton X	Processed	Emissions			
		tons/year	lbs./yr	day/5	lbs./day	tons/year
0.0041		0	0.00	298	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: 2023

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/ttn/chief

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 (lbs/day) (lb/1,000 gallons)	SO _x (lbs/day) (lb/1,000 gallons)	NO _x (lbs/day) (lb/1,000 gallons)	CO (lbs/day) (lb/1,000 gallons)	VOC (lbs/day) (lb/1,000 gallons)
		MM BTU/hr							
Plantwide Consumption of Heating Oil		2.1M	298	6,140	0.04121	0.89009	0.41208	0.10302	0.00519
Boiler 1	4-1418	2.1M	298	6,140	0.04121	0.89009	0.41208	0.10302	0.00519
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				6,140	0.04121	0.89009	0.41208	0.10302	0.00519

	Registration No./ Equipment	BTU rating for boiler	Days operated	PM (tons/yr)	SO _x (tons/yr)	NO _x (tons/yr)	CO (tons/yr)	VOC (tons/yr)
		MM BTU/hr						
Boiler 1	4-1418	2.1M	298	0.00614	0.13262	0.06140	0.01535	0.00077
Boiler 2			0	0.00000	0.00000	0.00000	0.00000	0.00000
Boiler 3			0	0.00000	0.00000	0.00000	0.00000	0.00000
Boiler 4			0	0.00000	0.00000	0.00000	0.00000	0.00000
Boiler 5			0	0.00000	0.00000	0.00000	0.00000	0.00000
Totals				0.00614	0.13262	0.06140	0.01535	0.00077

	Registration No./ Equipment	BTU rating for boiler	Days operated	Gallons of #2 Fuel Oil	PM ₁₀ (lbs/day) fltt	PM _{2.5} (lbs/day) fltt	Cond PM (lbs/day))	Methane (lbs/day)	CO ₂ (lbs/day)	N ₂ O (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	(lb/1,000 gallons
Plantwide Consumption of Heating Oil				6,140	1.08	0.83	1.3	0.216	22,300	0.26
Boiler 1	4-1410	2.1M	298	6,140	0.02225	0.01710	0.02679	0.00445	459.46980	0.00536
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				6,140	0.02225	0.01710	0.02679	0.00445	459.46980	0.00536

	Registration No./ Equipment	BTU rating for boiler	Days operated	PM ₁₀ (tons/yr) fltt	PM _{2.5} (tons/yr) fltt	Cond PM (tons/yr)	Methane (tons/yr)	CO ₂ (tons/yr)	N ₂ O (tons/yr)
		MM BTU/hr							
Boiler 1	4-1410	2.1M	298	0.00332	0.00255	0.00399	0.00066	68.46100	0.00080
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				0.00332	0.00255	0.00399	0.00066	68.46100	0.00080

Total Emissions From All Sources: 78.28 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

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	6.0-9.0	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.
- If the effluent temperature $\leq 68^{\circ}\text{F}$ (Use III) or $\leq 75^{\circ}\text{F}$ (Use IV), then report "Temperature Difference" = 0, demonstrating compliance. Otherwise proceed to the next step.
 - 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.
 - Calculate "Temperature Difference" = edge of mixing zone temperature (50 feet downstream of discharge) - $[68^{\circ}\text{F}$ (Use III) or $\leq 75^{\circ}\text{F}$ (Use IV)]. If the result is ≤ 0 then report the value which is compliant. If it is > 0 proceed to the next step.
 - 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				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. 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



LIBERAL LEAVE

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Please see Page 2 for information regarding the MDE Administrative Extension for the 15-MM permit.

Enter search term



Department of the Environment



Section Menu

Email Updates

[Click here](#) to subscribe to an email newsletter providing updates regarding MDE's general discharge permits.

General Discharge Permit

General Discharge Permit For Discharges from Mineral Mines, Quarries, Borrow Pits, and Concrete and Asphalt Plants Maryland General Permit No. 15-MM

New! NOTICE - Draft Permit Renewal Announcement New!

The Department has proposed a Tentative Determination and published notice of a Public Hearing for the 22-MM General Permit for Discharges from Mineral Mines, Quarries, Borrow Pits, and Concrete and Asphalt Plants. Information regarding the tentative determination is presented below:

22-MM Tentative Determination Draft Documents

- [22-MM Draft Permit - Tentative Determination](#)
- [Appendix A - Industry Specific Sectors](#)
- [Appendix B - Quarterly Visual Monitoring Form](#)
- [Appendix D - Sector-Specific Requirements for Industrial Activity](#)
- [Appendix E - Definitions & Acronyms](#)
- [22-MM Fact Sheet](#)
- [22-MM Public Notice of Tentative Determination and Public Hearing](#)

The public notice (above) contains a list of changes from the previous permit. Any questions regarding the proposed permit should be directed to Paul Hlavinka at paul.hlavinka@maryland.gov or by telephone at 410-537-3323. Email correspondence is recommended for a more expedient response.

Any written comments regarding the tentative determination should be addressed to Paul Hlavinka. Full details on how to submit comments via email, mail, or fax are included in the public notice.

Important Dates

- **December 22, 2022** - A public hearing is scheduled from 1 p.m. to 3 p.m. in the Aqua Conference room at Maryland Department of the Environment Headquarters, 1800 Washington Blvd., Baltimore, MD 21230. An opportunity to submit oral comments for the record will be provided for all attendees.
- **December 30, 2022** - The deadline for submission of written comments regarding the tentative determination concludes at 5 p.m. on this date.



The 15-MM general permit became effective on May 1, 2017.

Change in Required Documentation

In recognition that the permit is beyond its five-year term, and in recognition that NPDES permits have a maximum duration of five years, the Department is discontinuing the acceptance of new registrations under permit 15-MM. Proposed new discharges from mineral mines, quarries, borrow pits, and concrete and asphalt plants submitted will not be allowed to obtain general permit coverage until a new permit is issued.

In place of permit coverage under the expired permit, the Department has issued an Order to cover proposed new discharges from mineral mines, quarries, borrow pits, and concrete and asphalt plants if an applicant meets the 15-MM eligibility criteria and declares intention to operate in accordance with the terms of the Consent Order and 15-MM. The applicant should submit a Declaration of Intent and complete the registration/certification process in accordance with the requirements otherwise set forth for registrations under permit 15-MM.

- [Consent Order](#)
- [Declaration of Intent \(DOI\)](#)

The below statement was downloaded from the MDE website on 01-09-23.
The quarry discharge permit is a 15-MM

Note that existing registrations under the General Permit 15-MM continue to be covered under the existing administratively extended permit (per the terms of the permit). Please check back here for updates as progress is made towards that end or [sign up for our newsletter](#). Once a draft of the new permit has been proposed to open the public participation process, the Department will take comments prior to arriving at a final permit.

15-MM Permit

- [General Permit No. 15-MM](#) (entire permit w/appendices)
- Individual Permit Sections
 - [Base Permit](#)
 - [Appendix A: List of Sectors Covered](#)
 - [Appendix B: Visual Monitoring Form](#)
 - [Appendix D: Sector Specific Requirements for Industrial Activity](#)
 - [Sector A – Timber Products](#)
 - [Sector C – Chemical & Allied Products Manufacturing, and Refining - includes composting](#)
 - [Sector D – Asphalt Paving and Roofing Materials and Lubricant Manufacturing](#)
 - [Sector E – Glass, Clay, Cement, Concrete, and Gypsum Products](#)
 - [Sector F – Primary Metals](#)
 - [Sector J – Non-Metallic Mineral Mining and Dressing](#)
 - [Sector L – Landfills and Land Application Sites – includes crushed concrete and asphalt](#)
 - [Sector P – Land Transportation and Warehousing](#)
 - [Sector AD.c – Hydrodemolition Operations](#)
 - [Appendix E: Definitions](#)
- [Fact Sheet for General Permit No. 15-MM](#)
- [Response to Comments Document](#)

Forms

- [Notice of Intent \(NOI\)](#)
- Request for Use of Cationic Chemicals
 - [Form](#)
 - [Instructions](#)
- [Permit Transfer Request](#)
- [Notice of Termination \(NOT\)](#)
- No Exposure Certification (NEC):
 - Form [WMA/MDE/PER.067](#)
 - [Guidance Manual for No Exposure](#) **New!**

Supplemental Information

- [Guidance for Completing SWPPPs and NOIs \(15MM & 16MA\)](#)
- [Stormwater Pollution Prevention Plan \(SWPPP\) Template](#)
- [EPA Guidance Documents/SWPPP Assistance](#) (relevant to 15-MM)
- [Current Fee Structure - COMAR 26.08.04.09-1](#) - see section F
- [New pH Sampling Method](#)



- [Industrial Stormwater: How to Collect a Sheet Flow Sample \(YouTube\)](#)
- [Municipal Separate Storm Sewer Systems \(MS4\)](#)
 - [Facts About Maryland's NPDES MS4 Permits - Phase I and II Jurisdictions](#)
 - [NPDES Major MS4 Contacts](#)

10-MM Permit

- [General Permit No. 10-MM](#)

Contact Info

If you have additional questions or would like more information, please contact the Wastewater Permits Program, Industrial & General Discharge Permits Division at 410-537-3323.

Additional Information and Related Links

- [MDE Home](#)
- [Maryland Water Permit Applications](#)


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 1 888 373 7888

 233733

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 [Maryland Governor and Lieutenant Governor](#)

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The Maryland General Assembly's Office of Legislative Audits operates a toll-free fraud hotline to receive allegations of fraud and/or abuse of State government resources. Information reported to the hotline in the past has helped to eliminate certain fraudulent activities and protect State resources.

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1800 Washington Blvd., Baltimore, MD 21230
Phone: 410-537-3600
Maryland Relay TTY (711): 800-735-7268
Human Resources Fax: 410-537-3965

DMR Copy of Record

Permit

Permit #:
Major:

MDG491365
No

Permittee:

Permittee Address:

BARDON, INC. (DBA AGGREGATE INDUSTRIES)
6401 GOLDEN TRIANGLE DRIVE, SUITE 400
MONTGOMERY COUNTY
GREENBELT, MD 20770

Facility:

Facility Location:

ROCKVILLE QUARRY & READY MIX CONCRETE
13900 PINEY MEETINGHOUSE ROAD
MONTGOMERY COUNTY
ROCKVILLE, MD 20850

Permitted F ature:

001
External Outfall

Discharge:

001-E2
Stormwater Benchmarks 15MM1365

Report Date & Status

Monitoring eriod:

From 10/01/23 to 12/31/23

DMR Due Date:

01/28/24

Status:

NetDMR Validated

Considerati ns for Form Completion

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

Principal Ex cutive Officer

First Name:

Last Name:

Miranda
Schalk

Title:

Environmental Engineer

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
						Qualifier 1 Value 1	Qualifier 2 Value 2	Units	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				=	8.8	19 - mg/L	01/90 - Quarterly	GR - GRAB	
										Req Mon QTRR 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

Attachment

Name	Type	Size
Attachment.pdf	pdf	2697208.0

Report Last Saved By

BARDON, II C. (DBA AGGREGATE INDUSTRIES)

User:

ASHTONALBAN

Name:

Ashton Alban

E-Mail:

aalben@eaest.com

Date/Time:

2024-01-24 13:30 (Time Zone: -05:00)

Report Last Signed By

User:

CARROLLJAMES1

Name:

James Carroll

E-Mail:

james.carroll@holckm.com

Date/Time:

2024-01-26 18:02 (Time Zone: -05:00)

DMR Copy of Record

Permit
Permit #: **MDG491365**
Major: **No**

Permittee: **BARDON, INC. (DBA AGGREGATE INDUSTRIES)**
Permittee Address: **6401 GOLDEN TRIANGLE DRIVE, SUITE 400
MONTGOMERY COUNTY
GREENBELT, MD 20770**

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

Permitted Feature: **001
External Outfall**

Discharge: **001-E4
Wastewater Effluent Limits 15MM1385**

Report Date & Status
Monitoring Period: **From 10/01/23 to 10/31/23**

DMR Due Date: **01/26/24**

Status: **Not DMR Validated**

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

Principal Executive Officer
First Name: **Miranda**
Last Name: **Schalk**
No Data Indicator (NODI)
Form NODI: **-**

Title: **Environmental Engineer**

Telephone: **240-521-8835**

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Exc.	Frequency of Analysis	Sample Type
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.						6.4		6.6			19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI					<=	30.0 MX MO AV		60.0 DAILY MX			19 - mg/L		01/30 - Monthly	GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req.									<=	15.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI										9 - Conditional Monitoring - Not Required This Period				
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req.	1728000.0		1728000.0	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

Attachment
Attachment.pdf pdf 2697208.0

Report Last Saved By
BARDON, II C. (DBA AGGREGATE INDUSTRIES)
User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@east.com
Date/Time: 2024-01-24 13:10 (Time Zone: -05:00)

Report Last Signed By

User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@hoicm.com
Date/Time:	2024-01-26 16:02 (Time Zone: -05:00)

Permit #:MDG491365

Major:No

Permittee:BARION, INC. (DBA AGGREGATE INDUSTRIES)

Permittee Address:6401 GOLDEN TRIANGLE DRIVE, SUITE 400
MONTGOMERY COUNTY
GREENBELT, MD 20770

Facility:ROCKVILLE QUARRY & READY MIX CONCRETE

Facility Location:13900 PINEY MEETINGHOUSE ROAD
MONTGOMERY COUNTY
ROCKVILLE, MD 20850

Permitted Feature:001
External Outfall

Discharge:001-E4
Wastewater Effluent Limits 15MM1365

Report Date & Status

Monitoring Period:From 11/01/23 to 11/30/23

DMR Due Date:01/28/24

Status:NetDMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:Miranda

Last Name:Schalk

Title:Environmental Engineer

Telephone:240-521-8835

No Data Indicator (NOD)

Form NOD:

Code	Parameter Name	Monitoring Location	Season #	Param. NOD	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	—	Sample Permit Req.				=	8.1				=	8.1	12 - SU		01/30 - Monthly	GR - GRAB
					Value NOD				>=	6.0 DAILY MN				<=	9.0 DAILY MX	12 - SU		01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	1	—	Sample Permit Req.				=	8.1				=	8.1	12 - SU		01/30 - Monthly	GR - GRAB
					Value NOD				>=	6.5 MO AV MN				<=	8.5 MO AVG	12 - SU		01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	—	Sample Permit Req.							=	3.6		3.9	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NOD							<=	30.0 MX MO AV		60.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	—	Sample Permit Req.									<=	15.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NOD										9 - Conditional Monitoring - Not Required This Period				
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	—	Sample Permit Req.	2880000.0		2880000.0	07 - gal/d									01/30 - Monthly	MS - MEASRD
					Value NOD	Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d									01/30 - Monthly	MS - MEASRD

Submission Note

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

Edit Check errors

No errors.

Comments

Attachment

Name	Type	Size
Attachment.pdf	pdf	2697208.0

Report Last Saved By

BARION, II C, (DBA AGGREGATE INDUSTRIES)

User:ASHTONALBAN

Name:Ashton Alban

E-Mail:aalban@east.com

Date/Time:2024-01-24 13:19 (Time Zone: -05:00)

Report Last Signed By

User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@holcim.com
Date/Time:	2024-01-26 16:02 (Time Zone: -05:00)

DMR Copy of Record

Permit
Permit #: MDG491365
Major: No

Permittee:
Permittee Address: BARDON, INC. (DBA AGGREGATE INDUSTRIES)
6401 GOLDEN TRIANGLE DRIVE, SUITE 400
MONTGOMERY COUNTY
GREENBELT, MD 20770

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

Permitted Feature:
001
External Outfall

Discharge:
001-E4
Wastewater Effluent Limits 15MM1365

Report Date & Status
Monitoring Period: From 12/01/23 to 12/31/23
Considerations for Form Completion
SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS
Principal Executive Officer
First Name: Miranda
Last Name: Schalk
No Data Indicator (NODI)
Form NODI

DMR Due Date: 01/28/24
Status: Not DMR Validated

Title: Environmental Engineer
Telephone: 240-521-8835

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

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
Attachment.pdf pdf 2697208.0
Report Last Saved By
BARDON, II C. (DBA AGGREGATE INDUSTRIES)
User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@east.com
Date/Time: 2024-01-24 13:28 (Time Zone: -05:00)

Report Last Signed By

User:

CARROLLJAMES1

Name:

James Carroll

E-Mail:

james.carroll@holdm.com

Date/Time:

2024-01-26 16:02 (Time Zone: -05:00)

DMR Copy of Record

Permit Permit #: MDG491365 Major: No		Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES) Permittee Address: 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770		Facility: ROCKVILLE QUARRY & READY MIX CONCRETE Facility Location: 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850	
Permitted Feature: 001 External Outfall		Discharge: 001-E5 Wastewater Effluent Limits 15MM1365			
Report Date & Status Monitoring Period: From 10/01/23 to 10/31/23		DMR Due Date: 01/28/24		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			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 =	1728000.0	=	1728000.0	07 - gal/d				01/30 - Monthly	MS - MEASRD
					Permit Req.	Req Mon MD 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	2697208.0

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

User: **ASHTONALBAN**
 Name: **Ashton Alban**
 E-Mail: **aalban@eest.com**
 Date/Time: **2024-01-24 13:09 (Time Zone: -05:00)**

Report Last Signed By
CARROLLJAMES1

User: **James Carroll**
 Name: **James Carroll**
 E-Mail: **james.carroll@hokim.com**
 Date/Time: **2024-01-26 16:02 (Time Zone: -05:00)**

DMR Copy of Record

Permit

Permit #:MDG491365

Major:No

Permitted Feature:001
External Outfall

Report Date & Status

Monitoring Period:From 11/01/23 to 11/30/23

Considerations for Form Completion

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

Principal Executive Officer

First Name:Miranda

Last Name:Schalk

No Data Indicator (NODI)

Form NODI

Permittee:

Permittee Address:

Discharge:

DMR Due Date:

Status:

BARDON, INC. (DBA AGGREGATE INDUSTRIES)

6401 GOLDEN TRIANGLE DRIVE, SUITE 400
MONTGOMERY COUNTY
GREENBELT, MD 20770

001-E5
Wastewater Effluent Limits 15MM1365

01/28/24

NetDMR Validated

Facility:

Facility Location:

Telephone:

ROCKVILLE QUARRY & READY MIX CONCRETE

13900 PINEY MEETINGHOUSE ROAD
MONTGOMERY COUNTY
ROCKVILLE, MD 20850

240-521-8835

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			
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	2697208.0

Report Last Saved By

BARDON, II C. (DBA AGGREGATE INDUSTRIES)

User:

ASHTONALBAN

Name:

Ashton Alban

E-Mail:

aalban@east.com

Date/Time:

2024-01-24 13:17 (Time Zone: -05:00)

Report Last Signed By

User:

CARROLLJAMES1

Name:

James Carroll

E-Mail:

james.carroll@holcim.com

Date/Time:

2024-01-26 16:02 (Time Zone: -05:00)

DMR Copy of Record

Permit
Permit #:
Major:

MDG491365
No

Permittee:
Permittee Address:

BARDON, INC. (DBA AGGREGATE INDUSTRIES)
6401 GOLDEN TRIANGLE DRIVE, SUITE 400
MONTGOMERY COUNTY
GREENBELT, MD 20770

Facility:
Facility Location:

ROCKVILLE QUARRY & READY MIX CONCRETE
13900 PINEY MEETINGHOUSE ROAD
MONTGOMERY COUNTY
ROCKVILLE, MD 20850

Permitted Feature:
Report Date & Status
Monitoring Period:

001
External Outfall
From 12/01/23 to 12/31/23

Discharge:
DMR Due Date:

001-E5
Wastewater Effluent Limits 15MM1365
01/28/24

Status:

Not DMR Validated

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

First Name:
Last Name:

Miranda
Schalk

Title:

Environmental Engineer

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	
					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	=	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	2697208.0

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

User:
Name:
E-Mail:
Date/Time:

ASHTONALBAN
Ashton Alban
aalban@eeest.com
2024-01-24 13:27 (Time Zone: -05:00)

Report Last Signed By

User:
Name:
E-Mail:
Date/Time:

CARROLLJAMES1
James Carroll
james.carroll@holdm.com
2024-01-26 16:02 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:MDG491365

Major:No

Permitted Feature:001
External Outfall

Report Date & Status

Monitoring Period:From 01/01/24 to 03/31/24

Considerations for Form Completion

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

Principal Executive Officer

First Name:Miranda

Last Name:Schalk

No Data Indicator (NODI)

Form NODI:—

Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES)

Permittee Address: 8401 GOLDEN TRIANGLE DRIVE, SUITE 400
MONTGOMERY COUNTY
GREENBELT, MD 20770

Discharge: 001-E2
Stormwater Benchmarks 15MM1365

Facility: ROCKVILLE QUARRY & READY MIX CONCRETE

Facility Location: 13900 PINEY MEETINGHOUSE ROAD
MONTGOMERY COUNTY
ROCKVILLE, MD 20850

DMR Due Date: 04/28/24

Status: NetDMR Validated

Telephone: 240-521-8835

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1 Value 1	Qualifier 2 Value 2	Units	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3				
00530	Solids, total suspended	1 - Effluent Gross	0	—	Sample			=	20.7		19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Permit Req.			Req Mon CRTR AVG		19 - mg/L	01/90 - Quarterly	GR - GRAB		
					Value NODI									

Submission Note

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

Edit Check errors

No errors.

Comments

Attachment

Name	Type	Size
Attachment.pdf	pdf	2681967.0

Report Last Saved By

BARDON, II C. (DBA AGGREGATE INDUSTRIES)

User: ASHTONALBAN

Name: Ashton Alban

E-Mail: aalban@aaest.com

Date/Time: 2024-04-25 10:52 (Time Zone: -04:00)

Report Last Signed By

User: CARROLLJAMES1

Name: James Carroll

E-Mail: james.carroll@holcim.com

Date/Time: 2024-04-25 20:28 (Time Zone: -04:00)

DMR Copy of Record

Permit
Permit #:
Major:

MDG491365
No

Permittee:
Permittee Address:

BARDON, INC. (DBA AGGREGATE INDUSTRIES)
6401 GOLDEN TRIANGLE DRIVE, SUITE 400
MONTGOMERY COUNTY
GREENBELT, MD 20770

Facility:
Facility Location:

ROCKVILLE QUARRY & READY MIX CONCRETE
13900 PINEY MEETINGHOUSE ROAD
MONTGOMERY COUNTY
ROCKVILLE, MD 20850

Permitted Feature:
Report Date & Status
Monitoring Period:

001
External Outfall
From 01/01/24 to 01/31/24

Discharge:
DMR Due Date:

001-E4
Wastewater Effluent Limits 15MM1365
04/28/24

Status:

Not DMR Validated

Considerations for Form Completion
Principal Executive Officer

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

First Name:
Last Name:
No Data Indicator (NODI)
Form NODI:

Miranda
Schalk
—

Title:
Telephone:

Environmental Engineer
240-521-8835

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	—	Sample Permit Req.	=	8.0			>=	6.0 DAILY MN			=	8.0	12 - SU		01/30 - Monthly	GR - GRAB
					Value NODI											12 - SU		01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	1	—	Sample Permit Req.	=	8.0			>=	6.5 MO AV MN			=	8.0	12 - SU		01/30 - Monthly	GR - GRAB
					Value NODI											12 - SU		01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	—	Sample Permit Req.					=	25.5			=	27.0	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI					<=	30.0 MX MO AV			<=	60.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	—	Sample Permit Req.									<=	15.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI										9 - Conditional Monitoring - Not Required This Period				
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	—	Sample Permit Req.	=	4896000.0	=	4896000.0	07 - gal/d								01/30 - Monthly	MS - MEASRD
					Value NODI					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	2681967.0

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

User:
Name:
E-Mail:
Date/Time:

ASHTONALBAN
Ashton Alban
aalban@aeast.com
2024-04-25 10:37 (Time Zone: -04:00)

Report Last Signed By

User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@holdcm.com
Date/Time:	2024-04-25 20:28 (Time Zone: -04:00)

DMR Copy of Record

Permit

Permit #:
Major:

MDG491385
No

Permittee:
Permittee Address:

BARDON, INC. (DBA AGGREGATE INDUSTRIES)
6401 GOLDEN TRIANGLE DRIVE, SUITE 400
MONTGOMERY COUNTY
GREENBELT, MD 20770

Facility:
Facility Location:

ROCKVILLE QUARRY & READY MIX CONCRETE
13900 PINEY MEETINGHOUSE ROAD
MONTGOMERY COUNTY
ROCKVILLE, MD 20850

Permitted Feature:

001
External Outfall

Discharge:

001-E4
Wastewater Effluent Limits 15MM1365

Report Date & Status

Monitoring Period:

From 02/01/24 to 02/29/24

DMR Due Date:

04/28/24

Status:

Not DMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:
Last Name:

Miranda
Schalk

Title:

Environmental Engineer

Telephone:

240-521-8835

No Data Indicator (NODI)

Form NODI

-

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of S.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.	=	7.8			>=	6.0 DAILY MN			=	7.8		12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI												12 - SU	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	1	--	Sample Permit Req.	=	7.8			>=	6.5 MO AV MN			=	7.8		12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI												12 - SU	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.	=	30.0			<=	30.0 MX MO AV			=	31.0		19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI												19 - mg/L	01/30 - Monthly	GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req.									<=	15.0 DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI													9 - Conditional Monitoring - Not Required This Period	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	=	2880000.0	=	2880000.0	07 - gal/d								01/30 - Monthly	MS - MEASRD
					Value NODI					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	2681967.0

Report Last Saved By

BARDON, II C. (DBA AGGREGATE INDUSTRIES)

User:

ASHTONALBAN

Name:

Ashton Alban

E-Mail:

aalban@eest.com

Date/Time:

2024-04-25 10:44 (Time Zone: -04:00)

Report Last Signed By

User:

CARROLLJAMES1

Name:

James Carroll

E-Mail:

james.carroll@hoickm.com

Date/Time:

2024-04-25 20:28 (Time Zone: -04:00)

DMR Copy of Record

Permit
Permit #:MDG491365
Major:No

Permittee:
Permittee Address:
BARDON, INC. (DBA AGGREGATE INDUSTRIES)
6401 GOLDEN TRIANGLE DRIVE, SUITE 400
MONTGOMERY COUNTY
GREENBELT, MD 20770

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

Permitted Feature:
001
External Outfall

Discharge:
001-E4
Wastewater Effluent Limits 15MM1365

Report Date & Status
Monitoring Period:
From 03/01/24 to 03/31/24

DMR Due Date:
04/28/24

Status:
NetDMR Validated

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

Principal Executive Officer
First Name:Miranda
Last Name:Schalk
No Data Indicator (NODI)
Form NODI:--

Title:
Environmental Engineer

Telephone:
240-521-8835

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Exc.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.				=	7.99				=	7.99	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.				=	7.99				=	7.99	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.					6.5			6.7			19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI				<=	30.0 MX MO AV			60.0 DAILY MX			19 - mg/L	01/30 - Monthly	GR - GRAB	
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req.								15.0 DAILY MX			19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI								9 - Conditional Monitoring - Not Required This Period						
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	=	1728000.0	=	1728000.0	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

Attachment

Name	Type	Size
Attachment.pdf	pdf	2681967.0

Report Last Saved By
BARDON, II C. (DBA AGGREGATE INDUSTRIES)
User:ASHTONALBAN
Name:Ashton Alban
E-Mail:aalban@east.com
Date/Time:2024-04-25 10:53 (Time Zone: -04:00)

Report Last Signed By

User:	CARROLLJAMES1
Name:	James Carroll
E-Mail:	james.carroll@holicim.com
Date/Time:	2024-04-25 20:28 (Time Zone: -04:00)

DMR Copy of Record

Permit

Permit #:MDG491365

Major:No

Permitted Feature:001
External Outfall

Report Date & Status

Monitoring Period:From 01/01/24 to 01/31/24

Considerations for Form Completion

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

Principal Executive Officer

First Name:Miranda

Last Name:Schalk

No Data Indicator (NODI)

Form NODI:--

Permittee:BARDON, INC. (DBA AGGREGATE INDUSTRIES)

Permittee Address:6401 GOLDEN TRIANGLE DRIVE, SUITE 400
MONTGOMERY COUNTY
GREENBELT, MD 20770

Discharge:001-E5
Wastewater Effluent Limits 15MM1365

Facility:ROCKVILLE QUARRY & READY MIX CONCRETE

Facility Location:13900 PINEY MEETINGHOUSE ROAD
MONTGOMERY COUNTY
ROCKVILLE, MD 20850

DMR Due Date:04/28/24

Status:NetDMR Validated

Telephone:240-521-8835

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			
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	4896000.0	=	4896000.0	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	2681967.0

Report Last Saved By

BARDON, II C. (DBA AGGREGATE INDUSTRIES)

User:ASHTONALBAN

Name:Ashton Alban

E-Mail:salban@eaest.com

Date/Time:2024-04-25 10:40 (Time Zone: -04:00)

Report Last Signed By

CARROLLJAMES1

Name:James Carroll

E-Mail:james.carroll@holidm.com

Date/Time:2024-04-25 20:28 (Time Zone: -04:00)

DMR Copy of Record

Permit

Permit #:MDG491365

Major:No

Permitted Feature:001
External Outfall

Report Date & Status

Monitoring Period:From 02/01/24 to 02/29/24

Considerations for Form Completion

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

Principal Executive Officer

First Name:Miranda

Last Name:Schalk

No Data Indicator (NODI)

Form NODI:--

Permittee:

Permittee Address:

Discharge:

DMR Due Date:

Status:

BARDON, INC. (DBA AGGREGATE INDUSTRIES)

6401 GOLDEN TRIANGLE DRIVE, SUITE 400
MONTGOMERY COUNTY
GREENBELT, MD 20770

001-E5
Wastewater Effluent Limits 15MM1365

04/28/24

NetDMR Validated

Facility:

Facility Location:

Telephone:

ROCKVILLE QUARRY & READY MIX CONCRETE

13900 PINEY MEETINGHOUSE ROAD
MONTGOMERY COUNTY
ROCKVILLE, MD 20850

240-521-8835

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
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	2681967.0

Report Last Saved By

BARDON, II C. (DBA AGGREGATE INDUSTRIES)

User:ASHTONALBAN

Name:Ashton Alban

E-Mail:aalban@aeest.com

Date/Time:2024-04-25 10:45 (Time Zone: -04:00)

Report Last Signed By

User:CARROLLJAMES1

Name:James Carroll

E-Mail:james.carroll@holdim.com

Date/Time:2024-04-25 20:28 (Time Zone: -04:00)

DMR Copy of Record

Permit

Permit #:
Major:

MDG491365
No

Permittee:

Permittee Address:

BARDON, INC. (DBA AGGREGATE INDUSTRIES)
6401 GOLDEN TRIANGLE DRIVE, SUITE 400
MONTGOMERY COUNTY
GREENBELT, MD 20770

Facility:

Facility Location:

ROCKVILLE QUARRY & READY MIX CONCRETE
13900 PINEY MEETINGHOUSE ROAD
MONTGOMERY COUNTY
ROCKVILLE, MD 20850

Permitted Feature:

001
External Outfall

Discharge:

001-E5
Wastewater Effluent Limits 15MM1365

Report Date & Status

Monitoring Period:

From 03/01/24 to 03/31/24

DMR Due Date:

04/28/24

Status:

Not DMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI:

Miranda
Schalk
-
-

Title:

Environmental Engineer

Telephone:

240-521-8835

Code	Parameter Name	Monitoring Location	Season	Param. ROD	Quantity or Loading				Quality or Concentration				# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	=	1728000.0	=	1728000.0	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	2681967.0

Report Last Saved By

BARDON, II C. (DBA AGGREGATE INDUSTRIES)

User:

ASHTONALBAN

Name:

Ashton Alban

E-Mail:

aalban@eest.com

Date/Time:

2024-04-25 10:54 (Time Zone: -04:00)

Report Last Signed By

User:

CARROLLJAMES1

Name:

James Carroll

E-Mail:

james.carroll@holdm.com

Date/Time:

2024-04-25 20:28 (Time Zone: -04:00)

DMR Copy of Record

Permit
Permit #:
Major:

MDG491365
No

Permittee:
Permittee Address:

BARDON, INC. (DBA AGGREGATE INDUSTRIES)
6401 GOLDEN TRIANGLE DRIVE, SUITE 400
MONTGOMERY COUNTY
GREENBELT, MD 20770

Facility:
Facility Location:

ROCKVILLE QUARRY & READY MIX CONCRETE
13900 PINEY MEETINGHOUSE ROAD
MONTGOMERY COUNTY
ROCKVILLE, MD 20850

Permitted Feature:
Report Date & Status
Monitoring Period:

001
External Outfall
From 01/01/24 to 03/31/24

Discharge:
DMR Due Date:

001-L1
Stormwater Benchmarks 15MM1365
04/28/24

Status:

Not DMR Validated

Considerations for Form Completion

Principal Executive Officer
First Name:
Last Name:
No Data Indicator (NODI)
Form NODI:

Miranda
Schalk
--

Title:
Environmental Engineer

Telephone:

240-521-8835

Code	Parameter Name	Monitoring Location	Excursions	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	--	Sample Permit Req. Value NODI	=	7.8			=	8.0	12 - SU	01/90 - Quarterly	GR - GRAB		
							Req Mon QTR MIN				Req Mon QTR MAX	12 - SU	01/90 - Quarterly	GR - GRAB		
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	=	20.7				19 - mg/L	01/90 - Quarterly	GR - GRAB			
							Req Mon QTR AVG				19 - mg/L	01/90 - Quarterly	GR - GRAB			

Submission Note

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

Edit Check errors

No errors.

Comments

Attachment

Name	Type	Size
Attachment.pdf	pdf	2681967.0

Report Last Saved By
BARDON, Ir C. (DBA AGGREGATE INDUSTRIES)
User:
Name:
E-Mail:
Date/Time:

ASHTONALBAN
Ashton Alban
aalban@east.com
2024-04-25 10:59 (Time Zone: -04:00)

Report Last Signed By
User:
Name:
E-Mail:
Date/Time:

CARROLLJAMES1
James Carroll
james.carroll@holcim.com
2024-04-25 20:28 (Time Zone: -04:00)

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Permit

Permit #:
Major:

MDG491365
No

Permittee:
Permittee Address:

BARDON, INC. (DBA AGGREGATE INDUSTRIES)
6401 GOLDEN TRIANGLE DRIVE, SUITE 400
MONTGOMERY COUNTY
GREENBELT, MD 20770

Facility:
Facility Location:

ROCKVILLE QUARRY & READY MIX CONCRETE
13900 PINEY MEETINGHOUSE ROAD
MONTGOMERY COUNTY
ROCKVILLE, MD 20850

Permitted Feature:

001
External Outfall

Discharge:

001-E2
Stormwater Benchmarks 15MM1365

Report Date & Status

Monitoring Period:

From 04/01/24 to 06/30/24

DMR Due Date:

07/28/24

Status:

Not DMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:
Last Name:

Miranda
Schalk

Title:

Environmental Engineer

Telephone:

240-521-8835

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	Qualifier 3	Value 3	Units	
00530	Solids, total suspended	1 - Effluent Gross	0	--								6.1				19 - mg/L	01/90 - Quarterly	GR - GRAB
														Req Mon QRTR AVG		19 - mg/L	01/90 - Quarterly	GR - GRAB

Submission Note

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Edit Check errors

No errors.

Comments

Attachment

Name	Type	Size
Attachment.pdf	pdf	2613029.0

Report Last Saved By

BARDON, II C. (DBA AGGREGATE INDUSTRIES)

User:

ASHTONALBAN

Name:

Ashton Alban

E-Mail:

aalban@eeest.com

Date/Time:

2024-07-26 10:36 (Time Zone: -04:00)

Report Last Signed By

MISCHALK

User:

Miranda Schalk

Name:

miranda.schalk@hoicm.com

E-Mail:

2024-07-29 09:58 (Time Zone: -04:00)

Date/Time:

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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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 Features:	001 External Outfall	Discharge:	001-E4 Wastewater Effluent Limits 15MM1365		
Report Date & Status					
Monitoring Period:	From 04/01/24 to 04/30/24	DMR Due Date:	07/28/24	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 #	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req.	=	8.01				8.01		8.01		8.01	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.	=	8.01				8.01		8.01		8.01	12 - SU	01/30 - Monthly	GR - GRAB	
					Value NODI	>=	8.5 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.						7.1		7.3		7.3	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI						30.0 MX MO AV		60.0 DAILY MX		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		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.	=	2016000.0	=	2016000.0	07 - gald							01/30 - Monthly	MS - MEASRD	
					Value NODI		Req Mon MO AVG		Req Mon DAILY MX	07 - gald							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	2513029.0
Report Last Saved By			
BARDON, II C. (DBA AGGREGATE INDUSTRIES)			
User:	ASHTONALBAN		
Name:	Ashton Alban		
E-Mail:	aalban@east.com		
Date/Time:	2024-07-26 10:32 (Time Zone: -04:00)		
Report Last Signed By			
User:	MISCHALK		
Name:	Miranda Schalk		
E-Mail:	miranda.schalk@holcim.com		
Date/Time:	2024-07-29 09:48 (Time Zone: -04:00)		

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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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 Date - & Status	Monitoring Period: From 05/01/24 to 05/31/24		DMR Due Date: 07/28/24		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	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.	=	8.3				8.3			=	8.3	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.	=	8.3				8.3			=	8.3	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.						7.75			=	8.1	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.									<=	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.	=	2016000.0	=	2016000.0	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

Attachment

	Name	Type	Size
Attachment.pdf		pdf	2513029.0
Report Last Saved By			
BARDON, II C. (DBA AGGREGATE INDUSTRIES)			
User:	ASHTONALBAN		
Name:	Ashton Alban		
E-Mail:	aalban@eeest.com		
Date/Time:	2024-07-26 10:33 (Time Zone: -04:00)		
Report Last Signed By			
User:	MISCHALK		
Name:	Miranda Schalk		
E-Mail:	miranda.schalk@holcim.com		
Date/Time:	2024-07-29 09:51 (Time Zone: -04:00)		

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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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 Date & Status																			
Monitoring Period:	From 06/01/24 to 06/30/24	DMR Due Date:	07/28/24		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 #	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 2	Value 2	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req.	=	8.3				8.3			=	8.3	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.	=	8.3				8.3			=	8.3	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.						3.45			=	3.5	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI						30.0 MX MO AV			<=	60.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req.									<=	15.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI										9 - Conditional Monitoring - Not Required This Period				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req.	=	1440000.0	=	1440000.0	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																			
Attachment																			

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

Attachment.pdf		pdf	2513029.0
<i>Report Last Saved By</i>			
BARDON, IT C. (DBA AGGREGATE INDUSTRIES)			
<i>User:</i>			
ASHTONALBAN			
<i>Name:</i>			
Ashton Alban			
<i>E-Mail:</i>			
aalban@eeet.com			
<i>Date/Time:</i>			
2024-07-26 10:36 (Time Zone: -04:00)			
<i>Report Last Signed By</i>			
<i>User:</i>			
MISCHALK			
<i>Name:</i>			
Miranda Schalk			
<i>E-Mail:</i>			
miranda.schalk@hoicim.com			
<i>Date/Time:</i>			
2024-07-29 09:58 (Time Zone: -04:00)			

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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Permit

Permit #:
Major:

MDG491385
No

Permittee:
Permittee Address:

BARDON, INC. (DBA AGGREGATE INDUSTRIES)
6401 GOLDEN TRIANGLE DRIVE, SUITE 400
MONTGOMERY COUNTY
GREENBELT, MD 20770

Facility:
Facility Location:

ROCKVILLE QUARRY & READY MIX CONCRETE
13900 PINEY MEETINGHOUSE ROAD
MONTGOMERY COUNTY
ROCKVILLE, MD 20850

Permitted Feature:

001
External Outfall

Discharge:

001-E5
Wastewater Effluent Limits 15MM1365

Report Date & Status

Monitoring Period:

From 04/01/24 to 04/30/24

DMR Due Date:

07/28/24

Status:

NetDMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:

Miranda

Last Name:

Schalk

Title:

Environmental Engineer

Telephone:

240-521-8835

No Data Indicator (NODI)

Form NODI:

-

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	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	
					Previous Reg		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	2513029.0

Report Last Saved By

BARDON, Ir C. (DBA AGGREGATE INDUSTRIES)

User:

ASHTONALBAN

Name:

Ashton Alban

E-Mail:

aalban@easest.com

Date/Time:

2024-07-26 10:31 (Time Zone: -04:00)

Report Last Signed By

User:

MISCHALK

Name:

Miranda Schalk

E-Mail:

miranda.schalk@holcim.com

Date/Time:

2024-07-29 09:45 (Time Zone: -04:00)

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Permit

Permit #
Major:

MDG491365
No

Permittee:
Permittee Address:

BARDON, INC. (DBA AGGREGATE INDUSTRIES)
9401 GOLDEN TRIANGLE DRIVE, SUITE 400
MONTGOMERY COUNTY
GREENBELT, MD 20770

Facility:
Facility Location:

ROCKVILLE QUARRY & READY MIX CONCRETE
13900 PINEY MEETINGHOUSE ROAD
MONTGOMERY COUNTY
ROCKVILLE, MD 20850

Permitted Feature:

001
External Outfall

Discharge:

001-E5
Wastewater Effluent Limits 15MM1365

Report Date & Status

Monitoring Period:

From 05/01/24 to 05/31/24

DMR Due Date:

07/28/24

Status:

NetDMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:
Last Name:

Miranda
Schalk

Title:

Environmental Engineer

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	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	—	Sample Permit Req	2016000.0	Req Mon MO AVG	2016000.0	07 - gal/d					01/30 - Monthly		MS - MEASRD
					Value NODI				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	2513029.0

Report Last Saved By

BARDON, II C. (DBA AGGREGATE INDUSTRIES)

User:

ASHTONALBAN

Name:

Ashton Alban

E-Mail:

aalban@eest.com

Date/Time:

2024-07-26 10:33 (Time Zone: -04:00)

Report Last Signed By

MISCHALK

User:

Miranda Schalk

Name:

miranda.schalk@hokcm.com

E-Mail:

Date/Time:

2024-07-29 09:50 (Time Zone: -04:00)

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Permit

Permit #
Major:

MDG491365
No

Permittee:
Permittee Address:

BARDON, INC. (DBA AGGREGATE INDUSTRIES)
6401 GOLDEN TRIANGLE DRIVE, SUITE 400
MONTGOMERY COUNTY
GREENBELT, MD 20770

Facility:
Facility Location:

ROCKVILLE QUARRY & READY MIX CONCRETE
13900 PINEY MEETINGHOUSE ROAD
MONTGOMERY COUNTY
ROCKVILLE, MD 20850

Permitted Feature:

001
External Outfall

Discharge:

001-E5
Wastewater Effluent Limits 15MM1365

Report Date & Status

Monitoring Period:

From 06/01/24 to 06/30/24

DMR Due Date:

07/28/24

Status:

NetDMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:
Last Name:

Miranda
Schalk

Title:

Environmental Engineer

Telephone:

240-521-8835

No Data Indicator (NODI)

Form NODI:

-

Code	Parameter Name	Monitoring Location	Season #	Permit NODI	Sample	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample		1440000.0		1440000.0	07 - gald								01/30 - Monthly		MS - MEASRD
					Permit Req		Req Mon MO AVG		Req Mon DAILY MX	07 - gald								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	2513029.0

Report Last Saved By

BARDON, IT C (DBA AGGREGATE INDUSTRIES)

User:

ASHTONALBAN

Name:

Ashton Alban

E-Mail:

aalban@eest.com

Date/Time:

2024-07-26 10:35 (Time Zone: -04:00)

Report Last Signed By

User:

MISCHALK

Name:

Miranda Schalk

E-Mail:

miranda.schalk@holcim.com

Date/Time:

2024-07-29 09:54 (Time Zone: -04:00)

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(i)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information is estimated to average 2 hours per output. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

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 Future:	001 External Outfall	Discharge:	001-E2 Stormwater Benchmarks 15MM1365		
Report Date & Status		DMR Due Date:	10/28/24	Status:	Not DMR Validated
Monitoring Period: From 07/01/24 to 09/30/24					
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	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3			
00530	Solids, total suspended	1 - Effluent Gross	0	--									9.9			19 - mg/L	01/90 - Quarterly	GR - GRAB
													Req Mon QTR AVG			19 - mg/L	01/90 - Quarterly	GR - GRAB

Submission Note

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

Edit Check errors

No errors.

Comments

Attachment

Name	Type	Size
Attachment.pdf	pdf	12897231.0

Report Last Saved By

BARDON, II C. (DBA AGGREGATE INDUSTRIES)

User: ASHTONALBAN

Name: Ashton Alben

E-Mail: aaalban@eaest.com

Date/Time: 2024-10-25 12:58 (Time Zone: -04:00)

Report Last Signed By

User: MISCHALK

Name: Miranda Schalk

E-Mail: miranda.schalk@holcim.com

Date/Time: 2024-10-28 13:14 (Time Zone: -04:00)

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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Permit		Permit #		MDG491385		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 15MM1385													
Report Date & Status		Monitoring Period:		From 08/01/24 to 08/31/24		DMR Due Date:		10/28/24		Status:		Not DMR 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	System #	Param NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 2	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req.	=	8.4			>=	6.0 DAILY MN			=	8.4	12 - SU	01/30 - Monthly	GR - GRAB	
					Value NODI											12 - SU	01/30 - Monthly	GR - GRAB	
00400	pH	1 - Effluent Gross	1	-	Sample Permit Req.	=	8.4			>=	8.5 MO AV MN			=	8.4	12 - SU	01/30 - Monthly	GR - GRAB	
					Value NODI											12 - SU	01/30 - Monthly	GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req.	=	23.5			<=	30.0 MX MO AV			=	24.0	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI											19 - mg/L	01/30 - Monthly	GR - GRAB	
03582	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req.									<=	15.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req.	=	2880000.0			=	2880000.0							01/30 - Monthly	MS - MEASRD
					Value NODI													01/30 - Monthly	MS - MEASRD
						Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d										
Submission Note																			
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																			
Edit Check errors																			
No errors.																			
Comments																			
Attachment																			

	Name	Type	Size
Attachment.pdf		pdf	12897231.0

Report Last Saved By

BARDON, II C. (DBA AGGREGATE INDUSTRIES)

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@eeest.com
Date/Time: 2024-10-25 12:44 (Time Zone: -04:00)

Report Last Signed By

User: MISCHALK
Name: Miranda Schalk
E-Mail: miranda.schalk@holcim.com
Date/Time: 2024-10-28 13:13 (Time Zone: -04:00)

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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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 Date & Status																			
Monitoring Period:	From 09/01/24 to 09/30/24		DMR Due Date:	10/28/24		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	Param. NOD	Qualifier	Value 1	Qualifier	Value 2	Units	Qualifier	Value 1	Qualifier	Value 2	Quantity or Concentration	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.				=	7.08				=	7.08		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.				=	7.08				=	7.08		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.				=	3.1				=	3.2		19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI				<=	30.0 MX MO AV				<=	60.0 DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req.									<=	15.0 DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI										9 - Conditional Monitoring - Not Required This Period				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.				=	3168000.0				=	3168000.0		07 - gal/d	01/30 - Monthly	MS - MEASRD
					Value NODI				Req Mon MO AVG					Req Mon DAILY MX		07 - gal/d	01/30 - Monthly	MS - MEASRD	
Submission Note																			
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																			
Edit Check errors																			
No errors.																			
Comments																			
Attachment																			

	Name	Type	Size
Attachment.pdf		pdf	12897231.0
Report Last Saved By			
BARDON, IT C. (DBA AGGREGATE INDUSTRIES)			
User:	ASHTONALBAN		
Name:	Ashton Alban		
E-Mail:	aalban@eaest.com		
Date/Time:	2024-10-25 12:57 (Time Zone: -04:00)		
Report Last Signed By			
User:	MISCHALK		
Name:	Miranda Schalk		
E-Mail:	miranda.schalk@holcim.com		
Date/Time:	2024-10-28 13:13 (Time Zone: -04:00)		

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Permit

Permit #:MDG491385

Major:No

Permitted Feature:001
External Outfall

Report Date & Status

Monitoring Period:From 09/01/24 to 09/30/24

Considerations for Form Completion

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

Principal Executive Officer

First Name:Miranda

Last Name:Schalk

No Data Indicator (NODI)

Form NODI:

Permittee:

Permittee Address:

Discharge:

DMR Due Date:

Status:

Facility:

Facility Location:

Title:

Telephone:

BARDON, INC. (DBA AGGREGATE INDUSTRIES)

6401 GOLDEN TRIANGLE DRIVE, SUITE 400
MONTGOMERY COUNTY
GREENBELT, MD 20770

001-E5
Wastewater Effluent Limits 15MM1385

10/28/24

NetDMR Validated

ROCKVILLE QUARRY & READY MIX CONCRETE

13900 PINEY MEETINGHOUSE ROAD
MONTGOMERY COUNTY
ROCKVILLE, MD 20850

Environmental Engineer

240-521-8835

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading				Quantity or Concentration					# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Qualifier 4	Value 4	Qualifier 5			
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
					Param. Rec										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

Attachment.pdf

Report Last Saved By

BARDON, II C. (DBA AGGREGATE INDUSTRIES)

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

ASHTONALBAN

Ashton Alban

aalban@aaet.com

2024-10-25 12:55 (Time Zone: -04:00)

MISCHALK

Miranda Schalk

miranda.schalk@holcim.com

2024-10-28 13:13 (Time Zone: -04:00)

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(i)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per form. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

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	12897231.0
Report Last Saved By			
BARDON, II C. (DBA AGGREGATE INDUSTRIES)			
User:	ASHTONALBAN		
Name:	Ashton Alban		
E-Mail:	aalban@east.com		
Date/Time:	2024-10-25 12:54 (Time Zone: -04:00)		
Report Last Signed By			
User:	MISCHALK		
Name:	Miranda Schalk		
E-Mail:	miranda.schalk@holcim.com		
Date/Time:	2024-10-28 15:12 (Time Zone: -04:00)		

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

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 Date & Status					
Monitoring Period:	From 07/01/24 to 09/30/24	DMR Due Date:	10/28/24	Status:	NetDMR Validated
Considerations for Form Completion					
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						7.08				8.4	12 - SU	01/90 - Quarterly
					Permit Req.						Req Mon QRTX MIN				Req Mon QRTX MAX	12 - SU	01/90 - Quarterly
					Value NODI												
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								9.9			19 - mg/L	01/90 - Quarterly
					Permit Req.								Req Mon QRTX AVG			19 - mg/L	01/90 - Quarterly
					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	12897231.0

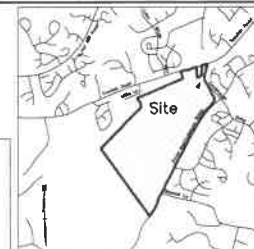
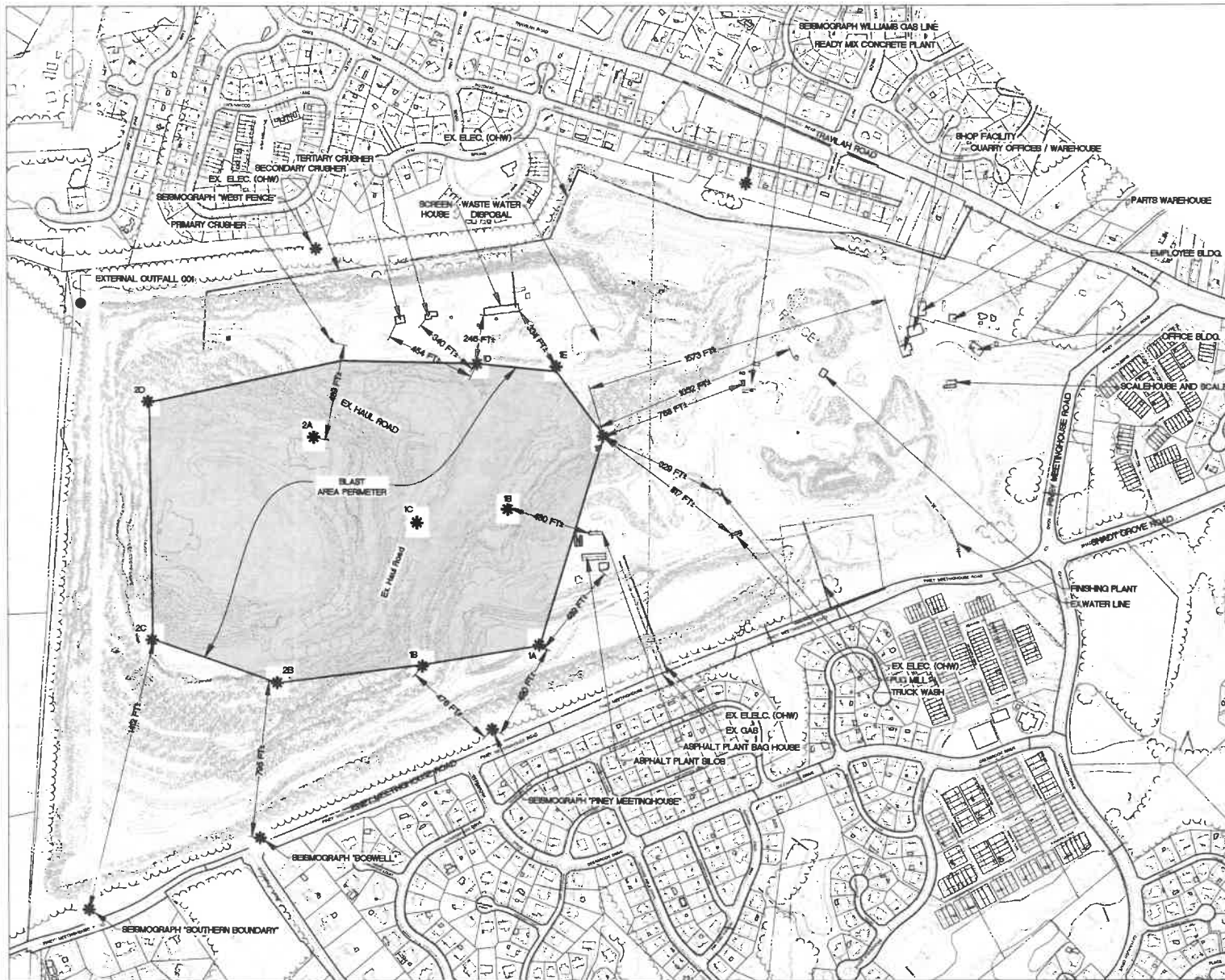
Report Last Saved By

BARDON, II S. (DBA AGGREGATE INDUSTRIES)

User: ASHTONALBAN
Name: Ashton Alban
E-Mail: aalban@east.com
Date/Time: 2024-10-25 12:48 (Time Zone: -04:00)

Report Last Signed By

User: MISCHALK
Name: Miranda Schalk
E-Mail: miranda.schalk@holcim.com
Date/Time: 2024-10-28 15:13 (Time Zone: -04:00)



RODGERS CONSULTING
 1800 Capital Square, Suite 200
 Columbia, Maryland 21046
 Phone: 410.326.1400
 Fax: 410.326.1401
 Email: info@rogersconsulting.com
 Project Manager: Robert Graham
 Designer: Robert Graham
 Checker: Robert Graham
 Date: 2024.07.11

VICINITY MAP
 SCALE: 1" = 2000'

LEGEND	
●	PROPERTY MARKER FOUND
—	DIAMETER
—	TREE WITH FENCE - VINE
—	BIGH
—	UTILITY POLE
—	EXISTING PROPERTY MARKER FOUND
—	WOOD OR METAL POST
—	FENCE LINE
—	EXISTING ELEC. (CHW)
—	EXISTING WATER LINE

1. BLASTING STATION, SCALE AND OPERATING SCHEDULES MUST BE SUBMITTED TO THE STATE OF MARYLAND AND THE FEDERAL BUREAU OF INVESTIGATION (FBI) FOR REVIEW AND APPROVAL. DATE OF SUBMITTAL: 2024.07.11.
2. PROPERTY INFORMATION WAS OBTAINED FROM THE STATE OF MARYLAND AND THE FEDERAL BUREAU OF INVESTIGATION (FBI) FOR REVIEW AND APPROVAL. DATE OF SUBMITTAL: 2024.07.11.
3. ALL PROPERTY INFORMATION FOUND WAS OBTAINED FROM THE STATE OF MARYLAND AND THE FEDERAL BUREAU OF INVESTIGATION (FBI) FOR REVIEW AND APPROVAL. DATE OF SUBMITTAL: 2024.07.11.
4. THE BLASTING STATION, SCALE AND OPERATING SCHEDULES MUST BE SUBMITTED TO THE STATE OF MARYLAND AND THE FEDERAL BUREAU OF INVESTIGATION (FBI) FOR REVIEW AND APPROVAL. DATE OF SUBMITTAL: 2024.07.11.
5. THE BLASTING STATION, SCALE AND OPERATING SCHEDULES MUST BE SUBMITTED TO THE STATE OF MARYLAND AND THE FEDERAL BUREAU OF INVESTIGATION (FBI) FOR REVIEW AND APPROVAL. DATE OF SUBMITTAL: 2024.07.11.
6. THE BLASTING STATION, SCALE AND OPERATING SCHEDULES MUST BE SUBMITTED TO THE STATE OF MARYLAND AND THE FEDERAL BUREAU OF INVESTIGATION (FBI) FOR REVIEW AND APPROVAL. DATE OF SUBMITTAL: 2024.07.11.

TRAVILAH QUARRY
BLASTING AREA & SITE PLAN
 Property of Bardon, Inc.
 L.2740 F.64
 Darnestown Election District 6
 Montgomery County, MD

NO.	DATE	DESCRIPTION
1	2024.07.11	PROJECT - Initial Submittal
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Blasting Area & Site Plan
 SCALE: 1" = 200'

Prepared by: Robert Graham
 Checked by: Robert Graham
 Date: 2024.07.11

BSP-01

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 2024, 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 pneumatic 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 95% complete and will be completed by the end of 2025. 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.



CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
12/16/2024

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

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

PRODUCER Aon Risk Services Southwest, Inc. Houston TX Office 1300 Post Oak Blvd., Suite 1400 Houston TX 77056 USA	CONTACT NAME: PHONE (A/C. No. Ext): (866) 283-7122 FAX (A/C. No.): (800) 363-0105 E-MAIL ADDRESS:														
INSURED Holcim - MAR, Inc. 6211 Ann Arbor Road Dundee MI 48131 USA	<table><tr><th>INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr><tr><td>INSURER A: Indemnity Insurance Co of North America</td><td>43575</td></tr><tr><td>INSURER B: ACE Fire Underwriters Insurance Co.</td><td>20702</td></tr><tr><td>INSURER C: ACE American Insurance Company</td><td>22667</td></tr><tr><td>INSURER D: American Guarantee & Liability Ins Co</td><td>26247</td></tr><tr><td>INSURER E:</td><td></td></tr><tr><td>INSURER F:</td><td></td></tr></table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Indemnity Insurance Co of North America	43575	INSURER B: ACE Fire Underwriters Insurance Co.	20702	INSURER C: ACE American Insurance Company	22667	INSURER D: American Guarantee & Liability Ins Co	26247	INSURER E:		INSURER F:	
INSURER(S) AFFORDING COVERAGE	NAIC #														
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INSURER C: ACE American Insurance Company	22667														
INSURER D: American Guarantee & Liability Ins Co	26247														
INSURER E:															
INSURER F:															

COVERAGES**CERTIFICATE NUMBER:** 570109777033**REVISION NUMBER:**

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

Limits shown are as requested

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
C	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:			HDOG4893867A	10/01/2024	10/01/2025	EACH OCCURRENCE \$10,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$10,000,000 MED EXP (Any one person) \$5,000 PERSONAL & ADV INJURY \$10,000,000 GENERAL AGGREGATE \$20,000,000 PRODUCTS - COM/PO/ AGG \$20,000,000
C	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY			ISA H11364421 Auto - (AOS) ISA H11364470 Auto - (NH) - \$50K CSL	10/01/2024	10/01/2025	COMBINED SINGLE LIMIT (Ea accident) \$10,000,000 BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)
D	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION			AUC014440108 SIR applies per policy terms & conditions	10/01/2024	10/01/2025	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000
A	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N N			WLRC72608185 WC - AOS SCFC72608227 WC - Retro (WI)	10/01/2024	10/01/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE-EA EMPLOYEE \$1,000,000 E.L. DISEASE-POLICY LIMIT \$1,000,000
B	ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Bardon, Inc. is now Holcim - MAR, Inc. Insured is self-insured on physical damage for all owned, leased and rented autos. Montgomery County-Dept. of Environmental Protection is included as Additional Insured in accordance with the policy provisions of the General Liability policy.

CERTIFICATE HOLDER**CANCELLATION**

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

Holder Identifier :

570109777033

Certificate No :



Bond Number 929517725

**PERFORMANCE BOND FOR
QUARRY LICENSE**

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

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

Sealed with our respective seals and dates this 6th day of January,
20 11.


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

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

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

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

ATTEST:


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

ALAN P. PERNEY
Print Name

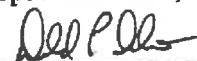
Witness

Countersigned by:

No Longer Required

CCE/PP-1408p

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

✓ 
Corp. Pres. or Vice President. (Signature)

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

Western Surety Company
Print Name (Bonding Company)


Attorney-in-Fact (Signature)

Stephanie Garahana
Print Name

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

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

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

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

- In Unlimited Amounts -

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

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

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



WESTERN SURETY COMPANY

Paul T. Bruflat, Senior Vice President

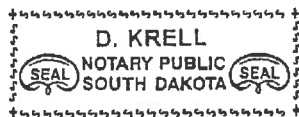
State of South Dakota
County of Minnehaha

} ss

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

My commission expires

November 30, 2012



D. Krell, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 17th day of January, 2011.



WESTERN SURETY COMPANY

L. Nelson, Assistant Secretary

VERIFICATION OF BOND IN FORCE
Form SB-3

Type of Bond: Reclamation Bond

Name of Principal: BARDON, INC.

Obligee: MONTGOMERY COUNTY, MARYLAND

Carrier: WESTERN SURETY COMPANY

Bond Number: 929517725

Effective Date: January 6, 2025

Limit: \$ 100,735.00

Premium: \$ 504.00

This Bond is continuous with no definite expiration date. Sufficient Premium has been paid to satisfy the requirements of the Carrier for this bond to January 6, 2026.

WESTERN SURETY COMPANY

By: *Lisa A. Ward*
Lisa A. Ward Attorney in Fact

Date: 12/17/2024



Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

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

Lupe Tyler, Lisa A Ward, Terri L Morrison, Gina A Rodriguez, Andrea M Penalzoza, Donna L Williams, Vanessa Dominguez, Misty Wright, Amanda George, Individually

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

- In Unlimited Amounts -

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

This Power of Attorney is made and executed pursuant to and by authority of the Authorizing By-Laws and Resolutions printed at the bottom of this page, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 5th day of February, 2024.



WESTERN SURETY COMPANY

Larry Kasten, Vice President

State of South Dakota }
County of Minnehaha } ss

On this 5th day of February, 2024, before me personally came Larry Kasten, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

March 2, 2026



M. Bent, Notary Public

CERTIFICATE

I, Paula Kolsrud, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law and Resolutions of the corporation printed below this certificate are still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 17th day of December, 2024.



WESTERN SURETY COMPANY

Paula Kolsrud, Assistant Secretary

Authorizing By-Laws and Resolutions

ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY

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

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

This Power of Attorney is signed by Larry Kasten, Vice President, who has been authorized pursuant to the above Bylaw to execute power of attorneys on behalf of Western Surety Company.

This Power of Attorney may be signed by digital signature and sealed by a digital or otherwise electronic-formatted corporate seal under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 27th day of April, 2022:

"RESOLVED: That it is in the best interest of the Company to periodically ratify and confirm any corporate documents signed by digital signatures and to ratify and confirm the use of a digital or otherwise electronic-formatted corporate seal, each to be considered the act and deed of the Company."

Go to www.cnasurety.com > Owner / Obligor Services > Validate Bond Coverage, if you want to verify bond authenticity.



DEPARTMENT OF PERMITTING SERVICES

Marc Elrich
County Executive

Rabbiah Sabbakhan
Director

SEDIMENT CONTROL PERMIT

Issue Date: 08/01/2001

Permit No: 203770
Expires: 08/01/2030
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

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: \$ 30,162.66

SUBDIVISION: TRAVILAH QUARRY

Director, Department of Permitting Services

Holcim - Rockville Quarry – December 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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North America

MONTH / YEAR:

Dec-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
12/5/2023 10:59am	31-23	Level 5, Hole depth 37-47 feet	39.07733N, -77.22497W	Cloudy, 42.46 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	1,705	19.2/17.9/27.8	0.033/0.028/0.020	112.3
		B. Piney Meetinghouse	887	29.4/22.7/41.7	0.318/0.133/0.203	116.6
		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

*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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North America

MONTH / YEAR:

Dec-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
12/20/2023 1:19pm	34-23	Level 5, Hole depth 52 feet	39.07775N, -77.226113W	Sunny, 41.34 degrees F	No complaints	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	1,907	16.7/19.2/20.8	0.030/0.025/0.025	109.8
		<i>B. Piney Meetinghouse</i>	1,244	25.0/27.8/35.7	0.177/0.122/0.177	109.7
		<i>C. West Fence</i>	1,417	38.5/38.5/25.0	0.025/0.025/0.018	121.6
		<i>D. Williams Gasline</i>	2,141	50.0/27.8/62.5	0.037/0.030/0.020	107.8
		<i>E. Southern Boundary</i>	3,024	N/A	<0.02	<120
		<i>F. 13603 Pine View Lane</i>	2,067	N/A	<0.02	<120
		<i>G. 13611 Pine View Lane</i>	2,234	N/A	<0.02	<124
		<i>H. 13211 Valley Drive</i>	8,086	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).

Holcim - Rockville Quarry – January 2024 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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Jan-24

☐

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
1/5/2024 11:46am	01-24	Level 5, Hole depth 39 feet	39.077531N, -77.226297W	Cloudy, 33 degrees F	One complainant. Quarry management followed up with complainant.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,841	31.3/31.2/12.5	0.043/0.052/0.035	109.2
		B. Piney Meetinghouse	1,267	29.4/29.4/26.3	0.290/0.158/0.120	108.2
		C. West Fence	1,402	31.2/27.8/20.0	0.045/0.022/0.022	121.3
		D. Williams Gasline	2,226	25.0/31.2/22.7	0.028/0.037/0.022	107.8
		E. Southern Boundary	2,940	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,017	38.5/50.0/23.8	0.022/0.028/0.015	114
		G. 13611 Pine View Lane	2,197	38.5/20.0/27.8	0.022/0.018/0.010	110.4
		H. 13211 Valley Drive	8,117	27.8/50.0/41.7	0.020/0.015/0.025	93.8

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

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

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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Jan-24

☐

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
1/23/2024 10:49am	02-24	Level 5, Hole depth 37 feet	39.07733N, -77.22497W	Cloudy, 33.46 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	1,705	N/A	<0.02	<120
		<i>B. Piney Meetinghouse</i>	887	27.8/26.3/38.5	0.185/0.100/0.117	103.4
		<i>C. West Fence</i>	1,775	N/A	<0.02	<120
		<i>D. Williams Gasline</i>	2,297	N/A	<0.02	<120
		<i>E. Southern Boundary</i>	2,904	N/A	<0.02	<120
		<i>F. 13603 Pine View Lane</i>	2,017	N/A	<0.02	<120
		<i>G. 13611 Pine View Lane</i>	2,580	N/A	<0.02	<124
		<i>H. 13211 Valley Drive</i>	7,735	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).

Holcim - Rockville Quarry – February 2024 Blast Locations



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

Holcim - Rockville Quarry – February 2024 Blast Locations Up Close



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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Feb-24

☐

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
2/2/2024 11:05am	03-2024	Level 5, Hole depth 37 feet	39.07705N, -77.22473W	Cloudy, 44.83 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	1,599	11.9/13.2/10.9	0.028/0.028/0.018	106.4
		<i>B. Piney Meetinghouse</i>	792	21.7/26.3/33.3	0.383/0.340/0.230	110.1
		<i>C. West Fence</i>	1,878	N/A	<0.02	<120
		<i>D. Williams Gasline</i>	2,405	N/A	<0.02	<120
		<i>E. Southern Boundary</i>	2,816	N/A	<0.02	<120
		<i>F. 13603 Pine View Lane</i>	2,473	N/A	<0.02	<120
		<i>G. 13611 Pine View Lane</i>	2,699	N/A	<0.02	<124
		<i>H. 13211 Valley Drive</i>	7,645	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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Feb-24

☐

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
2/14/2024 11:32am	04-24	Level 5, Hole depth 37 feet	39.076111N, -77.225556W	Sunny, 42 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	1,287	N/A	<0.02	<120
		B. Piney Meetinghouse	1,011	21.7/22.7/33.3	0.193/0.090/0.100	110.1
		C. West Fence	1,857	33.3/38.5/38.5	0.022/0.020/0.013	117.6
		D. Williams Gasline	2,735	N/A	<0.02	<120
		E. Southern Boundary	2,440	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,309	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,552	N/A	<0.02	<124
		H. 13211 Valley Drive	7,804	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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Feb-24

☐

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
2/27/2024 10:51am	05-24	Level 5, Hole depth 37 feet	39.0769N, -77.22485W	Cloudy, 57.2 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	1,546	50.0/25.0/31.2	0.020/0.030/0.018	108.6
		<i>B. Piney Meetinghouse</i>	814	25.0/29.4/35.7	0.318/0.242/0.207	111
		<i>C. West Fence</i>	1,872	N/A	<0.02	<120
		<i>D. Williams Gasline</i>	2,456	N/A	<0.02	<120
		<i>E. Southern Boundary</i>	2,755	N/A	<0.02	<120
		<i>F. 13603 Pine View Lane</i>	2,446	N/A	<0.02	<120
		<i>G. 13611 Pine View Lane</i>	2,649	N/A	<0.02	<124
		<i>H. 13211 Valley Drive</i>	7,666	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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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).

Holcim - Rockville Quarry – March 2024 Blast Locations



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

Holcim - Rockville Quarry – March 2024 Blast Locations Close Up



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

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

MDE-BLAST-REPORT

SITE NAME:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Mar-24

☐

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
3/12/2024 10:21am	06-24	Level 5, Hole depth 15-37 feet	39.0766N, -77.2294W	Cloudy, 55.96 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	1,435	22.7/17.9/13.9	0.04/0.0475/0.03	106.7
		B. Piney Meetinghouse	675	21.7/26.3/27.8	0.608/0.200/0.218	111.3
		C. West Fence	2,035	N/A	<0.02	<120
		D. Williams Gasline	2,578	N/A	<0.02	<120
		E. Southern Boundary	2,675	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,588	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,801	N/A	<0.02	<124
		H. 13211 Valley Drive	7,519	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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Mar-24

☐

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
3/22/2024 11:29am	07-24	Level 5, Hole depth 37 feet	39.07678N, -77.22458W	Sunny, 45 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	1,500	27.8/27.8/41.7	0.0425/0.0425/0.0225	107.8
		<i>B. Piney Meetinghouse</i>	732	21.7/25.0/41.7	0.370/0.225/0.245	109.4
		<i>C. West Fence</i>	1,959	N/A	<0.02	<120
		<i>D. Williams Gasline</i>	2,507	N/A	<0.02	<120
		<i>E. Southern Boundary</i>	2,728	N/A	<0.02	<120
		<i>F. 13603 Pine View Lane</i>	2,528	N/A	<0.02	<120
		<i>G. 13611 Pine View Lane</i>	2,734	N/A	<0.02	<124
		<i>H. 13211 Valley Drive</i>	7,582	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).

Holcim - Rockville Quarry – April 2024 Blast Locations



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

Holcim - Rockville Quarry – April 2024 Blast Locations Up Close



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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Apr-24

☐

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
4/2/2024 12:03am	08-24	Level 4, Hole depth 48 feet	39.0776N, -77.224383W	Cloudy, 48.97 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	1,799	N/A	<0.02	<120
		<i>B. Piney Meetinghouse</i>	778	27.8/31.2/41.7	0.233/0.143/0.19	113.6
		<i>C. West Fence</i>	1,896	N/A	<0.02	<120
		<i>D. Williams Gasline</i>	2,218	N/A	<0.02	<120
		<i>E. Southern Boundary</i>	3,032	N/A	<0.02	<120
		<i>F. 13603 Pine View Lane</i>	2,558	N/A	<0.02	<120
		<i>G. 13611 Pine View Lane</i>	2,726	N/A	<0.02	<124
		<i>H. 13211 Valley Drive</i>	7,597	N/A	<0.02	<124

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

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Apr-24

☐

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
4/10/2024 10:51am	09-24	Level 5, Hole depth 37 feet	39.076316N, -77.22445W	Cloudy, 62.94 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	1,331	31.2/35.7/31.2	0.05/0.0525/0.025	106.9
		B. Piney Meetinghouse	693	23.8/26.3/31.2	0.325/0.2/0.283	111
		C. West Fence	2,073	N/A	<0.02	<120
		D. Williams Gasline	2,679	N/A	<0.02	<120
		E. Southern Boundary	2,571	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,594	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,818	N/A	<0.02	<124
		H. 13211 Valley Drive	7,512	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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Apr-24

☐

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
4/18/2024 9:29am	10-24	Level 3, Hole depth 48 feet	39.07778N, -77.2245W	Sunny, 66.38 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	1,865	N/A	<0.02	<120
		<i>B. Piney Meetinghouse</i>	840	26.3/31.2/35.7	0.133/0.11/0.21	115.4
		<i>C. West Fence</i>	1,845	N/A	<0.02	<120
		<i>D. Williams Gasline</i>	2,148	31.2/41.7/27.80	0.025/0.025/0.015	100.9
		<i>E. Southern Boundary</i>	3,089	N/A	<0.02	<120
		<i>F. 13603 Pine View Lane</i>	2,524	N/A	<0.02	<120
		<i>G. 13611 Pine View Lane</i>	2,684	N/A	<0.02	<124
		<i>H. 13211 Valley Drive</i>	7,646	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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Apr-24

☐

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
4/29/2024 9:28am	11-24	Level 4, Hole depth 37 feet	39.07653N, -77.22435W	Sunny, 74.19 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	1,410	27.8/25/31.2	0.0575/0.0375/0.03	108
		<i>B. Piney Meetinghouse</i>	661	26.3/26.3/35.7	0.3/0.233/0.248	111.6
		<i>C. West Fence</i>	2,059	N/A	<0.02	<120
		<i>D. Williams Gasline</i>	2,605	35.7/41.7/62.5	0.0175/0.0325/0.0075	103.7
		<i>E. Southern Boundary</i>	2,654	N/A	<0.02	<120
		<i>F. 13603 Pine View Lane</i>	2,607	N/A	<0.02	<120
		<i>G. 13611 Pine View Lane</i>	2,822	N/A	<0.02	<124
		<i>H. 13211 Valley Drive</i>	7,500	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.

Holcim - Rockville Quarry – May 2024 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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

May-24

☐

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
5/6/2024 11:00am	12-2024	Level 5, Hole depth 60 feet	39.07943N, -77.22663W	Cloudy, 68 degrees F	One neighbor complained about the blast. Quarry management followed up with the complainant.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	2,535	N/A	<0.02	<120
		B. Piney Meetinghouse	1,683	31.2/25.0/35.7	0.11/0.0625/0.085	107.4
		C. West Fence	1,169	13.2/50.0/50.0	0.055/0.0475/0.0725	114.6
		D. Williams Gasline	1,553	27.8/41.7/83.3	0.095/0.115/0.080	101.3
		E. Southern Boundary	3,631	38.5/41.7/83.3	0.0225/0.0175/0.0175	104.7
		F. 13603 Pine View Lane	2,013	55.6/62.5/26.3	0.03/0.0375/0.0225	110.4
		G. 13611 Pine View Lane	2,073	45.5/45.5/83.3	0.02/0.035/0.0225	110.4
		H. 13211 Valley Drive	8,394	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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

May-24

☐

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
5/8/2024 10:49am	13-24	Level 4, Hole depth 37 feet	39.0763N, -77.2244W	Cloudy, 78.94 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	1,326	31.2/35.7/35.7	0.065/0.0675/0.0475	110.3
		<i>B. Piney Meetinghouse</i>	679	29.4/25.0/41.7	0.358/0.405/0.280	110.7
		<i>C. West Fence</i>	2,088	N/A	<0.02	<120
		<i>D. Williams Gasline</i>	2,687	N/A	<0.02	<120
		<i>E. Southern Boundary</i>	2,569	45.5/29.4/71.4	0.03/0.015/0.0275	101.8
		<i>F. 13603 Pine View Lane</i>	2,609	N/A	<0.02	<120
		<i>G. 13611 Pine View Lane</i>	2,834	N/A	<0.02	<124
		<i>H. 13211 Valley Drive</i>	7,497	N/A	<0.02	<124

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

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

May-24

☐

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
5/20/2024 12:20am	14-24	Level 4, Hole depth 13-40 feet	39.0764N, -77.22426W	Cloudy, 66.43 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	1,364	31.2/41.7/35.7	0.0475/0.045/0.0275	110.3
		B. Piney Meetinghouse	636	29.4/29.4/41.7	0.368/0.238/0.283	114.2
		C. West Fence	2,105	N/A	<0.02	<120
		D. Williams Gasline	2,656	N/A	<0.02	<120
		E. Southern Boundary	2,614	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,640	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,860	N/A	<0.02	<124
		H. 13211 Valley Drive	7,465	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).

Holcim - Rockville Quarry – June 2024 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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Jun-24

☐

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
6/10/2024 1:04pm	15-24	Level 3, Hole depth 37-39 feet	39.076583N, -77.22413W	Cloudy, 77.23 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	1,433	41.7/50.0/41.7	0.0475/0.04/0.035	110.4
		<i>B. Piney Meetinghouse</i>	599	31.2/31.2/45.5	0.608/0.238/0.463	113.8
		<i>C. West Fence</i>	2,106	41.7/41.7/41.7	0.0325/0.03/0.01	96.6
		<i>D. Williams Gasline</i>	2,595	N/A	<0.02	<120
		<i>E. Southern Boundary</i>	2,688	N/A	<0.02	<120
		<i>F. 13603 Pine View Lane</i>	2,665	N/A	<0.02	<120
		<i>G. 13611 Pine View Lane</i>	2,876	N/A	<0.02	<124
		<i>H. 13211 Valley Drive</i>	7,443	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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Jun-24

☐

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
6/19/2024 11:02am	16-24	Level 3, Hole depth 37 feet	39.076683N, -77.22423W	Sunny, 83.53 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	1,467	27.8/31.2/50.0	0.03/0.0225/0.0175	109.4
		B. Piney Meetinghouse	629	35.7/31.2/55.6	0.575/0.228/0.258	114.8
		C. West Fence	1,118	N/A	<0.02	<120
		D. Williams Gasline	1,620	N/A	<0.02	<120
		E. Southern Boundary	3,573	N/A	<0.02	<120
		F. 13603 Pine View Lane	1,950	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,019	N/A	<0.02	<124
		H. 13211 Valley Drive	7,478	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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Jun-24

☐

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
6/24/2024 11:13am	17-24	Level 3, Hole depth 64 feet	39.07927N, -77.2268W	Sunny, 82.06 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	2,491	N/A	<0.02	<120
		<i>B. Piney Meetinghouse</i>	1,686	29.4/29.4/33.3	0.12/0.0825/0.08	112.4
		<i>C. West Fence</i>	1,118	29.4/71.4/21.7	0.0475/0.0375/0.055	115.4
		<i>D. Williams Gasline</i>	1,620	27.8/41.7/41.7	0.085/0.128/0.0874	104.4
		<i>E. Southern Boundary</i>	3,573	N/A	<0.02	<120
		<i>F. 13603 Pine View Lane</i>	1,950	55.6/19.2/33.3	0.025/0.02/0.015	112.2
		<i>G. 13611 Pine View Lane</i>	2,019	62.5/55.6/71.4	0.03/0.025/0.025	110.7
		<i>H. 13211 Valley Drive</i>	8,423	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.

Holcim - Rockville Quarry – July 2024 Blast Locations



Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

Holcim - Rockville Quarry – July 2024 Blast Locations Up Close



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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Jul-24

☐

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
7/1/2024 10:34am	18-24	Level 3, Hole depth 37 feet	39.0775N, -77.2247W	Cloudy, 68.86 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	1,763	N/A	<0.02	<120
		<i>B. Piney Meetinghouse</i>	840	35.7/41.7/45.5	0.32/0.255/0.225	115.9
		<i>C. West Fence</i>	1,823	N/A	<0.02	<120
		<i>D. Williams Gasline</i>	2,242	N/A	<0.02	<120
		<i>E. Southern Boundary</i>	2,978	N/A	<0.02	<120
		<i>F. 13603 Pine View Lane</i>	2,469	N/A	<0.02	<120
		<i>G. 13611 Pine View Lane</i>	2,644	N/A	<0.02	<124
		<i>H. 13211 Valley Drive</i>	7,675	N/A	<0.02	<124

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

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Jul-24

☐

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
7/10/2024 11:04am	20-24	Level 5, Hole depth 64 feet	39.0792N, -77.2263W	Sunny, 91.8 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	2,433	N/A	<0.02	<120
		<i>B. Piney Meetinghouse</i>	1,558	29.4/33.3/31.2	0.0975/0.06/0.075	109
		<i>C. West Fence</i>	1,260	23.8/50.0/22.7	0.0275/0.0225/0.025	120.9
		<i>D. Williams Gasline</i>	1,621	71.4/83.3/27.8	0.0675/0.055/0.0375	104.7
		<i>E. Southern Boundary</i>	3,548	N/A	<0.02	<120
		<i>F. 13603 Pine View Lane</i>	2,080	N/A	<0.02	<120
		<i>G. 13611 Pine View Lane</i>	2,644	N/A	<0.02	<124
		<i>H. 13211 Valley Drive</i>	8,280	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.

^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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Jul-24

☐

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
7/16/2024 12:48pm	19-24	Level 3, Hole depth 19-37 feet	39.0775N, -77.2247W	Sunny, 97.23 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	1,763	N/A	<0.02	<120
		<i>B. Piney Meetinghouse</i>	840	38.5/38.5/41.7	0.363/0.268/0.245	116.3
		<i>C. West Fence</i>	1,797	N/A	<0.02	<120
		<i>D. Williams Gasline</i>	2,242	33.3/38.5/45.5	0.0275/0.035/0.0175	100.9
		<i>E. Southern Boundary</i>	2,978	N/A	<0.02	<120
		<i>F. 13603 Pine View Lane</i>	2,469	N/A	<0.02	<120
		<i>G. 13611 Pine View Lane</i>	2,644	N/A	<0.02	<124
		<i>H. 13211 Valley Drive</i>	7,675	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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Jul-24

☐

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
7/29/2024 10:02am	21-24	Level 4, Hole depth 19-37 feet	39.07767N, -77.224723W	Sunny, 81 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	1,825	N/A	<0.02	<120
		<i>B. Piney Meetinghouse</i>	874	41.7/45.5/50.0	0.363/0.183/0.198	114.4
		<i>C. West Fence</i>	1,797	N/A	<0.02	<120
		<i>D. Williams Gasline</i>	2,180	45.5/45.5/55.6	0.0325/0.0575/0.02	98.7
		<i>E. Southern Boundary</i>	3,038	N/A	<0.02	<120
		<i>F. 13603 Pine View Lane</i>	2,461	N/A	<0.02	<120
		<i>G. 13611 Pine View Lane</i>	2,627	N/A	<0.02	<124
		<i>H. 13211 Valley Drive</i>	7,697	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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Holcim - Rockville Quarry – August 2024 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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Aug-24

☐

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
8/12/2024 1:50pm	22-24	Level 5, Hole depth 52 feet	39.0775N, -77.2247W	Sunny, 79.36 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	1,763	N/A	<0.02	<120
		<i>B. Piney Meetinghouse</i>	840	35.7/41.7/50.0	0.298/0.1/0.113	112.9
		<i>C. West Fence</i>	1,823	N/A	<0.02	<120
		<i>D. Williams Gasline</i>	2,242	41.7/45.5/25.0	0.0375/0.075/0.02	98.7
		<i>E. Southern Boundary</i>	2,978	N/A	<0.02	<120
		<i>F. 13603 Pine View Lane</i>	2,469	N/A	<0.02	<120
		<i>G. 13611 Pine View Lane</i>	2,644	N/A	<0.02	<124
		<i>H. 13211 Valley Drive</i>	7,675	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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Aug-24

☐

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
8/22/2024 9:37am	23-24	Level 5, Hole depth 52 feet	39.07889N, -77.22583W	Sunny, 61.03 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	1,763	N/A	<0.02	<120
		<i>B. Piney Meetinghouse</i>	840	29.4/20.0/41.7	0.09/0.06/0.08	108.6
		<i>C. West Fence</i>	1,823	15.6/83.3/20.8	0.03/0.0275/0.02	121.8
		<i>D. Williams Gasline</i>	2,242	31.2/45.5/25.0	0.0525/0.055/0.0375	104.1
		<i>E. Southern Boundary</i>	2,978	N/A	<0.02	<120
		<i>F. 13603 Pine View Lane</i>	2,469	N/A	<0.02	<120
		<i>G. 13611 Pine View Lane</i>	2,644	N/A	<0.02	<124
		<i>H. 13211 Valley Drive</i>	7,675	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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Holcim - Rockville Quarry – September 2024 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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Sep-24

☐

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
9/3/2024 10:30am	24-24	Level 4, Hole depth 38 feet	39.07805N, -77.225W	Sunny, 70.14 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	1,967	N/A	<0.02	<120
		<i>B. Piney Meetinghouse</i>	1,013	33.3/38.5/26.3	0.243/0.138/0.135	118.7
		<i>C. West Fence</i>	1,682	N/A	<0.02	<120
		<i>D. Williams Gasline</i>	2,034	31.2/33.3/21.7	0.0275/0.0325/0.02	101.8
		<i>E. Southern Boundary</i>	3,162	N/A	<0.02	<120
		<i>F. 13603 Pine View Lane</i>	2,384	N/A	<0.02	<120
		<i>G. 13611 Pine View Lane</i>	2,532	N/A	<0.02	<124
		<i>H. 13211 Valley Drive</i>	7,808	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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Holcim - Rockville Quarry – October 2024 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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Oct-24

☐

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
10/2/2024 11:27am	25-24	Level 3, Hole depth 40-46 feet	39.077726N, -77.22516W	Cloudy, 64.76 degrees F	No complaints.	6
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,853	31.2/35.7/25.0	0.0275/0.0175/0.01	106.9
		B. Piney Meetinghouse	994	31.2/31.2/27.8	0.22/0.14/0.075	104.7
		C. West Fence	1,672	N/A	<0.02	<120
		D. Williams Gasline	2,149	N/A	<0.02	<120
		E. Southern Boundary	3,039	N/A	<0.02	<120
		F. 13611 Pine View Lane	2,501	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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Oct-24

☐

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
10/14/2024 13:24pm	26-24	Level 3, Hole depth 40-45 feet	39.077931N, -77.22513W	Sunny, 61.48 degrees F	No complaints.	6
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	1,927	N/A	<0.02	<120
		<i>B. Piney Meetinghouse</i>	1,023	35.7/41.7/31.2	0.147/0.0925/0.09	107.4
		<i>C. West Fence</i>	1,657	N/A	<0.02	<120
		<i>D. Williams Gasline</i>	2,075	31.2/31.2/16.7	0.0175/0.025/0.015	103.4
		<i>E. Southern Boundary</i>	3,114	N/A	<0.02	<120
		<i>F. 13611 Pine View Lane</i>	2,499	N/A	<0.02	<124

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

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

MDE-BLAST-REPORT

SITE NAME:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Oct-24

☐

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
10/28/2024 15:30pm	27-24	Level 4, Hole depth 42-80 feet	39.077164N, -77.22549W	Sunny, 62.26 degrees F	No complaints.	6
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	1,662	22.7/27.8/20.8	0.0325/0.0275/0.0225	105.6
		<i>B. Piney Meetinghouse</i>	1,012	29.4/35.7/33.3	0.323/0.215/0.173	106.9
		<i>C. West Fence</i>	1,665	N/A	<0.02	<120
		<i>D. Williams Gasline</i>	2,351	16.1/38.5/12.5	0.025/0.0325/0.02	106.9
		<i>E. Southern Boundary</i>	2,823	N/A	<0.02	<120
		<i>F. 13611 Pine View Lane</i>	2,448	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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Holcim - Rockville Quarry – November 2024 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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Nov-24

☐

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
11/7/2024 12:23pm	28-24	Level 4, Hole depth 69-75 feet	39.077475N, -77.225392W	Cloudy, 75.88 degrees F	No complaints.	6
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	1,770	17.9/31.2/35.7	0.0325/0.025/0.0225	106.4
		<i>B. Piney Meetinghouse</i>	1,018	33.3/33.3/45.5	0.403/0.245/0.233	110.7
		<i>C. West Fence</i>	1,644	27.8/38.5/25.0	0.025/0.0175/0.0175	121.9
		<i>D. Williams Gasline</i>	2,238	35.7/55.6/15.2	0.035/0.025/0.0275	106.9
		<i>E. Southern Boundary</i>	2,940	N/A	<0.02	<120
		<i>F. 13611 Pine View Lane</i>	2,453	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).

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

MDE-BLAST-REPORT

SITE NAME:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Nov-24

☐

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
11/18/2024 12:36pm	29-24	Level 4, Hole depth 72-74 feet	39.07778N, -77.225W	Sunny, 66.58 degrees F	No complaints.	6
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	1,869	27.8/27.8/31.2	0.0325/0.03/0.0225	109
		<i>B. Piney Meetinghouse</i>	962	26.3/31.2/55.6	0.543/0.298/0.253	110.4
		<i>C. West Fence</i>	1,710	16.7/62.5/21.50	0.025/0.0175/0.02	123.4
		<i>D. Williams Gasline</i>	2,133	35.7/35.7/14.7	0.04/0.0375/0.0325	109
		<i>E. Southern Boundary</i>	3,065	N/A	<0.02	<120
		<i>F. 13611 Pine View Lane</i>	2,544	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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Nov-24

☐

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
11/22/2024 10:47am	30-24	Level 4, Hole depth 52-54 feet	39.07947N, -77.22616W	Snowy, 37.67 degrees F	One neighbor complained about the blast. Quarry management followed up with the complainant.	6
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		<i>A. Boswell</i>	2,523	N/A	<0.02	<120
		<i>B. Piney Meetinghouse</i>	1,594	33.3/35.7/55.6	0.153/0.0925/0.09	115.6
		<i>C. West Fence</i>	1,301	17.9/38.5/21.7	0.0525/0.035/0.05	116.7
		<i>D. Williams Gasline</i>	1,519	41.7/35.7/62.5	0.1/0.105/0.0975	111.6
		<i>E. Southern Boundary</i>	3,648	N/A	<0.02	<120
		<i>F. 13611 Pine View Lane</i>	2,205	71.4/50.0/71.4	0.025/0.03/0.025	109

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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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Holcim - Rockville Quarry – December 2024 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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Dec-25

☐

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
12/3/2024 11:27am	31-24	Level 4, Hole depth 72 feet	39.0777N, -77.225W	Cloudy, 35.83 degrees F	No complaints	6
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,840	31.2/41.7/13.2	0.06/0.045/0.0275	109.6
		B. Piney Meetinghouse	948	29.4/31.2/55.6	0.543/0.333/0.395	110.7
		C. West Fence	1,719	22.7/27.8/14.3	0.0225/0.0175/0.0175	123.7
		D. Williams Gasline	2,162	27.8/41.7/45.5	0.04/0.035/0.0225	107.4
		E. Southern Boundary	3,036	N/A	< 0.02	< 120
		F. 13611 Pine View Lane	2,548	35.7/35.7/83.3	0.015/0.02/0.0175	112.4

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

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

MDE-BLAST-REPORT

SITE NAME:

Halcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Dec-25

☐

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
12/11/2024 1:06pm	32-24	Level 4, Hole depth 23-78 feet	39.0777N, -77.225W	Cloudy, 35.83 degrees F	No complaints	6
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,840	25.0/35.7/20.8	0.0425/0.03/0.02	115.6
		B. Piney Meetinghouse	948	31.3/27.8/23.8	0.298/0.153/0.165	112.2
		C. West Fence	1,719	16.7/33.3/18.5	0.0225/0.0125/0.02	113.6
		D. Williams Gasline	2,162	18.5/18.5/21.7	0.03/0.0275/0.025	107.4
		E. Southern Boundary	3,036	N/A	< 0.02	< 120
		F. 13611 Pine View Lane	2,548	27.8/50.0/62.5	0.025/0.0125	109

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

MDE-BLAST-REPORT

SITE NAME:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Dec-25

☐

Check Box if No Blasting Occurred During the Month Reporting

DATE/TIME	SHOT #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
12/17/2024 12:20pm	33-24	Level 4, Hole depth 72	39.077197N, -77.2253W	Cloudy, 56.08 degrees F	No complaints	6
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS / VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,667	10.4/10.0/13.9	0.0575/0.0575/0.04	98.1
		B. Piney Meetinghouse	970	21.7/23.8/29.4	0.5/0.24/0.185	109.4
		C. West Fence	1,701	12.2/71.4/14.3	0.025/0.0275/0.0275	115.8
		D. Williams Gasline	2,340	14.7/12.8/15.2	0.035/0.0325/0.0425	108.6
		E. Southern Boundary	2,841	31.2/10.6/17.9	0.025/0.0225/0.015	98.7
		F. 13611 Pine View Lane	2,491	N/A	< 0.02	< 120

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Holcim - Rockville Quarry – January 2025 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:

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

MONTH / YEAR:

Jan-25

☐

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
01/31/2025 1:44pm	01-25	Level 4, Hole depth 72-75 ft	39.0774N, -77.224W	Rainy, 49.46 degrees F	No complaints	6
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,733	20.8/27.8/13.9	0.0275/0.0375/0.02	100.9
		B. Piney Meetinghouse	647	19.2/26.3/31.2	0.27/0.203/0.213	109
		C. West Fence	2,022	13.5/35.7/17.9	0.0225/0.0175/0.015	113.8
		D. Williams Gasline	2,309	33.3/29.4/27.8	0.0275/0.0225/0.025	109.7
		E. Southern Boundary	2,986	N/A	< 0.02	< 120
		F. 13611 Pine View Lane	2,845	N/A	< 0.02	< 120

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