Montgomery County, Maryland Department of Environmental Protection

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

Holcim Mid-Atlantic, Inc., Travilah Quarry

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

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

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

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

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

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DEC 2 6 2024

Environmental Protection

To:

Steve Martin

From:

Tim Bevard

Date:

December 20, 2023

Subject:

Travilah Quarry License Re-Certification Documentation

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Environmental Protection

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

1. Surface Mining License No. SL-0607, expiration date 12-31-23.

- 2. Surface Mining Permit No. 77-SP-0061-E, issued by the Maryland Department of the Environment, expiration date 03-31-25.
- 3. Maryland Department of the Environment, Air and Radiation Management Administration, Operating Permit No. 031-0528, expiration date August 31, 2027.
- 4. Annual Emissions Certification and Toxic Air Pollutants Emission Certification Report for 2022 required by ARMA Operating Permit No. 031-0528.
- 5. General Discharge Permit 15MM: Discharges from Mineral Mines, Quarries, Borrow Pits and Concrete and Asphalt Plants NPDES Permit No. MDG491365 Registration Number 15MM1365A issued by MDE, expires April 30, 2022. The permit remains valid until such time as MDE issues a new general permit to replace the existing permit.
- 6. NPDES Discharge Monitoring Reports for Outfall No. 1 covering the time period of 10/01/22 through 9/30/23.
- 7. Blasting Area and Site Plan Map updated by Rodgers Consulting, Inc. dated 03-03-23.
- 8. Particulate Control Plan dated December 7, 2023.
- 9. Certificate of Insurance for general liability, automobile liability, and workers compensation and employer's liability for the period 10/01/23 through 10/01/24.
- 10. Copy of Performance Bond for Quarry License, Bond Number 929517725 in the sum of \$100,735.00 and the current verification of bond in force Exp. 01-06-25.
- 11. Seismograph Records as submitted to the Maryland Department of the Environment including the Vibration and Air Overpressure data for the time period November 1, 2022 through November 30, 2023.
- 12. Montgomery County, Department of Permitting Services, Sediment Control Permit No. 203770, expiration date 08-01-24.



Mid-Atlantic Region

December 20, 2023

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

Re:

Dear Mr. Martin:

Holcim-MAR, Inc. Travilah Quarry Quarry License Recertification RECEIVED

DEC 26 2024

Environmental Protection

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DEC 26 2023

Environmental Protection

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

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

Respectfully,

Corey Johnson

Vice President - Aggregate Division

Enclosures



State of Maryland

Department of The Environment Land and Materials Administration

2023

SURFACE MINING LICENSE

NUMBER SL-0607

EXPIRATION DECEMBER 31, 2023

This is to certify that

BARDON, INC.



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-DEC 2-6-2024

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DEC 2 6 2023

Environmental Protection

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

This License:

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

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

MARYLAND DEPARTMENT OF THE ENVIRONMENT LAND AND MATERIALS ADMINISTRATION

SURFACE MINING PERMIT

RENEWAL

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

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PERMIT EFFECTIVE DATE: June 14, 1977

DEC 26 2000

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

- 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. <u>Permit Transfer</u> -- 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. <u>Departmental Modification</u> -- 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. <u>Halted Operation</u> -- 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. <u>Completion of Reclamation</u> -- 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.

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

- 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. <u>Flyrock</u> -- 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. <u>Verification</u> -- 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



Larry Hogan. Governor Boyd K. Rutherford, Lt. Governor

Ben Grumbles, Secretary Horacio Tablada, Deputy Secretary

September 18, 2020

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

RE:

Travilah Quarry No. 77-SP-0061

Surface Mine Permit Renewal

Dear Mr. Ward:

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

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

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

Sincerely,

Molly Michaelson, Division Chief

Muly Munacles

Mining Program

Enclosure

Larry Hogan Governor *State of*



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DEPARTMENT OF THE ENVIRONMENT RECEIVED Air and Radiation Administration

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

DEC 2 6 2023

	Construction Permit	X Operating Permit
PERMIT NO.	031-0528	DATE ISSUED September 1, 2022

PERMIT FEE To be paid in accordance with COMAR 26.11.02.19B

EXPIRATION DATE

August 31, 2027

LEGAL OWNER & ADDRESS

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

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

INDEX

Part A - General Provisions

Part B - Applicable Regulations

Part C - Operating Conditions

Part D - Testing, Monitoring, Record Keeping and Reporting

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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: - 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 ir 2003, 2007, 2009 and 2014)
	- One (1) 350 TPH Svedala H6000 tertiary crusher equipped with a baghouse;	1973 (like kind replacemen in 2007)
	One (1) 350 TPH Sandvik CH660 tertiary crusher equipped with a baghouse;	1973 (like kind replacemen 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

	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,

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;
- 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.

(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.

- (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.

- (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;

- (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]

- (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.

- (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:

- (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."

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



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

March 21, 2023

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

2022 Emissions Certification - Facility Number 031-00528

RECEIVED

DEC 2 6 2024

Environmental Protection

Attention: MDE Compliance Program

Rockville Crushed Stone

RECEIVED

DEC 2 6 2023

Dear MDE,

Re:

Environmental Protection

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

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

If you have any questions or require additional information, please do not hesitate to contact myself or Tim Bevard at 301-580-5206 or by e-mail tim.bevard@holcim.com.

Sincerely.

Corey Johnson

Vice President/GM

enclosure

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

	Calender Year: 2022
VIECEIV	Do Not Write in This Space Date Received Regional:
gate Industries - Rockville Quarry	Date Received Regional
house Road	Date Received State:
unty: Montgomery Zip Code: 20850	AIRS Code:
unction of the Facility	FINDS Code:
ete Batching	SIC Code:
331	Facility Number:
	Source Latitude and Longitude
N (if applicable)	Reviewed:
Summer Fall % (Jun Aug.) 31% (Sep Nov.) 29%	Name: Date:
and weather conditions	
RMATION (for Nox and VOC sources only)	100
Capture Efficiency	Removal Efficiency
add on NOX and VOC control devices	
	and the second of the
nstallations and sources for which this report is submitted. I have 20 pages (including attachments), and certify that the	are information is correct to the
General Manager	03-21-23
Title	Date
	(301) 982-1400
	Telephone
	house Road unty: Montgomery Zip Code: 20850 unction of the Facility ite Batching N (if applicable) Summer Fall (Jun Aug.) 31% (Sep Nov.) 29% ease in Emissions From Previous Calendar Year and weather conditions RMATION (for Nox and VOC sources only) Capture Efficiency add on NOX and VOC control devices anstallations and sources for which this report is submitted. I hasts of 20 pages (including attachments), and certify that the General Manager

1/9/2008

CRITERIA AIR POLLUTANTS EMISSIONS CERTIFICATION REPORT

FACILITY NAME		Rockville Bat	ch Pl	ant		FAC	ILITY ID#:	031-	00528	PC	LLUTANT:	NC	X	CALEND	AR YEAR:	2022
Equipment Description	SCC	Fuel	TI		missions			erating Sc	hedule (Actu	al)		TOSD	Oper	rating Sche	dule	Emissions
Registration No.	Number	1 001		Tons/yr	Lbs/day	Hrs/day	Start	End	Days/wk	Wks/yr	Days/yr	Lbs/day	Hrs/day	Start	End	Method
Water Heater		Heating Oil	S	0.02483	0.17303	12	n/a	n/a	6	52	287	0.20764				C-3
031-0528-4-1418	10-20-0502	Fleating Oil				14	пиа	n/a	В	32	207					
			S													
			F													
			S													
			S													
			S													
	1		S						1 1							
			S													
			E													
			S													
			F													
			S						_							
			S													
	1	_	S													
		1	S										1			
			C													
		_	S						1 1			-				
			S						_							
	-		F	_												
TOTAL	-		_	0.02483	0.17303							0.00704				
TOTAL			1	0.02463	0.17303							0.20764				

S- Stack Emissions

F- Fugitive Emissions

Daily Emissions (Lbs/day) are ibs/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 listernissions 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 judgeme
- 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

CRITERIA AIR POLLUTANTS EMISSIONS CERTIFICATION REPORT

FACILITY NAME		Rockville Bat	tch P	lant		FAC	ILITY ID#:	031	00528	PC	LLUTANT:	S	OX	CALEND	DAR YEAR:	2022
Equipment Description	scc	Fuel	T	Actual E	missions		Ope	erating Sc	hedule (Actu	al)		TOSD		rating Sche	dule	Emissions
Registration No.	Number	Fuel		Tons/yr	Lbs/day	Hrs/day	Start	End	Days/wk	Wks/yr	Days/yr	Lbs/day	Hrs/day	Start	End	Method
Water Heater	40.00.0500	Heating Oil	S	0.05363	0.37375	12	n/a	n/a	6	52	287		P			C-3
031-0528-4-1418	10-20-0502								-							
			S													
	1	+	- P						_							
	-		S						1 1				- 1			
		-	S						_							
	-		S													
			S													
			S													
	+	-	S													
		_	S								14					
			S													
			S													
			S													
			F													
			S													
			S F S													
			S													
			F								_					
TOTAL		1		0.05363	0.37375											

S- Stack Emissions

F- Fugitive Emissions

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

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

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

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

CRITERIA AIR POLLUTANTS **EMISSIONS CERTIFICATION REPORT**

					170	ILITY ID#:_	031-	00528	PU	LLUTANT:	<u></u>	0	CALENI	DAR YEAR:	2022
SCC	Fuel	T	Actual E	missions		Ope	erating Sc	hedule (Actu	al)		TOSD	Ope	rating Sche	dule	Emissions
Number	I dei	\perp	Tons/yr	Lbs/day	Hrs/day	Start	End	Days/wk	Wks/yr	Days/yr	Lbs/day	Hrs/day	Start	End	Method
	Heating Oil		0.00621	0.04326	12	nto	n/a		E 2	207					C-3
0-20-0502	r leating Oil				12	IVa	III/a	0	52	201					
		S													
		F													
		S				100									
		F						1 1							
		S													
		F													
		S													
								1							
		E													
							_	1							
		딑													
_		6						1							
		10				1		1 1							
		5						_							
	-														_
		1	0.00621	0.04326											
		Number Heating Oil	D-20-0502 Heating Oil F S S F S F F	Number Heating Oil F	Number Heating Oil S 0.00621 0.04326 F	Number	Number	Number	Number	Number	Number Heating Oil F Days/yr Days/yr	Number	Number 10ns/yr 15s/day 17s/day 15s/day 15s/day	Number 10ns/yr 10ns/	Number

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 listemissions 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
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- C-3- User calculated based on AP-42
- C-4- User calculated by best guess/engineering judgeme
- 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

CRITERIA AIR POLLUTANTS EMISSIONS CERTIFICATION REPORT

													14000			
quipment Description	SCC	Fuel	_		missions				hedule (Actu			TOSD		rating Sche		Emissions
egistration No.	Number	1 001		Tons/yr	Lbs/day	Hrs/day	Start	End	Days/wk	Wks/yr	Days/yr	Lbs/day	Hrs/day	Start	End	Method
Vater Heater		Heating Oil		0.00031	0.00218	12	n/a	n/a	6	52	287	0.00262				C-3
31-0528-4-1418	10-20-0502	ricating Oil	F			12	11/4	100		02	-5.					
			S						1							
			F													
			S													
			F								N					
			S													
			F													
			S													
			F													
			S													
			F													
			S													
			F						1							
			S													
			S													
			F													
			S													
			F													
TOTAL	DOVE IN			0.00031	0.00218							0.00262				

S- Stack Emissions

F- Fugitive Emissions

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

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

Fuel; Include emissions for each fuel used. If more than one fuel is used, calculate and listemissions 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 judgeme
- C-5- User calculated based on a State or Local agency emission factor
- C-6- New construction, not operational
- C-7- Source closed, operation ceased
- C-8- Computer calculated based on standard

EMISSIONS CERTIFICATION REPORT Particulate Matter

CALENDAR YEAR:

2022

FACILITY NAME:

Rockville Crushed Stone

FACILITY ID#:

031-00528

POLLUTANT:

PM

Equipment Description	SCC	Fuel		PM- FI	Iterable	PM 10 -	Fifterable	PM 2.5 -	Filterable	PM Con	densible	Operation	Emissions
Registration No.	Number	ruei		Tons/yr	Lbs/day	Tons/yr	Lbs/day	Tons/yr	Lbs/day	Tons/vr	Lbs/day	Days/yr	Method
Primary Crusher			Ş										
031-0528-6-0045	3-05-020-01		F	0.550	3.840	0.270	1.890					287	C-3
1 - 900 TPH Screen			S									287	
	3-05-020-02		F	1.010	7.030	0.340	2.370	0.020	0.160			201	C-3
Secondary Crusher			S									287	
	3-05-050-02		F	0.440	3.070	0.220	1.510					207	C-3
3 - 375 TPH Screens			S									207	
	3-05-020-21		F	0.480	3.380	0.160	1,140	0.010	0.080			287	C-3
1 - 350 TPH Tertiary			S									000	
	3-05-020-03		F	0.130	0.920	0.060	0.450					287	C-3
2 - 350 TPH Tertiary			S										
	3-05-020-03		F	0.310	2.150	0.150	1.060					287	C-3
3 - 375 TPH Screens			S										
	30-50-2021		F	0.320	2.250	0.110	0.760	0.010	0.050			287	C-3
Concrete Batching			S									007	
031-0528-6-0607	3-05-011-10		F	0.820	5.710	0.230	1.600	0.040	0.280			287	C-3
Pug Mill			S									007	
031-0528-6-0861	3-05-020-32		F	0.050	0.340							287	C-3
Buell Classifier			S									207	
031-0528-6-0045	3-05-038-12	Did Not Operate	F	0.000	0.000	0.000	0.000	0.000	0.000			287	C-3
TOTAL				4.110	28.690	1,540	10.780	0.080	0.570				

S- Stack Emissions

F- Fugitive Emissions

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

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

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

Emission Estimation Method

A-1- U.S. EPA Reference Method

A-2- Other Particulate Sampling Train

A-3- Liquid Absorption Technique

A-4- Solid Absorption Techniques

A-5- Freezing Out Technique

A-9- Other, Specify

C-1- User calculated based on source test or other measurement

C-2- User calculated based on material balance using engineering knowledge of the process

C-3- User calculated based on AP-42

C-4- User calculated by best guess/engineering judgemen

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

Page 2 of 2

EMISSIONS CERTIFICATION REPORT Particulate Matter

CALENDAR YEAR:

2022

FACILITY NAM	Æ:	Rockville Batch I	Plant			FACILITY	ID#:	031-0	0528	PO	LUTANT:		PM
Equipment Description	SCC	Final		PM- Fil	terable	PM 10 - F	ilterable	PM 2.5 - 1	Filterable	PM Con	densible	Operation	Emissions
Registration No.	Number	Fuel		Tons/yr	Lbs/day	Tons/yr	Lbs/day	Tons/yr	Lbs/day	Tons/yr	Lbs/day	Days/yr	Method
Water Heater		Heating Oil	S	0.00248	0.01730	0.00134	0.00934	0.00103	0.00718	0.00161	0.01125	287	C-3
031-0528-4-1418	1-02-005-02	rieating Oil	F									201	
			S										
			F										
			S										
			F										
			S										
			F										
			S										
			F										
			S										
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			S										
			F										
			S										
			F										
			S										
			F										
			S										
			F										
TOTAL				0.00248	0.01730	0.00134	0.00934	0.00103	0.00718	0.00161	0.01125		

S- Stack Emissions

F- Fugitive Emissions

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

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 listemissions 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 judgeme
- 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

Facility Name:	Rockville Crushe	d Stone	Facility ID#:	031-00528
Pollutant:	NONE		Calendar Year:	2022
Equipment Description/	Actual Er	missions		
Registration Number	Lbs/hour	Tons/Yr	Control Device**	% Efficiency
411111111111111111111111111111111111111	None			

~~~~				
***************************************				
,				
TOTALS	None	None		

^{*}Please attach all calculations.

^{*}See attachment 1 for the minimum reporting values.

¹Emissions 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 = Adsorbtion, O = Other

## BILLABLE TOXIC AIR POLLUTANTS EMISSIONS CERTIFICATION REPORT

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

Chemical Name	CAS Number	-	Actual 6	Emissions	Estimation
Onemical Name	O) to trainbor		Lbs/hr	Tons/year	Method
	75.45.0	S			
carbon disulfide	75-15-0	F			
and and addition	460 50 4	S			
carbonyl sulfide	463-58-1	F			
chlorine	7782-50-5	S			
cniorine	1102-30-3	F			T. T
avenida anmanunda	57-12-5	S			
cyanide compounds	57-12-5	F			
hudrochlorio goid	7647-01-0	S			1 - 3
hydrochloric acid	1047-01-0	F			
hydrogen fluoride	7664-39-3	S			
nydrogen ndonde	1004-08-0	F			
methyl chloroform	71-55-6	S			
methyl chlorolom	71-55-0	F			
methylene chloride	75-09-2	S			
metrylene onlonde	70 00 2	F			
perchloroethylene	127-18-4	S			
perdifference any ferro	121 10 1	F			
phosphine	7803-51-2	S			
prioopriirio	1000012	F			
titanium tetrachloride	7550-45-0	S			
atamam (ou a or no no	1000	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 calculater based on source test or other measurement
- C2- User calculated based on material balance using engineering knowledge of the process
- C3- User calculated based on AP-42
- C4- User calculated by best guess/engineering judgement
- C5- User calculated based on State or local agency factor
- C6- New construction, not operational
- C7- Source closed, operation ceased
- C8- Computer calculated based on standards

This form to include only the eleven chemicals identified.

S- Stack Emissions

F- Fugitive Emissions

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

#### **GREENHOUSE GAS AIR POLLUTANTS**

#### **EMISSIONS CERTIFICATION REPORT**

Facility Name: Rockville Batch Plant

Facility ID: 031-00528

**Pollutant: CO2** 

Calendar Year: 2022

Actual Emissions Equipment Description/ Registration Number1	Actual Emissions		
	Tons/yr	Lbs/day	Lbs/hr
Water Heater	10110/31	Doorday	22001111
031-0528-4-1418	27.685	192.929	16.077
			-
TOTALS	27.685	192.929	16.077

This form must be used to report Greenhouse gas emissions:

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

^{*} Use a separate form for each pollutant.

^{*} Please attach all calculations.

#### FORM 6: Greenhouse Gases

#### **GREENHOUSE GAS AIR POLLUTANTS**

#### **EMISSIONS CERTIFICATION REPORT**

Facility Name: Rockville Batch Plant

Facility ID: 031-00528

This form must be used to report Greenhouse gas emissions:

Calendar Year: 2022

Pollutant: CH4

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.

Actual Emissions	Actual Emissions		
Equipment Description/ Registration Number1	Tons/yr	Lbs/day	Lbs/hr
Water Heater 031-0528-4-1418	0.00027	0.00187	0.00016
TOTALS	0.00027	0.00187	0.00016

#### **GREENHOUSE GAS AIR POLLUTANTS**

#### **EMISSIONS CERTIFICATION REPORT**

Facility Name: Rockville Batch Plant

Facility ID: 031-00528

This form must be used to report Greenhouse gas emissions:

Calendar Year: 2022

Pollutant: N2O

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.

Actual Emissions Equipment Description/ Registration Number1	Actual Emissions		
	Tons/yr	Lbs/day	Lbs/hr
Water Heater 031-0528-4-1418	0.00032	0.00225	0.00019
TOTALS	0.00032	0.00225	0.00019

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

1/15/2008

#### **GREENHOUSE GAS AIR POLLUTANTS**

Calendar Year: 2022

#### **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

### **GREENHOUSE GAS AIR POLLUTANTS**

Calendar Year: 2022

### **EMISSIONS CERTIFICATION REPORT**

Facility Name: Rockville Batch Plant

Facility ID: 031-00528

Pollutant: PFCs

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

#### GREENHOUSE GAS AIR POLLUTANTS

# OLLUTANTS Calendar Year: 2022

#### **EMISSIONS CERTIFICATION REPORT**

Facility Name: Rockville Batch Plant

Facility ID: 017-0202

Pollutant: SF6

Actual Emissions	tual Emissions			
Equipment Description/ Registration Number1	Tons/yr	Lbs/day	Lbs/hr	
Water Heater 031-0528-4-1418	None	None	None	
	-			
			- 4	
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.

1/15/2008

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

# 3/16/2023

R	ock	cvi	ile	Qu	arr
Ye	ar	20	22	To	tal

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

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

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

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

Concrete Batch Plant

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

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

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

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

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

1-900 I PH Praisary Crusic	Processed	Emissions			
PM factor (controlled) 0.0012   lbs./lon X	tons/year 917,334	lbs./yr 1,101	days 287	ibs./day 3.84	tons/year 0.55
PM 10 factor (controlled)	tons/year	lbs./vr	days	lbs./day	tons/year
0 00059 lbs./ton X	917,334	541	287	1.89	0.27

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

		Processed	<b>Emissions</b>			
PM factor		tons/year	lbs./yr	days	lbs./day	tonsiyear
0.0022	lbs./tan X	917,334	2,018	287	7.03	1.01
D.UULL						
PM 10 factor		tons/year	lbs./vr	days	lbs./day	tons/year
0.00074	lbs./ton X	917,334	679	287	2.37	0.34
0,5001						
PM 2.5 facto	r	tons/year	lbs./yr	days	lbs./day	tons/year
0.00005	ibs./ton X	917,334	46	287	0.16	0.02

# 1-900 TPH Secondary Crusher, controlled:

	Processed	Emissions			La Caraci
	tons/year	tbs./yr	days		tons/year
lbs./ton X	733,867	881	287	3.07	0.64
	tons/vear	lbs./vr	days	lbs./day	tons/year
	733.867	433	287	1.51	0.22
	lbs./ton X	tons/year ps./ton X 733,867 tons/year	tons/year   tbs./yr	tons/jear   tbs./jr   days   lbs./ton X   733,887   881   287   tons/year   lbs./jr   days	

### 3-376 TPH 8x20 Screens, controlled:

		Processed	Emissions			
PM factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.0022	lbs.iton X	440,320	969	287	3.38	0.48
0 1 40 feets		tons/year	lbs.Ar	days	lbs./day	tons/year
PM 10 factor 0.00074	Ibs./ton X	440,320	326	287	1.14	0.16
			I to to I	dolla	lbs./day	Ltonelyan
PM 2.5 facto	r	tons/year	lbs./yr	days	1	O.Da
0.00005	Ibs./ton X	440,320	22	287	0.08	0.01

# 1-350 TPH Tertiary Crusher, controlled:

		Processeo	10	date	lbs/day	tons/year	
PM factor		tons/year	lbs./yr	days	-	(Utto/) Cal	
0.0012 lbs./ton X		220,160	264	64 287 0.92		0.13	
0.0012				4-1-	The /date	Tanastina	
PM 10 factor		tons/year	lbs./yr	days	lbs./day	tons/yea	

# 2-350 TPH Tertiary Crushers, controlled:

- 400		Processed	Emissions		-	
PM factor		tons/year	lbs.lyr	days	lbs./day	tons/year
0.0012	tos,/ton X	513,707	616	287	2.15	0.03
PM 10 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00059	lbs./ton X	513,707	303	287	1.06	0.15

#### 3-375 TPH 8x20 Screens, controlled:

	Processed	Emissions			
	tons/year	lbs/yr	days	lbs./day	tons/year
lbs./ton X	293,547	646	287	2.25	0.32
tablitation in					-
	tons/vear	lbs./vr	days	lbs./day	tons/year
lbs./ton X	293 547	217	287	0.76	0.11
					T
r	tons/year	lbs./yr	days	lbs./day	tons/year
lbs./ton X	293 547	15	287	0.05	0.01
	or	tons/year   lbs./ton X   293.547   tons/year   lbs./ton X   293.547   or tons/year	tons/year   tbs/yr   ibs./ton X   293,547   646     tons/year   tbs./yr   ibs./ton X   293,547   217     or   tons/year   ibs./yr	tons/year   lbs./yr   days   lbs./ton X   293.547   646   287	tons/year   tbs./yr   days   lbs./day   lbs./ton X   293,547   646   267   2.25     tons/year   lbs./yr   days   lbs./day   lbs./ton X   293,547   217   287   0.76     or   tons/year   lbs./yr   days   lbs./day

# Concrete Batching Rex Lo-Go Dry Batch Plant / Registration No. 031-0528-6-0807

Concrete Batt	CHING NOX L	Production				Emission		-		-							
PM factor				Conversi on (1.93 tons/ cubic		lbs./yr		days		lbs./day		lbs/ton		tons/day	Work days per year		tons/ ea
(lbs/ton)		(yd^3/year)		yard)	_				-	5.71	1	2000	=	0.002854	X 287	==	0.82
0.1029	X	8,248	X	1.93		1,638		287		3,71							
PM 10 factor				Conversi on (1.93 tons/ cubic				days		libs./day		lbs/ton		tons/day	Work days per		tons/yea
(lbs/ton)		(yd^3/year)		yard)		lbs./yr		287	-	1.60	1	2000	=	0.000801	X 287	=	0,23
		8,248	V	1,93		460	- 1	201		1.00	B1125-F22			A CONTRACTOR OF THE PARTY OF TH		_	-

3/16/2023 complete

80% of original production

30% from Secondary Crusher

70% from Secondary Crusher

PM 2.5 factor (lbs/ton)		(yd^3/year)		Conversi on (1.93 tons/ cubic yard)		lbs./yr		days		ibs./day		lbs/ton		tons/day		Work days per year	-	tons/year
0.0051	X	8,248	X	1.93	=	82	- /	287	-	0.28	1	2000	=	0.000142	A	287	=	0.04

June 2006 edition controlled AP-42 factor

Portable Concrete Crushing 6-0595 N No Production in 2022

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

Pug Mill Registration No. 031-0528-6-0861 (installed 2008)

		Processed	Emissions			
PM 10 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00059	Ibs./ton X	164,546	97.08	287	0.34	0.05

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

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

Fines & Dust 10% of Production

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

		Processed	Emissions			
PM 2.5 facto	PM 2 5 factor		lbs./yr	days	lbs./day	tons/year
0.0041	lbs./ton X	0	0.00	287	0.00	0,00

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

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

2021 Calendar Year:

Rockville Batch Plant

Facility No:

031-0528

Instructions

I) 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 bailer 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 EmissionFactor)(%S)

	Registration No./ Equipment	BTU rating for boiler	Days	Gallons of #2 Fuel Oil	PM (lbs/day) filt	SO _x	NO _x (lbs/day	CO (lbs/day)	VOC (lbs/day)
	Equipment	MM BTU/hr	Openana	, 44, 5%	000,1'\dit) anoffag	(lb/1,000 gallors	(lb/1,000 gallers	(lb/1,000 gallons	(lb/1,000 gallons
Dianhaide	entwide Consumption of Heating Oil			2,483	2	43.2	20	5	0 252
Distance 2	4-7416	2,1M	287	2.483	0.01730	0,37375	0.17303	0.04326	0.00218
Govern 2	74111111111	44.77	1		0.00000	0.00000	0.00000	0.00000	0.00000
Boller 3	_		1		0.00000	0.00000	0.00000	0,00000	0,00000
Boller 4	_		1		0.00000	0.00000	0.00000	0.00000	0.00000
DOMES 5	_		1		0.00000	0,00000	0,00000	0.00000	0.00000
HILLIAN S.			"Catala	2.402	0.01730	0.37375	0.17303	0.04326	0.00218

	Registration No./	BTU rating for boiler	Days operated	PM (tons/yr)	SO _x	NO _x (tons/yr)	CO (tons/yr)	VOC (tons/yr)
		MM BTU/hr						
Epider 1	4/1432	2.1M	287	0,00248	0.05363	0.02483	0.00621	0.00031
Bolles 2		0	1	0.00000	0.00000	0.00000	0.00000	0,00000
Forest 3			1	0.00000	0.00000	0.00000	0.00000	0.00000
Dier A		0	1	0.00000	0.00000	0.00000	0.00000	0,00000
Beday 5		0	1	0,00000	0.00000	0.00000	0.00000	0,00000
			Totals	0.00248	0.05363	0.02483	0.00621	0.00031

	Registration No./ Equipment	BTU rating for boiler	Days operated	Gallons of #2 Fuel Oil	PM ₁₀ (lbs/day) filt	PM _{2.5} (lbs/day) filt	Cond PM (lbs/day )	Methane (lbs/day)	CO ₂ (lbs/day)	N ₂ O (lbs/day)
		MM BTU/hr			(1b/1,000 enoling	(lb/1,000 gallons	(lb/1,000 gallons	(lb/1,000 gallons	(lb/1,000 gallons	000, Nati) enolisg
lantwide Consumption of Heating Oil			2,483	1 08	0.83	1.3	0.216	22,300	0.26	
Boter 1	4-1418	2.1M	287	2,483	0.00934	0,00718	0,01125	0.00187	192.92997	0.00225
orler 2		0	1	0	0.00000	0.00000	0.00000	0.00000	0.00000	0,00000
soiler 3		0	- 1	0	0.00000	0.00000	0.00000	0.00000	0.00000	0,00000
Boiler 4		0	1	0	0.00000	0,00000	0.00000	0.00000	0.00000	0.00000
Boxer 5		0	1	0	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
ASSESSED OF			Totals	2,483	0.00934	0.00718	0.01125	0.00187	192,92997	0,00225

	Registration No./	BTU rating for boiler	Days operated	PM _{IO} (tons/yr) filt	PM _{2.5} (tons/yr) fift	Cond PM (tons/yr)	Methane (tons/yr)	CO ₂ (tons/yr)	N ₂ O (tons/yr)
		MM BTU/hr							
Ease: 1	4-1416	2.1M	287	0,00134	0.00103	0.00161	0.00027	27,68545	0.00032
Forter 2		0	1	0.00000	0,00000	0.00000	0.00000	0.00000	0.00000
Bailer 3		0	1	0.00000	0,00000	0.00000	0.00000	0.00000	0.00000
Bolar &		0	1	0,00000	0.00000	0.00000	0.00000	0,00000	0.00000
Boller 5:		0	1	0.00000	0.00000	0.00000	0.00000	0,00000	0.00000
			Totals	0.00134	0.00103	0.00161	0.00027	27,68545	0.00032

Total Emissions From All Sources: 33.52 tons

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

b = exponent from chart

c = constant from chart

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

5 1,75 0.1 0.3 0.00078 U= a = M = b = c =

0.005124 emission factor for PM 2.5 for dry batch E=

SCC (Source Classification Code) Number dry mix concrete = 3-05-011-10 boller <100 MM Blu/nr = 1-02-005-02 Pug Mill = 3-05-020-32 Primary Crusher = 3-05-020-01 Secondary Crusher = 3-05-020-02 Tertiary Crusher = 3-05-020-02 Secondary Screening = 3-05-020-21 Classifier = 3-05-038-12



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 <u>Permit Part IV</u>). 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:

Re: Registration Number 15MM1365 Page 3 of 6

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		Monitoing	Sample Type
	Monthly Average	Daily Maximum	UNITS	Frequency	
Flow	REPORT	REPORT	gpd		measured
рН	6.5-8.5	6.0-90	s.u.		
Total Suspended Solids (TSS)	30	60	mg/L	1/month	grab
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,

		Lin	nits		1120mm	0
PARAMETER	Daily Minimum	Monthly Average	Daily Maximum	UNITS	Monitoring Frequency	Sample Type
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)

	1711, 1756	160 140 1 143	4	
Parameter	Benchmark	Units	Frequency	Sample Type
Total Suspended Solids (TSS)	100	ma/L	1/quarter	Grab

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

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

#### Notes:

- (a) Monthly average limits apply to every facility that discharges three or more times during the month.

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

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

		Lin	nils		S. S. a. a. St. a. a. St. a. a.	Onwests	
PARAMETER	Daily Minimum	Monthly Average	Daily Maximum	UNITS	Monitoring Frequency	Sample Type	
Flow	100	REPORT	REPORT	gpd	1/month	measure	

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
рН	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 <a href="www.ecfr.gpoaccess.gov">www.ecfr.gpoaccess.gov</a>. 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 <a href="https://www.epa.gov/netdmr">www.epa.gov/netdmr</a> 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 Re: Registration Number 15MM1365 Page 6 of 6

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 documentation, the facility either discharges only to groundwater, is non-private, and/or this permit is based on a modification. 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 <a href="http://9nl.at/MD-MMGP">http://9nl.at/MD-MMGP</a>, or call the department at 410-537-3323.

Sincerely,

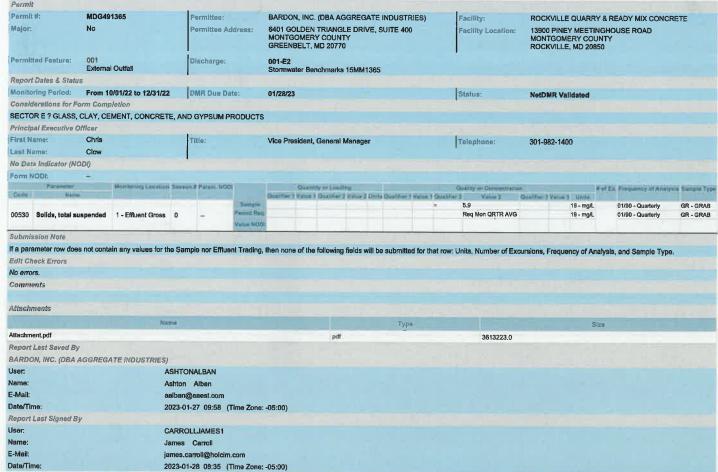
Robert Pudmericky

Project Manager/ Engineer

Industrial and General Permits Division

cc: Chief, Minerals, Oil and Gas Division (Montgomery County)

ICIS-NPDES Manager, Enforcement Division



# RECEIVED

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**Environmental Protection** 

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DEC 2 6 2023

**Environmental Protection** 

Permit																					
Permit #:	MDG491365			Permit	tee:		BARDO	N, INC. (E	BA AGGREGA	TE INDU	ISTRIES	3)		Faci	ility:		ROCKVILLE QUARRY & REA	DY MIX CO	NCRE	TE	
Major:	No			Permit	tee Addres	55:	MONTO	OLDEN TE SOMERY ( BELT, MC		E, SUITE	E 400			Fac	llity Loc	ation:	MONTGOMERY COUNTY ROCKVILLE, MD 20850	SE ROAD			
Permitted Feature:	001 External Out	fall		Discha	rge:		001-E4 Wastew		ent Limits 15MM	1365											
Report Dates & Status																					
Monitoring Period:	From 10/01/2	22 to 10/31/22		DMR D	ue Date:		01/28/2	3						Stat	tus:		NetDMR Validated				
Considerations for Form	Completion																				
SECTOR E ? GLASS, CLA	Y, CEMENT, CON	CRETE, AND G	YPSUM PR	ODUCTS																	
Principal Executive Office																					
First Name:	Chris			Title:			Vice Pn	esident, G	eneral Manager					Tek	phone:		301-982-1400				
Last Name:	Clow																				
No Data Indicator (NODI)																					
Form NODI:															-	or Commission			T W LOS	Trequency of	Bampie Xype
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			_	_	Sample		_	_						6.2	Ţ	6.3		19 -		01/30 - Monthly	GR - GRAB
		1 - Effluent			Permit									30.0 MX MO				mg/L 19 -			GR - GRAB
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03582 Oll and grease		1 - Effluent	0	_	Hall										<=	15.0 DAILY MX		mg/L		01/30 - Monthly	GR - GRAB
		Gross			Venie NOD											9 - Conditiona Period	Monitoring - Not Required This				
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50050 Flow, in conduit or	thru treatment	1 - Effluent	0	-	Parent	R	oq Mon MO		Reg Mon DAILY	07 -										01/30 - Monthly	MS - MEASRD
plant		Gross			Req. Value NOD		VG	-	MX	gal/d											LIIL/IOIID
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E-Mail:				n@eaest.c	om																
Date/Time:						Zone: -05:00	))														

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

Permit																					
Permit #:	MDG491365			Permit	iee:		BARDO	INC. (E	DBA AGGREGA	TE INDU	ISTRIES)			Fac	ility:		ROCKVILLE QUARRY & REA		NCRETE		
Major:	No			Permit	tee Addres	ss:	MONTO	OLDEN TO SOMERY IBELT, MI		E, SUITE	400			Fac	ility Loca		13900 PINEY MEETINGHOUS MONTGOMERY COUNTY ROCKVILLE, MD 20850	SE ROAD			
Permitted Feature:	001 External Outfall			Discha	rge:		001-E4 Wastev		ent Limits 15MM	1365											
Report Dates & Status																					
Monitoring Period:	From 11/01/22	to 11/30/22		DMR D	ue Date:		01/28/2	:3						Stat	tus:		NetDMR Validated				
Considerations for Form Comp																					
SECTOR E ? GLASS, CLAY, CE	EMENT, CONCR	ETE, AND GYP	SUM PR	ODUCTS																	_
Principal Executive Officer														-			***********				
First Name:	Chris			Title:			Vice Pr	esident, G	ieneral Manager					Tele	phone:		301-982-1400				
	Clow																				
No Data Indicator (NODI)																					_
Form NODI:	<b>2</b>														TOWN THE REAL PROPERTY.	COMPANY DE LA COMPANY			Kol	Frequency of	Sample Type
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					Sample							8.1				6.1		12 - SU	0	1/30 - Monthly	GR - GRAB
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50050 Flow, in conduit or thru		1 - Effluent	0		Pared	F	Req Mon MO		Req Mon DAILY	07 -									0	1/30 - Monthly	MS - MEASRD
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Submission Note					Kong Pakas						-	11									
If a parameter row does not con	ntain any values f	or the Sample n	or Effluer	nt Trading, t	hen none o	of the follow	wing fields wi	ll be subm	itted for that row	. Units, I	Number o	f Excursions,	Frequenc	cy of Analysi	s, and Sa	ample Type.					
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User:	GATE INDUSTR	IES)	Ashto																		

 Report Last Signed By

 User.
 CARROLLJAMES1

 Name:
 James Carroll

 E-Mail:
 james.camoll@holcim.com

 Date/Time:
 2023-01-28 08:35 (Time Zone: -05:00)

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Permit #:	MDG491365			Permit	taa.		BARDO	N INC (D	BA AGGREGA	TE INDU	ISTRIES	3		Fac	ility:		ROCKVILLE QUARRY & RE	ADY MIX CO	ONCRETE		
Major:	No.				tee Addre	988:	6401 G		IANGLE DRIV			,		- 1	ility Loca	ation:	13900 PINEY MEETINGHOI MONTGOMERY COUNTY ROCKVILLE, MD 20850				
Permitted Feature:	001 External Out	ifall		Discha	arge:		001-E4 Wastew	vater Efflue	nt Limits 15MM	11365											
Report Dates & Status				- 1																	
Monitoring Period:	From 12/01/	22 to 12/31/22		DMR D	Due Date:		01/28/2	3						Stat	tus:		NetDMR Validated				
Considerations for Form Co	ompletion																				
SECTOR E ? GLASS, CLAY,	CEMENT, CON	CRETE, AND GY	PSUM P	RODUCTS																	
Principal Executive Officer																					
First Name:	Chris			Title:			Vice Pr	esident, Ge	eneral Manager					Tele	phone:		301-982-1400				
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If a parameter row does not o	contain any value	es for the Sample	nor Efflue	nt Trading,	then none	of the follow	wing fields wil	l be submit	ted for that row	r. Units, N	lumber o	of Excursions	Frequen	cy of Analysis	s, and Sa	mple Type.					
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Report Last Signed By CARROLLJAMES1 Name: James Carroll E-Mail: james.carroll@holcim.com Date/Time: 2023-01-28 08:35 (Time Zone: -05:00)

Physical St. 46.							
Permit #:	MDG491365	Permittee:	BARDON, INC. (DBA AGGREGATE INDUSTRIES)	Facility:	ROCKVILLE QUARRY & READY		
Major:	No	Permittee Address:	6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	Facility Location:	13900 PINEY MEETINGHOUSE MONTGOMERY COUNTY ROCKVILLE, MD 20850	ROAU	
Permitted Feature:	001 External Outfall	Discharge:	001-E5 Wastewater Effluent Limits 15MM1365				
Report Dates & Status	5						
Monitoring Period:	From 10/01/22 to 10/31/22	DMR Due Date:	01/28/23	Status:	NetDMR Validated		
Considerations for Fo	rm Completion						
SECTOR E ? GLASS, O	CLAY, CEMENT, CONCRETE, AND	SYPSUM PRODUCTS					
Principal Executive Of	fficer						
First Name:	Chris	Title:	Vice President, General Manager	Telephone:	301-982-1400		
Last Name:	Clow						
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Pari	ameter Ministruct	seaton Season & Param. NOSI				C Frequency of Attalysis	Sample Typ
Code	Harm:			O7 - gal/d	r 2 Value 2 Qualifier 3 Value 9 Sents	01/30 - Monthly	MS - MEASR
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Submission Note							
	s not contain any values for the Sampi	e nor Effluent Trading, then	none of the following fields will be submitted for that row: Uni	its, Number of Excursions, Frequen	acy of Analysis, and Sample Type.		
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#### **DMR Copy of Record** Permit Permit #: MDG491365 BARDON, INC. (DBA AGGREGATE INDUSTRIES) Permittee: Facility: **ROCKVILLE QUARRY & READY MIX CONCRETE** Major: No Permittee Address: 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 13900 PINEY MEETINGHOUSE ROAD Facility Location: MONTGOMERY COUNTY MONTGOMERY COUNTY ROCKVILLE, MD 20850 GREENBELT, MD 20770 Permitted Feature: Discharge: 001-E5 External Outfall Wastewater Effluent Limits 15MM1365 Report Dates & Status Monitoring Period: From 11/01/22 to 11/30/22 DMR Due Date: 01/28/23 Status: **NetDMR Validated** Considerations for Form Completion SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS Principal Executive Officer First Name: Chris Title: Vice President, General Manager Telephone: 301-982-1400 Last Name: Clow No Data Indicator (NODI) Form NODI: Monitoring Location Season # Param, NODI Parameter Quantity of Loading Quality or Concentration Fol Ex. Frequency of Analysis Sample Type Code Occalifier 3 Value 1 Qualifier 2 Value 2 Uses Qualifier 4 Value 1 Qualifier 2 Value 2 Qualifier 5 Value 3 Units 332142.0 Sample 332142.0 07 - gal/d 01/30 - Monthly MS - MEASRD Personal Stars Req Mon MO AVG Req Mon DAILY MX 07 - gal/d 01/30 - Monthly MS - MEASRD 50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross 0 Value NODI Submission Note If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type. **Edit Check Errors** No errors. Comments Attachments Attachment.pdf pdf 3613223.0 Report Last Saved By BARDON, INC. (DBA AGGREGATE INDUSTRIES) User: ASHTONALBAN Name: Ashton Alban E-Mail: aalban@eaest.com Date/Time: 2023-01-27 09:49 (Time Zone: -05:00) Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

CARROLLJAMES1

james.carroll@hotcim.com

2023-01-28 08:35 (Time Zone: -05:00)

James Carroll

Parmille   Miloc41965   Parmille   SARDON, NC. (CBA AGGREGATE INDUSTRIES)   Pacility   Cocking   Country   Controller   Country   Country   Controller   Country   Controller   Country   Controller   Country   C	Permit									
MONTOWERN COUNTY   MONTOWERN C	Permit#:	MDG491365	Permittee:	BARDON, INC. (DBA A	GGREGATE IND	OUSTRIES)	Facility:	ROCKVILLE QUARRY & REA	ADY MIX CONCRETE	
Securior	Major:	No	Permittee Address:	MONTGOMERY COUN	ITY	TE 400	Facility Location:	MONTGOMERY COUNTY	SE ROAD	
Manife   Period   P	Permitted Feature:		Discharge:		mits 15MM1365					
SECTORE 2 GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS Principal Executive Office  First Name: One  No Data Indicator (NOD)  Form NOD!	Report Dates & Status									
Second   2   Carlo	Monitoring Period:	From 12/01/22 to 12/31/22	DMR Due Date:	01/28/23			Status:	NetDMR Validated		
First Name	Considerations for Form	n Completion								
Title   Vice   Peak   Title   Vice   Peak   General Manager   Peak	SECTOR E ? GLASS, CL	AY, CEMENT, CONCRETE, AND G	YPSUM PRODUCTS							
That Name: Clow No Data Indicator (MOD) Form NODI:  ***Temporal Support Concentration of Control (MOD) ***Temporal Support Control (MOD) ***Temporal	Principal Executive Offi	cer								
No Data Indicator (NODI) Form NODI:	First Name:	Chris	Title:	Vice President, General	l Manager		Telephone:	301-982-1400		
Part	Last Name:	Clow								
Part	No Data Indicator (NOD	0								
Submission Note  If a perameter 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 Excursione, Frequency of Analysis, and Sample Type.  Edit Check Efforts  No errors.  Attachments  Attachmen	Form NODI:	197								
342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0   342825.0			ecation Sharon's Paren, NOON						of Ex. Proquency of Analysis	Sample Type
Substitute   Sub	Oute	Manue						S Nature 3 Stratifier 3 Million 3 Million	01/30 - Monthly	MS - MEASRD
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.  Edit Check Errors  No errors.  Comments  Attachments  Attachments  Implicate Sample Marrie Marri	50050 Flow, in conduit	or thru treatment plant 1 - Effluent	31055 0 -	Req Mon						MS - MEASRD
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.  Edit Check Errors  No errors.  Comments  Attachments  Attachments  Implicate Sample Marrie Marri	Submission Nate									
### ### ### ### ### ### ### ### ### ##	If a parameter row does i	not contain any values for the Sample	nor Effluent Trading, then n	none of the following fields w	will be submitted	for that row: Units, Num	ber of Excursions, Frequen	cy of Analysis, and Sample Type		
No errors.           Comments           Attachments           Type         Bise           Attachment.pdf         gb 13223.0           Report Last Saved By           BARDON, INC. (IDBA AGGREGATE INDUSTRIES)           User:         ASHTONALBAN           Name:         Ashton Alban           E-Mail:         asiban@eaest.com           Date Time:         2023-01-27 09:52 [Time Zone: -05:00)           Report Last Signed By           User:         CARROLLJAMES1           Name:         CARROLLJAMES1           Name:         James Carroll           E-Mail:         james.carroll@holcim.com										
Attachments           Type         Bise           Attachment.pdf         pdf         3613223.0           Report Last Saved By           BARDON, INC. (DBA AGGREGATE INDUSTRIES)           User:         ASHTONALBAN           Name:         Ashton Alban           E-Mail:         asiban@eaest.com           Date/Time:         2023-01-27 09:52 (Time Zone: -05:00)           Report Last Signed By           User:         CARROLLJAMES1           Name:         CARROLLJAMES1           Name:         James Carroll           E-Mail:         james.carroll@holdm.com										
Name:         Ashton Alban           E-Mall:         aalban@aaest.com           Date/Time:         2023-01-27 09:52 (Time Zone: -05:00)           Report Last Signed By           User:         Ashton Alban           Ashton Signed By           User:         CARROLLJAMES1           Name:         James Carroll           E-Mail:         james.carroll@holcim.com	Comments									
Name         Typ         Reservation           Attachment.pdf         pdf         3613223.0           Report Last Saved By         BARDON, INC. (DBA AGGREGATE INDUSTRIES)           User:         ASHTONALBAN           Name:         Ashton Alban           E-Mail:         aeiban@eaest.com           Date/Time:         2023-01-27 09:52 [Time Zone: -05:00)           Report Last Signed By           User:         CARROLLJAMES1           Name:         James Carroll           E-Mail:         james.carroll@holcim.com										
Name         Typ         Reservation           Attachment.pdf         pdf         3613223.0           Report Last Saved By         BARDON, INC. (DBA AGGREGATE INDUSTRIES)           User:         ASHTONALBAN           Name:         Ashton Alban           E-Mail:         aeiban@eaest.com           Date/Time:         2023-01-27 09:52 [Time Zone: -05:00)           Report Last Signed By           User:         CARROLLJAMES1           Name:         James Carroll           E-Mail:         james.carroll@holcim.com	Attachments									
Attachment.pdf         pdf         3813223.0           Report Last Saved By           BARDON, INC. (DBA AGGREGATE INDUSTRIES)           User:         ASHTONALBAN         Secondary Secondary           Name:         Ashton Alban         Alban           E-Mail:         asiban@aset.com         Secondary Secondary           Date/Time:         2023-01-27 09:52 (Time Zone: -05:00)         Secondary Secondary           User:         CARROLLJAMES1           Name:         James Carroll           E-Mail:         james.carroll@holcim.com		Marrie				TVIN		Size		
Report Last Saved By           BARDON, INC. (DBA AGGREGATE INDUSTRIES)           User:         ASHTONALBAN           Name:         Ashton Alban           E-Mail:         asiban@eaest.com           Date/Time:         2023-01-27 09:52 (Time Zone: -05:00)           Report Last Signed By           User:         CARROLLJAMES1           Name:         James Carroll           E-Mail:         james.carroll@holcim.com	Attachment and				ndf		3613223.0			
### BARDON, INC. (DBA AGGREGATE INDUSTRIES)  User: ASHTONALBAN  Name: Ashton Alban  E-Mail: asiban@eaest.com  Date/Time: 2023-01-27 09:52 (Time Zone: -05:00)  Report Last Signed By  User: CARROLLJAMES1  Name: James Carroll  E-Mail: james.carroll@holcim.com					pui		0010220.0			
User:         ASHTONALBAN           Name:         Ashton Alban           E-Mail:         aalban@eaest.com           Date/Time:         2023-01-27 09:52 (Time Zone: -05:00)           Report Last Signed By           User:         CARROLLJAMES1           Name:         James Carroll           E-Mail:         james.carroll@holcim.com										
Name:         Ashton         Alban           E-Mail:         aalban@eaest.com           Date/Time:         2023-01-27 09:52 (Time Zone: -05:00)           Report Last Signed By           User:         CARROLLJAMES1           Name:         James Carroll           E-Mail:         james.carroll@holcim.com			TONAL DAN							
E-Mail: aalban@eaest.com  Date/Time: 2023-01-27 09:52 (Time Zone: -05:00)  Report Last Signed By  User: CARROLLJAMES1  Name: James Carroll  E-Mail: james.carroll@holcim.com										
Date/Time: 2023-01-27 09:52 (Time Zone: -05:00)										
Report Last Signed By           User:         CARROLLJAMES1           Name:         James Carroll           E-Mail:         james.carroll@holcim.com	77			05.00)						
User:         CARROLLJAMES1           Name:         James         Carroll           E-Mail:         james.carroll@holcim.com			HU1-27 U9:52 [11me Zone:	-05:00)						
Name: James Carroll E-Mail: James.carroli@holcim.com	the same of the sa									
E-Mail: james.carroll@holcim.com	User:									
Date/Time: 2023-01-28 08:35 (Time Zone: -05:00)	E-Mail:									
	Date/Time:	2023	3-01-28 08:35 (Time Zone:	-05:00)						

Permit													
Permit #:	MDG49	1365	Permi	ttee:		BARDON, INC.	(DBA AGGREGA	TE INDUSTRIES)	Facility:	ROCKVILLE	QUARRY &	READY MIX CONCR	ETE
Major:	No		Permi	ttee Add		6401 GOLDEN MONTGOMERY GREENBELT, M		E, SUITE 400	Facility Location:		ERY COUNT	HOUSE ROAD Y	
Permitted Feature:	001 Externa	l Outfail	Discha	arge:		001-J1 Stormwater Ben	ochmarks 15MM13	65					
Report Dates & Stat	us												
Monitoring Period:	From 1	0/01/22 to 12/31/22	DMR	Due Date	10	01/28/23			Status:	NetDMR Va	lidated		
Considerations for	Form Comp	oletion							-				
MINERAL MINES AN	D DRESSI	NG											
Principal Executive	Officer												
First Name:	Chris		Title:			Vice President,	General Manager		Telephone:	301-982-140	00		
Last Name:	Clow												
No Data Indicator (N	(IODI)		T.U.										
Form NODI:	:=:												
Parameter		Monitoring Location	Seeson R Pa	rant NODE			thy or Landing		Quality or Concentration		¥68	En. Presumery of Artily	a Sample Tyr
Gods Nam					Sample	Streetfier 1 Value	1 Qualifier 2 Value 2	Onto Guartier a Value a O	5.9	Qualifier 3 Value	A CHARLES	01/90 - Quarterly	GR - GRAB
					Countries.						19 - mg/L		
00530 Solids, total	suspended	EG - Effluent Gross	0 -		Parent Rass				Req Mon QRTR AVG		19 - mg/L	01/90 - Quarterly	GR - GRAB
Submission Note				Effluent	Varie NOD		following fleids will	be submitted for that ro	Req Mon QRTR AVG	rsions, Frequen			GR - GRAB
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Submission Note If a parameter row do Edit Check Errors				Effluent	Varie NOD		following fields will	be submitted for that ro		rsions, Frequen			GR - GRAB
Submission Note If a parameter row do Edit Check Errors No errors.				Effluent	Varie NOD		following fields will	be submitted for that ro		rsions, Frequen			ĢR - GRAB
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Permit						- 1					
Permit #:	MDG491	1365	Permittee:		BARDON, INC. (DBA AGGREGATE INDUST	RIES)	Facility:	ROCKVILLE	QUARRY & R	EADY MIX CONCRE	TE
Major:	No		Permittee A	ddress:	6401 GOLDEN TRIANGLE DRIVE, SUITE 40 MONTGOMERY COUNTY GREENBELT, MD 20770	0	Facility Location:	13900 PINEY MONTGOME ROCKVILLE,	RY COUNTY	OUSE ROAD	
Permitted Feature:	001 External	Outfall	Discharge:		001-E2 Stormwater Benchmarks 15MM1365						
Report Dates & Statu	s										
Monitoring Period:	From 01	/01/23 to 03/31/23	DMR Due Da	ate:	04/28/23		Status:	NetDMR Vali	dated		
Considerations for Fe	orm Comp	letion									
SECTOR E ? GLASS,	CLAY, CE	MENT, CONCRETE	E, AND GYPSUM P	RODUCTS							
Principal Executive C	fficer										
First Name:	Chris		Title:		Vice President, General Manager		Telephone:	301-982-1400	)		
Last Name:	Clow										
No Data Indicator (No	(וםכ										
Form NODI:	177										william and
Parameter Name		Montaining Location	Season F Param, NO	1	Quantity or Landing Qualities 1 Value 1 Quarties 2 Value 2 Units Quarties		Quality or Committee'or	Scaliffer 3 Value 3		A Fisquency of Analysis	Bampie Type
Code Nam				Sample	SCHOOL STORY STORY STORY STORY	-	19.3		19 - mg/L	01/90 - Quarterly	GR - GRAB
00530 Solids, total s	uspended	1 - Effluent Gross	0 =	Permit Rass Value NOD			Req Mon QRTR AVG		19 - mg/L	01/90 - Quarterly	GR - GRAB
Submission Note				Contraction of the Contraction o							
	s not conta	ain any values for th	e Sample nor Efflu	ent Tradina.	then none of the following fields will be submitt	ted for that row:	Units, Number of Exc	ursions, Freque	ncy of Analysi	s, and Sample Type.	
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No errors.											
Comments											
Attachments											
		Na	me		Ty	pë			Size:		
Attachment.pdf	_				pdf		5908271.0				
Report Last Saved B	V										
BARDON, INC. (DBA		ATE INDUSTRIES)									
User:			SHTONALBAN								
Name:		A	shton Alban								
E-Mail:		8	alban@eaest.com								
Date/Time:		2	023-04-26 14:52	(Time Zone	-04:00)						
Report Last Signed I	Зу										
User:		C	ARROLLJAMES1								
Name:		J	ames Carroll								
E-Mail:		js	ames.carroll@hold	m.com							
Date/Time:		2	023-04-27 17:56	(Time Zone	:-04:00)						

Permit																				
Permit #:	MDG491365	5		Permi	ttee:		BARDO	ON, INC. (	DBA AGGREG	ATE IND	USTRIES	3)		Fac	ility:		ROCKVILLE QUARRY & REA	ADY MIX CO	NCRETE	
Major:	No			Permi	ttee Addre	ess:	MONT	GOLDEN T GOMERY NBELT, M		/E, SUIT	E 400			Fac	ility Loc	cation:	13900 PINEY MEETINGHOU MONTGOMERY COUNTY ROCKVILLE, MD 20850	SE ROAD		
	001 External Out	tfall		Disch	arge:		001-E4 Waster	ı water Efflu	ent Limits 15MI	M1365										
Report Dates & Status																				
Monitoring Period:	From 01/01/	23 to 01/31/23		DMR	Due Date:		04/28/2	23						Sta	tus:		NetDMR Validated			
Considerations for Form Comp	oletion																			
SECTOR E ? GLASS, CLAY, CE	MENT, CON	ICRETE, AND G	YPSUM PI	RODUCTS																
Principal Executive Officer																				
	Chris			Title:			Vice Pr	resident, G	eneral Manage	er				Tel	ephone:		301-982-1400			
	Clow																			
No Data Indicator (NODI)																				
Form NODI:	23	T MORROLINA DODA	ment dan elektronia	N7 82 97																
Coste Name:		Manisoning Leest	#			Osselfler,	Value 1	Ovatilist 2		Ories	qualiti		Qualific 2	or Value 2	Quality Quality		Veltur 3	UHIEL	# of Frequency of Ex. Analysis	
					Security .							7.5				7,5		12 - SU	01/30 - Monthly	GR - GRAB
00400 pH		1 - Effluent Gross	0	70	Reg						>0	6.0 DAILY M	١		4.0	9.0 DAILY MX		12 - SU	01/30 - Monthly	GR - GRAB
					Value NOD															
					facempin	-						7.5			*	7.5		12-SU	01/30 - Monthly	GR - GRAB
00400 pH		1 - Effluent Gross	3	-	Ring						50	6.5 MO AV MN			<=	8.5 MO AVG		12 - SU	01/30 - Monthly	GR - GRAB
					WARRESTON															
					Single								_	1.95	40	2.0		19 -	01/30 - Monthly	GR - GRAB
00530 Solids, total suspended		1 - Effluent	0		Parent:								**	30.0 MX MO	<=	60.0 DAILY MX		mg/L 19 -		OD ODID
cosco comas, total adapatided		Gross		2	Reg								-	AV	<=	60.0 DAILY MX		mg/L	01/30 - Monthly	GR - GRAB
					False NOO															
					Sample Parent													19-		
03582 Oil and grease		1 - Effluent Gross	0	27	Reg										<=	15.0 DAILY MX		mg/L	01/30 - Monthly	GR - GRAB
					Yahir NGD	N.										9 - Conditiona Period	I Monitoring - Not Required This			
					Sample	28	380000.0		2880000.0	07 -	_	_	_	_	-	Toriod			01/30 - Monthly	MS -
50050 Flow, in conduit or thru tr	eatment	1 - Effluent	0		Fermit:		eg Mon MO		Reg Mon DAILY	gal/d 07 -										MEASRD MS -
plant		Gross	U		Yelle NDO	A\	VĠ		MX	gal/d								н	01/30 - Monthly	MEASRD
Submission Note					-															
If a parameter row does not conta	ain any value:	s for the Sample	nor Effluer	nt Trading, t	then none o	of the followi	ing fields will	be submi	ted for that row	: Units, N	Number o	f Excursions,	Frequer	ncy of Analysis	s, and Sa	mple Type.				
Edit Check Errors																				
No errors.																				
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Attachment.pdf									pdf						59	908271.0				
Report Last Saved By																				
BARDON, INC. (DBA AGGREGA	ATE INDUST	RIES)																		
User:				ONALBAN																
Name:				n Alban																
E-Mail:				n@eaest.co																
Date/Time:			2023-	04-26 14:4	5 /Time 7	one DA-00	1													

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

#### **DMR Copy of Record** Permit Permit #: MDG491365 Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES) ROCKVILLE QUARRY & READY MIX CONCRETE Facility: 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850 No 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY Major: Permittee Address: Facility Location: GREENBELT, MD 20770 Permitted Feature: Discharge: 001-E4 External Outfall Wastewater Effluent Limits 15MM1365 Report Dates & Status From 02/01/23 to 02/28/23 DMR Due Date: Monitoring Period: Status: 04/28/23 **NetDMR Validated** Considerations for Form Completion SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS Principal Executive Officer First Name: Title: Vice President, General Manager 301-982-1400 Telephone: Last Name: Clow No Data Indicator (NODI) Form NODI: Parameter. Montering Location Season Param. Disentity or Loading # of Frequency of Sample Type Ex. Analysis Quality of Competitation NODI Code Name Doublies Value 1 Occupies Value 2 Units Doublies Value 1 Qualifier Value 2 Battegge 7.6 <= 8.1 12 - SU 01/30 - Monthly GR - GRAB 1 - Effluent 00400 6.0 DAILY MN 9.0 DAILY MX 12 - SU 01/30 - Monthly GR - GRAB рН Gross Telue NO 7.98 7.98 12 - SU 01/30 - Monthly GR - GRAB Permit 6.5 MO AV 1 - Effluent 8.5 MO AVG 12 - SU 01/30 - Monthly GR - GRAB 00400 Gross Virtue NOT Sample 25.03 75.0 01/30 - Monthly GR - GRAB 1 - Effluent Pertoit Res. 30.0 MX MO AV 19 -mg/L Solids, total suspended 60.0 DAILY MX GR - GRAB Gross 00530 Permit Resp 15.0 DAILY MX 01/30 - Monthly GR - GRAB 1 - Effluent 03582 Oll and grease Gross 9 - Conditional Monitoring - Not Required This Vatue N/00 07 -MS -MEASRD 3096000 0 3096000.0 Simple 01/30 - Monthly Flow, in conduit or thru treatment 1 - Effluent Permit Hosp. Req Mon DAILY 07 -50050 0 01/30 - Monthly Gross MEASRD gal/d

			Value NOOS					
Submiss	ion Note							
If a parar	neter row does not contain ar	ny values for the Sample nor Efflu	ent Trading, then none of the following fields will	be submitted for t	hat row: Units, Number of Excursions, Frequency of	of Analysis, and Sample Type.		
Edit Che	ck Errors							
	Parameter	Woniforing Location	Fleld					
Code	Name	Manufactural Forestina	L16tG	Type		Description		Azknowledge
00530	Solids, total suspended	1 - Effluent Grass	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit.	Please verify that the value you have provided is correct	t.	Yes
Comme	nts							
Attachm	ents							
		Name			Туре		Size	
Attachme	nt.pdf				pdf	5908271.0		
Report L	ast Saved By							
BARDOI	I, INC. (DBA AGGREGATE	INDUSTRIES)						
User,		CAF	RROLLJAMES1					

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

Permit #:	MDG491365			Permit	tee:		BARDO	N, INC. (DI	BA AGGREGA	TE INDL	ISTRIES	)		Faci	Hitty:		ROCKVILLE QUARRY & REA	DY MIX CON	CRETE	
Major:	No				tee Addre	ss:	6401 G MONTO	• •	IANGLE DRIV			,			ility Loca	ition:	13900 PINEY MEETINGHOU MONTGOMERY COUNTY ROCKVILLE, MD 20850			
	001 External Outfa	ell		Discha	rga:		001-E4 Wastew		nt Limits 15MN	11365										
Report Dates & Status				•																
Monitoring Period:	rom 03/01/2	3 to 03/31/23		DMR D	ue Date:		04/28/2	3						Stat	tus:		NetDMR Validated			
Considerations for Form Comp.	letion																			
SECTOR E ? GLASS, CLAY, CE!	MENT, CONC	RETE, AND GY	PSUM PR	ODUCTS																
Principal Executive Officer																				
First Name: C	Chris			Title:			Vice Pr	esident, Ge	neral Manage					Tele	phone:		301-982-1400			
ast Name: C	Clow			- 1																
lo Data Indicator (NODI)																				
orm NODI:																				
Parameter Code Name		Monaching Locati	HOCERIT IN	Parami. NOO		Qualifier		Ounifier	Value 2	Units	Qualifier	(Value 1	Qualifier	Viii+2	Quality of	or Concession shion	(Value 3)		Ex. Analysis	Navyon Ty
					Same.						9	7.8				7.8		12 - SU	01/30 - Monthly	GR - GRAE
00400 pH		1 - Effluent Gross	0	-	Permit Resp. Value MOD						>=	6.0 DAILY MN			e .	9.0 DAILY MX		12 - SU	01/30 - Monthly	GR - GRAE
			-		Baypie					_	,	7.8				7.8		12 - SU	01/30 - Monthly	GR - GRA
00400 рН		1 - Effluent Gross	1	ä	Permit Reg. Value NOO						3E	6.5 MO AV MN			<=	8.5 MO AVG		12 - SU	01/30 - Monthly	GR - GRA
	_				Sample					_	_		_	13,5		14.0		19 -	01/30 - Monthly	GR - GRA
00530 Solids, total suspended		1 - Effluent	0	_	Permit									30.0 MX MO	e e	60.0 DAILY MX		mg/L 19 •	01/30 - Monthly	GR - GRA
		Gross		2	Hers. Value NOO									AV	87	GU.U DAILT MX		mg/L	0 030 - Monthly	GR-GRA
3582 Oil and grease		1 - Effluent Gross	0	ä	Permit Req.							H.			e	15.0 DAILY MX 9 - Conditional Period	Monitoring - Not Required This	19 - mg/L	01/30 - Monthly	GR - GRA
					Sample	288	0.0000	e 2	2880000.0	07 - gal/d					-	Torra			01/30 - Monthly	MS - MEASRD
Flow, in conduit or thru tre plant	eatment	1 - Effluent Gross	0	-	Permit Req.	Rec	Mon MO	F	Req Mon DAILY	07 - gal/d									01/30 - Monthly	MS - MEASRD
Submission Note			4		Value NOD									-						-
a parameter row does not contain	n any values	for the Sample n	or Effluen	t Trading, th	nen none c	f the followin	g fields will	be submitte	ed for that row	Units, N	lumber of	Excursions.	Frequenc	v of Analysis	and Sar	nple Type.				
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ARDON, INC. (DBA AGGREGA	TE INDUSTR	IES)																		
ser.			ASHTO	ONALBAN																
ame:			Ashton	Alban																
-Mail:			aalban	@eaest.co	m															
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Report Last Signed By
User: James Carroll
Hall: James carroll
Dato/Time: 2023-04-27 17-56 (Time Zone: -04-00)

Permit														
Permit #:	MDG491365	F	ermittee:		BAR	OON, INC.	(DBA AGGRE	GATE IN	DUSTRIES)		Facility:	ROCKVILLE QUARRY &	READY MIX CONCRETE	
Major:	No	F	ermittee	Address:	MON		TRIANGLE DE Y COUNTY MD 20770	RIVE, SUI	TE 400		Facility Location:	13900 PINEY MEETINGH MONTGOMERY COUNT ROCKVILLE, MD 20850		
Permitted Feature:	001 External Outfall	3	Discharge	:	001-E Wast		luent Limits 15!	MM1365						
Report Dates & Status														
Monitoring Period:	From 01/01/23 to 01/3	31/23	DMR Due I	Date:	04/28	/23					Status:	NetDMR Validated		
Considerations for Forn	Completion										•			
SECTOR E ? GLASS, CL	AY, CEMENT, CONCRE	ETE, AND GYPS	SUM PROI	DUCTS										
Principal Executive Office	er													
First Name:	Chris	1	Itte:		Vice I	President,	General Manag	jer			Telephone:	301-982-1400		
Last Name:	Clow													
No Data Indicator (NODI	)													
Form NODI:	72													
Harm	ther .	Monitoring Localie	on Season	Param NODA				errory or Lo	sarg			Communica	Fol Ex Frequency of Analys	is Sample Type
Code	Natur					Distiller 1	2880000,0	Qualifier	2880000.0			2 Value 2 Quarker 5 Value 3 Links		MA MELAND
50050 Flow, in conduit o	r thru treatment plant	1 - Effluent Gross	s 0	-	Permit Req		Req Mon MO AVO		Req Mon DAILY	07 - gal/d MX 07 - gal/d			01/30 - Monthly 01/30 - Monthly	MS - MEASRD MS - MEASRD
Submission Note								-						
If a parameter row does n	ot contain any values for	the Sample nor	Effluent T	rading, then	none of th	e following	fields will be s	ubmitted	for that row: Un	its. Number	r of Excursions, Frequenc	y of Analysis, and Sample Ty	VDe.	_
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BARDON, ING. (DBA AG	CRECATE INDUSTRIE	21												
User:	DILLON / L MOOO / MIC	ASHTON	ALRAN											
Name:		Ashton												
E-Mail;			eaest.com											
Date/Time:				(Time Zone:	-04-00)									
Report Last Signed By		2020 04-2		( Tanto Eone.	. 54.66)									
User:		CARROLI	I.IAMES1											
Name:		James (												
E-Mail:			roli@holci	m com										
Date/Time.			_	(Time Zone:	-04-00)									
Date, I IIIO.		2020-04-2	., 17.00	( Time Zurie.	04.00)									_

#### **DMR** Copy of Record Permit Permit #: MDG491365 Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES) Facility: ROCKVILLE QUARRY & READY MIX CONCRETE 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770 13900 PINEY MEETINGHOUSE ROAD Facility Location: Major: No Permittee Address: MONTGOMERY COUNTY ROCKVILLE, MD 20850 Discharge: Permitted Feature: 001-E5 External Outfall Wastewater Effluent Limits 15MM1365 Report Dates & Status Status: From 02/01/23 to 02/28/23 DMR Due Date: NetDMR Validated Monitoring Period: Considerations for Form Completion SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS Principal Executive Officer Telephone: 301-982-1400 First Name: Title: Vice President, General Manager Last Name: Clow No Data Indicator (NODI) Form NODI: Astick Frequency of Analysis Samme Type Monanting Cocation Season & Parami. NGO! Quality of Concentration Quartier 1 Value 1 Quartier 2 Value 2 Units Qualifier 1 Value 2 Quartier 2 Value 2 Quartier 3 Value 3 Units 3096000.0 3096000.0 07 - gal/d 01/30 - Monthly MS - MEASRD Sample: Req Mon DAILY MX 07 - gal/d Permit Rang Req Mon MO AVG 01/30 - Monthly MS - MEASRD 50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross 0 Anne NIDD 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 Comments Attachments pdf 5908271.0 Attachment.pdf Report Last Saved By BARDON, INC. (DBA AGGREGATE INDUSTRIES) User: ASHTONALBAN Name: Ashton Alban aalban@eaest.com E-Mail: Date/Time: 2023-04-26 14:47 (Time Zone: -04:00) Report Last Signed By CARROLLJAMES1 User: Name: James Carroll E-Mail: james.carroll@holcim.com

2023-04-27 17:56 (Time Zone: -04:00)

Date/Time:

Permit																	
Permit #:	MDG491365		Permittee:		BARD	ON, INC.	(DBA AGGR	EGATE IN	IDUSTRIE	S)		Facility:		ROCKVILLE QUAR	RY & READ	MIX CONCRETE	
Major:	No		Permittee	Address:	MON	GOMER'	TRIANGLE ( Y COUNTY MD 20770	ORIVE, SU	IITE 400			Facility Loca	ation:	13900 PINEY MEET MONTGOMERY CO ROCKVILLE, MD 20	UNTY	ROAD	
Permitted Feature:	001 External Outfall		Discharge	:	001-E Waste		luent Limits 1	5MM1365									
Report Dates & Status		- 1															
Monitoring Period:	From 03/01/23 to 03	/31/23	OMR Due	Date:	04/28	/23						Status:		NetDMR Validated			
Considerations for Form	Completion											•					
SECTOR E ? GLASS, CLA	AY, CEMENT, CONCR	ETE, AND GYPS	SUM PROI	DUCTS													
Principal Executive Office	er																
First Name:	Chris	1	l'itle:		Vice F	resident,	General Man	ager				Telephone:		301-982-1400			
Last Name:	Clow																
No Data Indicator (NODI)	)																
Form NODI:	-																
Parage		Monthly Land	on Beening	Parent NOD				Quantity or L						Concernation		r, Frequency of Amerys	Sample Type
Code	Name				Simple		2880000.0	Qualifie	2880000		07 - gal/d		t Qualitier 2	Value 3 Qualifier 3 Value	2 Units	01/30 - Monthly	MO MEACOD
50050 Flow, in conduit or	r thru treatment plant	1 - Effluent Gross	s 0	-	Permit Rec. Value NOS		Req Man MO A	VG	-	DAILY MX						01/30 - Monthly	MS - MEASRD MS - MEASRD
Submission Note								Traple									
If a parameter row does no	ot contain any values fo	r the Sample no	r Effluent T	rading, then	none of the	following	fields will be	submitted	for that re	ow: Units. I	Number	of Excursions	Frequency	of Analysis and Sam	nie Tyne		
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BARDON, INC. (DBA AGO	COECATE MIDUSTON	-01															
User.	GREGATE INDUSTRIE	ASHTON	AL DAN														
Name:		Ashton															
E-Mail:			eaest.com														
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Report Last Signed By		2023-04-	14.50	(Time Zone:	04.00)												
User:		CARROL	LIAMEST														
Name:		James (															
E-Mail:																	
Date/Time:			rroll@holci	n.com (Time Zone:	04-00)												
Dator Fillio.		2023-04-7	27 17.00	(Title Zone:	~04:00)												

Permit														
Permit #:	MDG49	1365	Permitt	:00:		BARDON, INC. (DBA	AGGREGATE	INDUSTRIES)	F	acility:	ROCKVILL	E QUARRY	READY MIX CONCE	RETE
Major:	No		Permitt	ee Addr		3401 GOLDEN TRIAN MONTGOMERY COL GREENBELT, MD 20	INTY	SUITE 400	F	acility Location:	MONTGO	EY MEETING MERY COUN E, MD 20850		
Permitted Feature:	001 Externa	Outfall	Discha	rge:		001-J1 Stormwater Benchma	rks 15MM1365							
Report Dates & Statu	/S													
Monitoring Period:	From 0	1/01/23 to 03/31/23	DMR D	ue Date:	:	14/28/23			5	Status:	NetDMR V	alidated		
Considerations for F	orm Comp	letion												
MINERAL MINES AND	D DRESSIN	IG												
Principal Executive (	Officer													
First Name:	Chris		Title:			/ice President, Gener	ral Manager		T	Telephone:	301-982-14	100		
Last Name:	Clow								,					
No Data Indicator (N	ODI)		1											
Form NODI:	72													
Parameter		Montoring Excetion	SALKON N Pier	am NODI		Quantity or 1				Distily or Coleansystics			of Ex. Esequency of Analy	ruis Sample Type
Code Num	10	-				Quarter 1 Value 1 Qual	Fire 2 Vettie 2 Uni	ta Qualifiet 3 Value	d Gualine:	19.3	Quartier 3 Viso	19 - mg/L	01/90 - Quarterly	GR - GRAB
00000 8-414- 4-4-1-		EC Efficient Comme	0		Stampler Permit Rea					Reg Mon QRTR AVG		19 - mg/L	01/90 - Quarterly	GR - GRAB
00530 Solids, total s	suspended	EG - Effluent Gross	0 =		Value NOD									
Submission Note														
If a parameter row doe	es not conta	ain any values for the S	Sample nor	Effluent	Trading, th	en none of the follow	ing fields will be	submitted for th	at row; Un	its, Number of Excur	sions, Freque	ency of Analy	sis, and Sample Type.	
Edit Check Errors No errors.														
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BARDON, INC. (DBA	AGGREG	ATE INDUSTRIES)												
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Name:			HTONALBA											
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Permit			12							,.								
Permit #:	MDG491365			nittee:			N, INC. (DBA AGGREG				illity:					MIX CONCRETE		
Major:	No 001 External Outfall		Permittee Address:			6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770				Fai	Facility Location:			13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850				
Permitted Feature:			Disch	Discharge:			001-J3 Wastewater Effluent Limits 15MM1365											
Report Dates & Status			•															
Monitoring Period: From 01/01/23 to 01/31/23		DMR Due Date:			04/28/23				Sta	Status:		NetDMR Validated						
Considerations for Forn	Completion																	
MINERAL MINES AND D	RESSING																	
Principal Executive Office	cer																	
First Name:	Chris		Title:			Vice Pre	sident, General Manage	r		Tel	ephone:	3	01-982-	-1400				
Last Name:	Clow																	
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Andrew Control	-		-		Sample	Qualified	Value 1 Guidean	2 Value 2 1	ISTEE Qu	7.5	Guattie	e2 Value 2	Dunte	7.5	12 - SU	01/30 - Monthly	GR - GRAB	
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					Switter.				-	7.5			8	7.5	12 - SU	01/30 - Monthly	GR - GRAE	
00400 pH		1 - Effluent Gross	1	-	Value NOS				>=	6.5 MO AV	MN		en.	B.5 MO AVG	12 - SU	01/30 - Monthly	GR - GRAE	
					Sample Permit Res						3	1.95	-	2.0	19 • mg/L	01/30 - Monthly	GR - GRAI	
00530 Solids, total suspe	ended	1 - Effluent Gross	1	-	Villian NOC						48	45.0 MX MO AV	/ <=	60.0 DAILY MX	( 19 - mg/L	01/30 - Monthly	GR - GRAE	
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00530 Solids, total suspe	anded	EG - Effluent Gross	0		Permit Ber						<=	1.95 30.0 MX MO AV	= / <=	2.0 66.0 DAILY MX	19 - mg/L ( 19 - mg/L	01/30 - Monthly 01/30 - Monthly	GR - GRAE	
osoo wanaa taan	anaou	Lo - Lindent Gross	ŭ		Video NOD	N.											0.1.010.0	
				_	Sample	3)	2880000.0 =	2880000.0 07	gal/d		_	_	_			01/30 - Monthly	MS - MEAS	
50050 Flow, in conduit o	r thru treatment plant	1 - Effluent Gross	0	-	Value NOS		Req Mon MO AVG	Req Mon DAILY MX 07	gal/d							01/30 - Monthly	MS - MEAS	
Submission Nate																		
If a parameter row does no	ot contain any values f	for the Sample nor Ef	fluent Tr	rading, then i	none of the	following f	ields will be submitted fo	or that row: Units, Nur	ber of E	xcursions, Freq	ency of A	nalysis, and Sar	nple Ty	гре				
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No errors.																		
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BARDON, INC. (DBA AG	GREGATE INDUSTRI	IES)																
Jser:			NALBAI	N														
Name:		Ashton Alban																
E-Mail:		aalban@eaest.com																
Date/Time:				1:45 (Time 2	Zone: -04:0	0)												
Report Last Signed By																		
Jser:		CARRO	DLLJAM	ES1														
Name:		James	Carroli	H														
E-Mail;		james.c	æmonlegt	holcim.com														

Danis II												
Permit #:	MDG491365		Permittee:	BARDON, INC. (DE	A AGGREGATE INDUSTRIES)	le:	acility:	ROCKVIL	LE QUARRY & F	READY M	IX CONCRETE	
Major:	No		Permittee Address		ANGLE DRIVE, SUITE 400 DUNTY	1	acility Location	13900 PIN MONTGO	IEY MEETINGH MERY COUNTY LE, MD 20850	OUSE RO		
Permitted Feature:	001 External Outfall		Discharge:	001-J3 Wastewater Effluen	t Limits 15MM1365							
Report Dates & Status			1									
Monitoring Period:	From 02/01/23 to 03	2/28/23	DMR Due Date:	04/28/23		s	tatus:	NetDMR \	/alidated			
Considerations for Fort	n Completion											
MINERAL MINES AND D	RESSING											
Principal Executive Offi	icer											
First Name:	Chris		Title:	Vice President, Ger	neral Manager	T	elephone:	301-982-1	400			
Last Name:	Clow											
No Data Indicator (NOD	01)											
Form NODI:							W.11	NAME OF TAXABLE PARTY.			OCES, Frequency of Amely	of Hamilton
Cotte	Name	Montaging Lucide	m Sesson & Param. NC		Guaratty or Leading tr 1 Qualifier 2 Value 2	Delta Qualifier 1: Van		Value 2 Quartie	rá Vauxa		OCETE SARding OCE ACTIVISION	or prompte cyc
1700				(Semple)		= 7.6		-	B.1	12 - SU	01/30 - Monthly	GR - GRAB
00400 pH		1 - Effluent Gross	0 -	Parmil Pire.		>= 6.0 DAI	LY MN	<=	9.0 DAILY MX	12 - SU	01/30 - Monthly	GR - GRAB
				Martin MAD						10. 011	A410A \$4155-	GR - GRAB
				Sample Partici Rea		= 7.98 >= 6.5 MO	AV MN	=		12 - SU 12 - SU	01/30 - Monthly 01/30 - Monthly	GR - GRAB
00400 pH		1 - Effluent Gross	1 -	Value NOOL								
		_		Semple			-	25.03	75.0	19 - mg/L	01/30 - Monthly	GR - GRAB
X 00530 Solids, total s	uspended	1 - Effluent Gross	1 =	Permit Reg.			48	45.0 MX MO AV <=	60.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
X 00530 Solids, total s	suspended	EG - Effluent Gros	ss 0 +	Sample Parall Bag Value NGCS				25.03 = 30.0 MX MO AV <=	75.0 66.0 DAILY MX	19 - mg/L 19 - mg/L	01/30 - Monthly 01/30 - Monthly	GR - GRAB GR - GRAB
50050 Flow, in cond	uit or thru treatment plant	1 - Effluent Gross	0 =	= 3096000.0 Req Mon N		07 - gal/d 07 - gal/d					01/30 - Monthly 01/30 - Monthly	MS - MEASI MS - MEASI
Submission Note												
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Name: James Carroll E-Mail: james.carroll@holcim.com Date/Time: 2023-05-06 08:04 (Time Zone: -04:00)

Permit #:	MDG491365		Perm	ittee:		BARDO	N, INC. (DBA AG	GREGAT	E INDUSTRIES)		Facility:	R	OCKVIL	LE QUARRY &	READY	MIX CONCRETE	
Major:	No		Perm	ittee Addres	s:	MONTG	OLDEN TRIANGL OMERY COUNT BELT, MD 20770	Υ	SUITE 400		Facility Loca	M	ONTGO	IEY MEETING MERY COUNT LE, MD 20850		OAD	
Permitted Feature:	001 External Outfall		Disch	arge:		001-J3 Wastew	ater Effluent Limit	s 15MM1	365								
Report Dates & Status			1														
Monitoring Period:	From 03/01/23 to	03/31/23	DMR	Due Date:		04/28/2	3				Status:	Ne	IDMR \	/alidated			
Considerations for Form	Completion																
MINERAL MINES AND DI	RESSING																
Principal Executive Office	cer																
First Name:	Chris		Title:			Vice Pre	sident, General N	Manager			Telephone:	30	1-982-1	400			
_ast Name:	Clow																
No Data Indicator (NOD)	7		•														
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		4 500 10	a		Sample Parmit Res					>=	6.0 DAILY MN		<=	9.0 DAILY MX		01/30 - Monthly	GR - GRAB
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00400 pH		1 - Effluent Gross	1	=	Permit Res Value NGD					>=	6.5 MO AV MN		<=	8.5 MO AVG	12 - SU	01/30 - Monthly	GR - GRAE
					Semple						-31	13.5		14.0	19 - mg/L	01/30 - Monthly	GR - GRAB GR - GRAB
00530 Solids, total susp	ended	1 - Effluent Gross	1	77	Print Res						<=	45.0 MX MO AV	<=	60.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAD
					Value NOb							13.5		14.0	19 - mg/L	01/30 - Monthly	GR - GRAB
00530 Solids, total susp	ended	EG - Effluent Gross	0	-	Femali Req Value NOD						<b>(</b> :	30.0 MX MO AV		66.0 DAILY MX		01/30 - Monthly	GR - GRAB
50050 Flow, in conduit of	or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Res Value NOS	•	2880000.0 = Req Mon MO AVG		2880000.0 07 Req Mon DAILY MX 07	- gal/d - gal/d						01/30 - Monthly 01/30 - Monthly	MS - MEASI MS - MEASI
Submission Note																	
If a parameter row does n	ot contain any values for	or the Sample nor E	ffluent T	rading, then I	none of the	following	fields will be sub-	nitted for	hat row: Units, Nu	nber of Exc	ursions, Frequency of	Analysis, and Sar	nple Typ	ю.			
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		lamos	Carro	36													
Name:																	
		james	.carroll@	holcim.com 8:54 (Time 2													

#### **DMR Copy of Record** Permit #: MDG491365 Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES) Facility: ROCKVILLE QUARRY & READY MIX CONCRETE 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850 Major: No Permittee Address: 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 Facility Location: MONTGOMERY COUNTY GREENBELT, MD 20770 Permitted Feature: Discharge: 001-J6 External Outfall Wastewater Effluent Limits 15MM1365 Report Dates & Status Monitoring Period: From 01/01/23 to 01/31/23 DMR Due Date: 04/28/23 Status: **NetDMR Validated** Considerations for Form Completion MINERAL MINES AND DRESSING Principal Executive Officer First Name: Vice President, General Manager Telephone: 301-982-1400 Last Name: Clow No Data Indicator (NODI) Form NODI: Parameter Monitoring Location Season & Param, NODE Quantity of Loading Casility 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 Simple 2880000.0 2880000.0 07 - gal/d 01/30 - Monthly MS - MEASRD familit Res Req Mon MO AVG Req Mon DAILY MX 07 - gal/d 01/30 - Monthly MS - MEASRD 50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross 0 Value NOOI Submission Note If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type. Edit Check Errors No errors. Comments Attachments Attachment.pdf pdf 5908271.0 Report Last Saved By BARDON, INC. (DBA AGGREGATE INDUSTRIES) **ASHTONALBAN** Name: Ashton Alban E-Mail: aalban@eaest.com Date/Time: 2023-04-26 14:43 (Time Zone: -04:00) Report Last Signed By User: CARROLLJAMES1 Name: James Carroll E-Mail: james.carroll@holcim.com

2023-04-28 08:54 (Time Zone: -04:00)

Date/Time:

Permit																	
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Permit #:	MDG491365		Permittee:				(DBA AGGRE				Facility:						
Vajor:	No		Permittee	Address:	MONT	<b>FGOMER</b>	TRIANGLE D Y COUNTY MD 2077()	RIVE, SUI	1 to 400		Facility Loca	tion:	MONTGO	MERY CO LE, MD 20		ROAD	
Permitted Feature:	001 External Outfall		Discharge	:	001-J Waste		luent Limits 15	MM1365									
Report Dates & Status																	
Monitoring Period:	From 92/91/23 to 02	28/23	DMR Due	Date:	04/28	/23					Status:		NetDMR	Validated			
Considerations for For	m Completion																
MINERAL MINES AND I	DRESSING																
Principal Executive Off	ficer										-						
First Name:	Chris		Title:		Vice F	resident,	General Mana	ger			Telephone:		301-982-	1400			
Last Name:	Clow																
No Data Indicator (NOL	DI)																
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Permit#: MDG491365 Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES) Facility: ROC	
Tability.	CKVILLE QUARRY & READY MIX CONCRETE
MONTGOMERY COUNTY MOR	00 PINEY MEETINGHOUSE ROAD NTGOMERY COUNTY CKVILLE, MD 20850
Permitted Feature: 001 Discharge: 001-J6 External Outfall Wasteweter Effluent Limits 15MM1365	
Report Dates & Stetus	
Monitoring Period: From 03/01/23 to 03/31/23 DMR Due Date: 04/28/23 Status: Net	DMR Validated
Considerations for Form Completion	
MINERAL MINES AND DRESSING	
Principal Executive Officer	
First Name: Chris Title: Vice President, General Manager Telephone: 301-	-982-1400
Last Name: Clow	
No Data Indicator (NODI)	
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Parameter Mentering Cocation Service # Param. NOC! Quality or Loading Quality or Concerns Scote Name Quality or Concerns Quality Quality or Concerns Quality Quality or Concerns Quality Q	
50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross 0 = 280000.0 = 280000.0 0 7 - gal/d Req Mon MO AVG Req Mon DAILY MX 07 - gal/d	01/30 - Monthly MS - MEASRD 01/30 - Monthly MS - MEASRD
Submission Note	
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of An	nalysis and Sample Type
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Name: Ashton Alban	
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E-Mail: salban@eaest.com Date/Time: 2023-04-26 14:48 (Time Zone: -04:00)	
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E-Mail: aalban@eaest.com Date/Time: 2023-04-26 14:48 (Time Zone: -04:00)  Report Last Signed By User: CARROLLJAMES1	
E-Mail: aalban@eaest.com Date/Time: 2023-04-26 14:48 (Time Zone: -04:00)  **Report Last Signed By** User: CARROLLJAMES¹ Name: James Carroll	
E-Mail: aalban@eaest.com Date/Time: 2023-04-26 14:48 (Time Zone: -04:00)  Report Last Signed By User: CARROLLJAMES1	

Permit														
Permit#:	MDG48	91365		Permitte	e:	BARDON, II	NC. (DBA AGGREGA	TE INDUSTRIES)		Facility:	ROCKVILLE QU	ARRY & REA	DY MIX CONCRETE	
Major:	No			Permitte	e Addres	MONTGOM	EN TRIANGLE DRIV ERY COUNTY T, MD 20770	E, SUITE 400		Facility Location:	13900 PINEY M MONTGOMERY ROCKVILLE, MI	COUNTY	SE ROAD	
Permitted Feature:	001 Externa	al Outfall		Dischar	ge:	901-L1 Stormwater	Benchmarks 15MM1	365						
Report Dates & Status				,										
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Considerations for For	rm Comple	etion												
Principal Executive Of	fficer													
First Name:	Chris			Title:		Vice Preside	ent, General Manager			Telephone:	301-982-1400			
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Permit											
Permit #:	MDG491365	Permittee:	BAR	DON, INC. (DBA AC	GGREGATE INDUST	RIES)	Facility:	ROCKVILL	E QUARRY &	READY MIX CONC	RETE
Major:	No	Permittee Addr	MON	GOLDEN TRIANG ITGOMERY COUNT ENBELT, MD 2077		00	Facility Location:	MONTGO	EY MEETING MERY COUNT JE, MD 20850		
Permitted Feature:	001 External Outfall	Discharge:	001-I Storr	E2 nwater Benchmarks	15MM1365						
Report Dates & Statu	S										
Monitoring Period:	From 04/01/23 to 06/30/23	DMR Due Date:	07/28	8/23			Status:	NetDMR V	alidated		
Considerations for Fo	orm Completion					1					
SECTOR E ? GLASS,	CLAY, CEMENT, CONCRET	E, AND GYPSUM PRO	DUCTS								
Principal Executive C	Officer										
First Name:	Chris	Title:	Vice	President, General	Manager		Telephone:	301-982-14	100		
Last Name:	Clow										
No Data Indicator (NO	ODI										
Form NODE:	-										
Parameter	Monitoring Location	Season # Param. NODI		Quantity of Load			Charley or Contentration			Ex. Frequency of Analy	sis Sample Ty
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00530 Solids, total su	spended 1 - Effluent Gross	0	ermit Req.								
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ermit #:	MDG491365			Permit					DBA AGGREGA			5)			ility:		ROCKVILLE QUARRY & REA		NCRETE		
Aajor:	No			Permit	ttee Addre	188:	MONTG	OMERY	RIANGLE DRIVI COUNTY D 20770	E, SUITE	E 400			Fac	ility Loca	ation:	13900 PINEY MEETINGHOUS MONTGOMERY COUNTY ROCKVILLE, MD 20850	SE ROAD			
Permitted Feature:	001 External Out	fall		Discha	arge:		001-E4 Wastew		ent Limits 15MM	1 65											
Report Dates & Status																					
Monitoring Period:	From 04/01/2	23 to 04/30/23		DMR D	Due Date:		07/28/23	3						Stat	tus:		NetDMR Validated				
Considerations for Form Com	pletion																				
SECTOR E ? GLASS, CLAY, CE	EMENT, CON	CRETE, AND GY	YPSUM PI	RODUCTS																	
Principal Executive Officer																					
First Name:	Chris			Title:			Vice Pre	esident, C	Seneral Manager					Tele	phone:		301-982-1400				
ast Name:	Clow																				
No Data Indicator (NODI)																					
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BARDON, INC. (DBA AGGRE	GATE INDUS	TRIES)																			
User:				ITONALBAN	4																
Name:				ton Alban																	
E-Mail:			aalb	an@eaest.c	com																
Date/Time:				3-07-28 11:0																	

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

Permit #:	MDG491365			Permit	tee:		BARDON,	INC. (D	BA AGGREGA	TE INDU	JSTRIES	)		Faci	lity:	F	OCKVILLE QUARRY & REA	DY MIX CON	ICRETE	
lajor:	No			Permit	tee Addre		6401 GOLI MONTGOI GREENBE	MERY C	IANGLE DRIVI OUNTY 20770	E, SUITE	400			Faci	lity Loca	N. A.	3900 PINEY MEETINGHOUS MONTGOMERY COUNTY ROCKVILLE, MD 20850	SE ROAD		
	001 External Outf	all		Discha	rge:		001-E4 Wastewate	er Efflue	nt Limits 15MM	1365										
Report Dates & Status																				
Ionitoring Period:	From 05/01/2	23 to 05/31/23		DMR D	ue Date:		07/28/23							Stat	us:	P.	letDMR Validated			
Considerations for Form Comp	letion																			
ECTOR E ? GLASS, CLAY, CE	MENT, CON	CRETE, AND GY	PSUM PR	CODUCTS																
rincipal Executive Officer																				
irst Name:	Chris			Title:			Vice President	dent, Ge	neral Manager					Tele	phone:	3	01-982-1400			
.ast Name:	Clow																			
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Parameter		Monitoring Lease	or Season	Param.				Ny ao Las								of Concentration:			Ex Amalysis	Bampre 1
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Submission Note				-	I COMMUNICATION OF THE PARTY OF		_			-	-		_		-					
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BARDON, INC. (DBA AGGREG	ATE INDUST	TRIES)																		
Jser.			ASHT	CONALBAN																
Name:			Ashto	n Alban																
			aalba	n@eaest.co	om															
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Report Last Signed By CARROLLJAMES1 Name: James Carroll E-Mail: james.carroll@holdm.com Date/Time: 2023-07-28 17:11 (Time Zone: -04:00)

Permit																					
Permit #:	MDG491365			Permit	tee:		BARDO	N, INC. (D	BA AGGREGA	TE INDL	JSTRIES	;}		Fac	ility:		ROCKVILLE QUARRY & RE		NCRE	TE	
Major:	No			Permit	tee Addre	\$8:	MONTO	OLDEN TR SOMERY ( IBELT, MD		E, SUITE	E 400			Fac	ility Loc	ation:	13900 PINEY MEETINGHO MONTGOMERY COUNTY ROCKVILLE, MD 20850	USE ROAD			
Permitted Feature:	001 External Outfi	all		Discha	rge:		001-E4 Wastew		ent Limits 15MM	1365											
Report Dates & Status																					
Monitoring Period:	From 06/01/2	3 to 06/30/23		DMR D	ue Date:		97/28/2	3						Sta	tus:		NetDMR Validated				
Considerations for Form Co	mpletion																				
SECTOR E ? GLASS, CLAY,	CEMENT, CON	CRETE, AND GY	PSUM PR	ODUCTS																	
Principal Executive Officer																					
First Name:	Chris			Title:			Vice Pr	esident, G	eneral Manager					Tel	ephone:		301-982-1400				
Last Name:	Clow																				
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					Sample						Т			5.4	=	5.4		19 - mg/L		01/30 - Monthly	GR - GRAB
00530 Solids, total suspende	ed	1 - Effluent Gross	0	-	Permit. See								es .	30.0 MX MO AV	42	60.0 DAILY MX		19 - mg/L		01/30 - Monthly	GR - GRAB
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03582 Oil and grease		1 - Effluent Gross	0	*	Permit: Rec.										<=	15.0 DAILY MX 9 - Conditional Period	Monitoring - Not Required This	19 - mg/L		01/30 - Monthly	GR - GRAB
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50050 Flow, in conduit or the	ru treatment	1 - Effluent Gross	0	*	Permit: Water NOT	, A	Req Mon MO NVG		Req Mon DAILY MX	07 - gal/d					-					01/30 - Monthly	MEASRD
Submission Note		-	_	_	Same Cont.		_	_			-										
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BARDON, INC. (DBA AGGR	EGATE INDUST	RIES)																			
User:			ASHT	ONALBAN																	
Name:				n Alban																	
E-Mail:				n@eaest.c	om																
Date/Time:						Zone: -04:0	0)														
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Report Last Signed By User: CARROLLJAMES1 Name: James Carroll E-Mail: james.carroll@holcim.com Date/Time: 2023-07-28 17:11 (Time Zone: -04:00)

Permit														
Permit #:	MDG491365	Pe	rmittee:	BARD	ON, INC.	(DBA AGGRE	GATE IND	USTRIES)		Facility:	ROCKVILLE QUARRY			
Major:	No	Pe	rmittee Address:	MONT		TRIANGLE DE COUNTY ID 20770	RIVE, SUIT	E 400		Facility Location:	13900 PINEY MEETING MONTGOMERY COUR ROCKVILLE, MD 2085	YTY	ROAD	
Permitted Feature:	001 External Outfall	Dia	scharge:	001-Et Waster		uent Limits 15	MM1365							
Report Dates & Status														
Monitoring Period:	From 04/01/23 to 04/3	30/23 DN	R Due Date:	07/28/	23					Status:	NetDMR Validated			
Considerations for For	rm Completion													
SECTOR E ? GLASS, C	LAY, CEMENT, CONCRE	ETE, AND GYPSU	IM PRODUCTS											
Principal Executive Of	ficer													
First Name:	Chris	Tit	le:	Vice P	resident,	General Mana	ger			Telephone:	301-982-1400			
Last Name:	Clow													
No Data Indicator (NO	DI)	- '												
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Permit #:	MDG491365		Permittee:		BARD	ON, INC.	(DBA AGGF	REGATE IN	DUSTRIES)		Facility:		ROCKVILLE QUARRY &	READY	AIX CONCRETE	
Major:	No		Permittee	Address:	MON'	TGOMER	TRIANGLE I Y COUNTY MD 20770	DRIVE, SU	ITE 400		Facility Locs	ition:	13900 PINEY MEETINGH MONTGOMERY COUNTY ROCKVILLE, MD 20850		OAD	
Permitted Feature:	001 External Outfall		Discharge		001-E Waste		luent Limits 1	5MM1365								
Report Dates & Status																
Monitoring Period:	From 05/01/23 to 05/31/2	23	DMR Due I	Date:	07/28	/23					Status:		NetDMR Validated			
Considerations for Forn	Completion															
SECTOR E ? GLASS, CL	AY, CEMENT, CONCRETE	, AND GYP	SUM PRO	DUCTS												
Principal Executive Office	er															
First Name:	Chris		l'itle:		Vice F	resident,	General Mar	nager			Telephone:		301-982-1400			
Last Name;	Clow															
No Data Indicator (NOD)	)															
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Maralas		nitoring Locati	on Sauson i	Páram. NODI				Dismits of L	ording				Condentration		Frequency of Analysis	Sample Type
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50050 Flow, In conduit of	r thru treatment plant 1 -	Effluent Gros	s 0	-	Fermit Req. Value NODI		2016000,0 Req Mon MO A	wg	2016000.0 Req Mon DAIL	07 - gal/d YMX 07 - gal/d					1/30 - Monthly 1/30 - Monthly	MS - MEASRD MS - MEASRD
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BARDON, INC. (DBA AG	GREGATE INDUSTRIES															
User:		ASHTON	ALBAN													
Name:		Ashton	Alban													
E-Mail:		aalban@	eaest.com													
Date/Time:				(Time Zone:	-04:00)											
Report Last Signed By					,											
User:		CARROL	LJAMES1													
Name:		James														
E-Mail:			rroll@holci	n.com												
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Permit #:	MDG491365	Pen	mittee:	BARDON	INC. (DBA AGGRE	GATE INDUS	TRIES)		Facility:		ROCKVILLE	QUARRY	& READY	MIX CONCRETE	
fajor:	No	Per	mittee Address:	MONTGO	DEN TRIANGLE DI MERY COUNTY ELT, MD 20770	RIVE, SUITE	100		Facility Locat		13900 PINEY MONTGOME ROCKVILLE,	RY COUN	ITY	ROAD	
Permitted Feature:	001 External Outfall	Disc	charge:	001-E5 Wastewat	er Effluent Limits 15	MM1365									
Report Dates & Status	8														
Monitoring Period:	From 06/01/23 to 06/30/23	DMI	R Due Date:	07/28/23					Status:		NetDMR Valle	dated			
Considerations for Fo	orm Completion														
	CLAY, CEMENT, CONCRETE, A	AND GYPSUI	M PRODUCTS												
Principal Executive O		Lucia		Man Danel	dest Occasillation				1		301-982-1400				
First Name:	Chris	Title	0:	VICE Pres	dent, General Mana	iger			Telephone:		301-902-1900	,			
Last Name:	Clow														
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Permit											
Permit#:	MDG49136	5	Permittee:		BARDON, INC. (DBA AGGREGATE INDU	STRIES)	Facility:	ROCKVILLE	QUARRY & R	READY MIX CONCR	ETE
Major:	No		Permittee Add		6401 GOLDEN TRIANGLE DRIVE, SUITE MONTGOMERY COUNTY GREENBELT, MD 20770	400	Facility Location:	13900 PINEY MONTGOME ROCKVILLE,	RY COUNTY		
Permitted Feature:	001 External Ou	tfall	Discharge:		001-J1 Stormwater Benchmarks 15MM1365						
Report Dates & Star	us										
Monitoring Period:	From 04/01	/23 to 06/30/23	DMR Due Date	9:	07/28/23		Status:	NetDMR Vali	dated		
Considerations for	Form Completio	on									
MINERAL MINES AN	D DRESSING										
Principal Executive	Officer										
First Name:	Chris		Title:	•	Vice President, General Manager		Telephone:	301-982-1400	)		
Last Name:	Clow										
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Permit #:	MDG491365		Permitt	ee:		BARDON	I, INC. (DBA A	GGREGATE	INDUSTRIES	3)		Facility:		ROCKVIL	LE QUARRY	READY	MIX CONCRETE	
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Permitted Feature:	001 External Outfall		Dischar	rge:		001-J3 Wastews	ter Effluent Lir	mits 15MM13	65									
Report Dates & Status																		
Monitoring Period:	From 04/01/23 to 0	04/30/23	DMR D	ue Date:		07/28/23						Status:		NetDMR 1	Validated:			
Considerations for For	n Completion																	
MINERAL MINES AND D	RESSING																	
Principal Executive Offi																		
First Name:	Chris		Title:			Vice Pre	sident, Genera	l Manager			- 1	Telephone		301-982-1	400			
Last Name:	Clow																	
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50050 Flow, in conduit	or thru treatment plant	1 - Effluent Gross	0	-	Permit Rec		Req Mon MO AV		eq Mon DAILY M								01/30 - Monthly	MS - MEAS
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BARDON, INC. (DBA A	GGREGATE INDUSTRI	ES)																
User:		ASHTO	DNALBAN															
Name:		Ashton	Alban															
E-Mail:		aalban	@eaest.co	om														
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		CARRO	OLLJAME	S1														
User:			OLLJAME Carroll	S1														
Report Last Signed By User: Name: E-Mail:		James	Carroll	S1 olcim.com														

Permit #:	MDG491365		Barrie	Hans		BADDO	N INC (DRA ACCRE	DATE INDITION		les me		200	CIANI I E CHA	DV 9 DEAG	W MIN CONCERT	
			Permil				N, INC. (DBA AGGRE			Facility					DY MIX CONCRETE	
Aajor:	No		Permit	itee Addre	BS:	MONTO	OLDEN TRIANGLE DR SOMERY COUNTY IBELT, MD 20770	IVE, SUITE 400		Facility	y Location:	MC	900 PINEY MEE ONTGOMERY C OCKVILLE, MD 2	YTNUC	E ROAD	
Permitted Feature:	001 External Outfall		Discha	arge:		001-J3 Wastew	rater Effluent Limits 15	MM1365								
Report Dates & Status																
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Considerations for Form	n Completion															
MINERAL MINES AND D	RESSING															
Principal Executive Offi	cer															
First Name:	Chris		Title:			Vice Pre	esident, General Manag	jer		Teleph	hone:	301	1-982-1400			
Last Name:	Clow															
No Data Indicator (NOD)	0		1													
Form NODI:	=															
Parasi	abir.	Monitoring Location	Season 1	Param. NOI	Ñ.		Quantity or					r Concentrat			# of Ex. Frequency of A	nalysis Sample 1
Case	Name .		-		Sample	Question:	Value F Qualify	is Allin S	(Inital Cus	Milet 1 Maller 1	Qualifler 2	Value 2	Qualifier 3 Valu	12 - SL		GR - GRAE
00400 pH		1 - Effluent Gross	0	-	Permit New				>4	6.0 DAILY MN				Y MX 12 - SL		GR - GRAE
					Value NGC	SI.										
	71				(Sample)	1				8.0		-	= 8.0	12 - SU	01/30 - Monthly	GR - GRAE
00400 pH		1 - Effluent Gross	1	-	Value NO				>0	6.5 MO AV MN			<= 8.5 MO /	VG 12-SL	01/30 - Monthly	GR - GRAE
					Sample						= 10.5			19 - mç		GR - GRAI
00530 Solids, total susp	ended	1 - Effluent Gross	1		Permit Res						<= 45.0	MX MO AV	60.0 DAI	.Y MX 19 - mç	/L 01/30 - Monthly	GR - GRAE
			-	_	Matur NO	N.					- 40.5			10		
00530 Solids, total susp	andad	EG - Effluent Gross	0		Sample Permit Res						= 10.5	MX MO AV	,	19 - mç LY MX 19 - mç		GR - GRAI
00000 Julius, Iotal Susp	endeo	EG - Ellidetti Gloss	U	-	Value NDC											
			_		Sampy		2016000.0 =	2016000.0	07 - gal/d			_		_	01/30 - Monthly	MS - MEAS
50050 Flow, in conduit o	r thru treatment plant	1 - Effluent Gross	0	-	Parent Her Value NOC		Req Mon MO AVG	Req Mon DAILY MX	07 - gal/d						01/30 - Monthly	MS - MEAS
Submission Note														n vi		
If a parameter row does n	ot contain any values fo	or the Sample nor Ef	fluent Tra	ding, then	none of the	following	fields will be submitted	for that row: Units, N	lumber of Ex	cursions, Frequen	ncy of Analysis	s, and Samp	ple Type.			
Edit Check Errors																
No errors.																
Comments																
Attachments																
		Numi						_	Турге					Size		
Attachment.pdf							pdf				4035816.0					
Report Last Saved By							pur				4000010.0					
BARDON, INC. (DBA AG	GREGATE INDUSTRI	ESI														
Jser:			NALBAN													
Name:			Alban													
-Mail:			@eaest.co	om												
Date/Time:				13 (Time 2	one: -04:0	0)										
Report Last Signed By																
		CARRO	DLLJAME	S1												
Jser:																
			Carroll													
User; Name: E-Mail:		James		olcim.com												

Permit																			
ermit #:	MDG491365			Permit	tee:		BARD	OON, INC	(DBA AGGRE	GATE I	NDUSTR	IES)		Facility:	ROCKVILLE	QUARRY &	READY M	X CONCRETE	
ajor:	No			Permit	tee Addr	ess:	MON.	TGOMER	TRIANGLE DE Y COUNTY MD 20770	RIVE, SI	JITE 400				MONTGOM	Y MEETING ERY COUNT E, MD 20850	HOUSE RO	AD	
ermitted Feature:	001 External Out	fall		Discha	rge:		001-J Wast		fluent Limits 15	MM136	5								
Report Dates & Status																			
Ionitoring Period:	From 06/01/	23 to 06/30/23		DMR	ue Date:		07/28	/23						Status:	NetDMR Va	lidated			
onsiderations for Form Co	mpletion																		
IINERAL MINES AND DRES	SSING																		
rincipal Executive Officer																			
Irst Name:	Chris			Title:			Vice I	President	General Mana	ger				Telephone:	301-982-14	00			
ast Name:	Clow																		
lo Data Indicator (NODI)																			
orm NODI:	-																		
Parameter Sede Nome		Monitoring Location	Bessore	Parami. NODE		Qualifier		Chaffier 2		- Onlin	Qualifie	e Value I	Qualifier	Guality or Consumbation Value 2	Challe	Vanie 3		of Prequency of iz Analysis	Sample Ty
					Barujie						=	8.1				8.1	12 - SU	01/30 - Monthly	GR - GRAB
0400 pH		1 - Effluent Gross	0	-	Parent Req. Value						>=	6.0 DAILY MN			er	9.0 DAILY MX	12 - SU	01/30 - Monthly	GR - GRAB
					NOO!	_		_		_	-	8.1	_			8.1	12 - SU	01/30 - Monthly	GR - GRAB
0400 pH		1 - Effluent Gross	1	=	Parmit State Value						>=	6.5 MO AV MN			<=	8.5 MO AVG		01/30 - Monthly	GR - GRAB
					NOCI Sample			_	_	_	_	_		5.4	*	5,4	19 - mg/L	01/30 - Monthly	GR - GRAB
00530 Solids, total suspend	ed	1 - Effluent Gross	t	ř.	Parent Res. Value								<=	45.0 MX MO AV	<=	60.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Sample	-		-	_	-	-	_		54	=	5.4	19 - mg/L	01/30 - Monthly	GR - GRAB
0530 Solids, total suspend	ed	EG - Effluent Gross	0	u .	Permit Ray, Value NOD								<≃	30.0 MX MO AV	44	66.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Sancie	a ·	3168000.0	-	3168000.0	07 - gal/d								01/30 - Monthly	MS - MEASRD
Flow, in conduit or th	ru treatment	1 - Effluent Gross	0	-	Permit: Rest		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d								01/30 - Monthly	MS - MEASRD
					Value														
					Permit Neg.								<=	VA CM XM 0.0			15 - deg	01/30 - Monthly	CA - CALCTD
0013 Temp. difference, sur	nmer (deg. F)	1 - Effluent Gross	0	-	Value									9 - Conditional Monitoring - Not Required This Period					
					Earnyla Farmit					П				Req Mon MO AVG			15 - deg	01/30 - Monthly	Π - Immersion
4027 Temperature, summe	r [deg. F]	1 - Effluent Gross	0	+	Value Money									9 - Conditional Monitoring - Not Required This					Stabilization
Submission Note					NOON			-		н				Period		_			
a parameter row does not o	contain any value	es for the Sample no	or Effluer	nt Trading,	then none	of the fo	llowing fields v	vill be sut	mitted for that r	ow: Un	ts, Numb	er of Excursi	ons, Fre	quency of Analysis, and Sample Type.					
lo errors.																			
Comments																			
Attachments																			

Attachment.pdf		pdf	4035816.0	
Report Last Saved By				
BARDON, INC. (DBA AGGREGATE INDUSTRIES)				
User:	ASHTONALBAN			
Name:	Ashton Alban			
E-Mail:	aalban@eaest.com			
Date/Time:	2023-07-28 11:14 (Time Zone: -04:00)			
Report Last Signed By				
User:	CARROLLJAMES1			
Name:	James Carroll			
E-Mail:	james.carroll@holcim.com			
Date/Time:	2023-07-28 17:15 (Time Zone: -04:00)			

Permit															
Permit #:	MDG491365	F	ermittee:		BARDON,	INC. (DBA AGG	REGATE IN	DUSTRIES)		Facility:		ROCKVILLE QUA	ARRY & READ	Y MIX CONCRETE	
Major:	No	F	ermittee Ad	ddress:	MONTGO	DEN TRIANGLE MERY COUNTY LT, MD 20770	DRIVE, SUI	TE 400		Facility Loca	tion:	13900 PINEY ME MONTGOMERY ROCKVILLE, MD	COUNTY	E ROAD	
Permitted Feature:	001 External Outfail		ischarge:		001-J6 Wastewate	er Effluent Limits	15MM1365								
Report Dates & Status	5														
Monitoring Period:	From 04/01/23 to 04	1/30/23 C	MR Due Da	ate:	07/28/23					Status:		NetDMR Validate	ıd		
Considerations for For	rm Completion														
MINERAL MINES AND I	DRESSING														
Principal Executive Of	fficer														
First Name:	Chris	1	itle:		Vice Presid	dent, General Ma	anager			Telephone:		301-982-1400			
Last Name:	Cfow														
No Data Indicator (NOI	(וסו														
Form NODI:	12														
	arrester.	Manharing Leave	on Subscript I	Parsin, NODE			Quantity or L					Consecutation;		Ex. Prequency of Analys	es Samore Typ
Day	Natio				Sample =	2880000.0	Own fee	2880000.D	07 - gal/d		1 Qualifier 2	Varue 3 Quatries 3 Va	HUE 2 STITE	01/30 - Monthly	MS - MEASE
								Reg Mon DAILY						01/30 - Monthly	MS - MEASE
50050 Flow, in conduit	it or thru treatment plant	1 - Effluent Gros	s 0		attice NOO!	Req Mon MO	AVG								
50050 Flow, in conduit	it or thru treatment plant	1 - Effluent Gros	s 0			Req Mon MO	AVG								
Submission Note				- 9	attie NOO!					of Excursions,	Frequency	of Analysis, and S	Sample Type,		
Submission Note	it or thru treatment plant			- 9	attie NOO!					of Excursions,	Frequency	of Analysis, and S	Sample Type,		
Submission Note If a parameter row does Edit Check Errors				- 9	attie NOO!					of Excursions,	Frequency	of Analysis, and S	Sample Type.		
Submission Note If a parameter row does Edit Check Errors No errors.				- 9	attie NOO!					of Excursions,	Frequency	of Analysis, and S	Sample Type.		
Submission Note If a parameter row does Edit Check Errors				- 9	attie NOO!					of Excursions,	Frequency	of Analysis, and S	Sample Type.		
Submission Note If a parameter row does Edit Check Errors No errors. Comments				- 9	attie NOO!					of Excursions,	Frequency	of Analysis, and S	Sample Type.		
Submission Note If a parameter row does Edit Check Errors No errors.		for the Sample no		- 9	attie NOO!			for that row: Un		of Excursions,	Frequency	of Analysis, and S	Sample Type.		
Submission Note If a parameter row does Edit Check Errors No errors. Comments Attachments				- 9	attie NOO!	owing fields will	be submitted					of Analysis, and S			
Submission Note If a parameter row does Edit Check Errors No errors. Comments Attachments Attachment.pdf	s not contain any values t	for the Sample no		- 9	attie NOO!		be submitted	for that row: Un			Frequency	of Analysis, and S			
Submission Note If a parameter row does Edit Check Errors No errors. Comments Attachments  Attachmentpdf Report Last Saved By	s not contain any values t	for the Sample no		- 9	attie NOO!	owing fields will	be submitted	for that row: Un				of Analysis, and S			
Submission Note If a parameter row does Edit Check Errors No errors. Comments Attachments  Attachmentpdf Report Last Saved By BARDON, INC. (DBA A	s not contain any values t	for the Sample no	Effluent Tra	- 9	attie NOO!	owing fields will	be submitted	for that row: Un				of Analysis, and S			
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Submission Note If a parameter row does Edit Check Errors No errors. Comments  Attachments  Attachment.pdf Report Last Saved By BARDON, INC. (DBA A User: Name: E-Mail: Date/Time:	s not contain any values to the state of the	Name  ASHTON Ashton aalban@	Effluent Tra	- 9	allie NOOI	owing fields will	be submitted	for that row: Un				of Analysis, and S			
Submission Note If a parameter row does Edit Check Errors No errors. Comments  Attachments  Attachment.pdf Report Last Saved By BARDON, INC. (DBA A User: Name: E-Mail: Date/Time: Report Last Signed By	s not contain any values to the state of the	Name  Name  ASHTON  Ashton  allban@  2023-07-	ALBAN Alban aaest.com 28 11:15 (	ading, then n	allie NOOI	owing fields will	be submitted	for that row: Un				of Analysis, and S			
Submission Note If a parameter row does Edit Check Errors No errors. Comments  Attachments  Attachment.pdf Report Last Saved By BARDON, INC. (DBA A Uset: Lehdail: Date/Time: Report Last Signed By User:	s not contain any values to the state of the	Name Name ASHTON Ashton aalban@ 2023-07-	ALBAN Alban eaest.com 28 11:15 (	ading, then n	allie NOOI	owing fields will	be submitted	for that row: Un				of Analysis, and S			
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Permit																
Permit #:	MDG491365	P	ermittee	;	BARD	OON, INC. (	DBA AGGRE	GATE IND	USTRIES)		Facility:		ROCKVILLE QUARRY &	READY M	IX CONCRETE	
Major:	No	P	ermittee	Address:	MON.	GOLDEN T TGOMERY ENBELT, M		IVE, SUIT	E 400		Facility Loca	ation;	13900 PINEY MEETINGH MONTGOMERY COUNT ROCKVILLE, MD 20850		DAD	
Permitted Feature:	001 External Outfall	D	ischarge	<b>:</b> :	001-J Waste		ent Limits 15	MM1365								
Report Dates & Status																
Monitoring Period:	From 05/01/23 to 05	/31/23 D	MR Due	Date:	07/28	/23					Status:		NetDMR Validated			
Considerations for Form	n Completion															
MINERAL MINES AND D	RESSING															
Principal Executive Office	cer															
First Name:	Chris	Ti	itle:		Vice F	President, G	eneral Manag	ger			Telephone:		301-982-1400			
Last Name:	Clow										,					
No Data Indicator (NODI	ŋ															
Form NODI:	-															
Parisin	Marine Marine	Montanna Location	n Bassen	Param NODI				straits or Co.	eling.				Concentration	For Ex. F	тециносу ак Анатуын	Semple Type
Code	Harris		-	_	SSample:	Omiter t	016000,0	Dunter 1	2016000.0	07 - gal/d		1 Qualifier 2	Visua 2 Guartier 5 Value 3 Uni		/30 - Monthly	MS - MEASRD
50050 Flow, in conduit o	or thru treatment plant	1 - Effluent Gross	0	-	Permit Reg.		eq Mon MO AVO		Req Mon DAILY I							MS - MEASRD
Submission Note																70.7
If a parameter row does n	ot contain any values fo	or the Sample nor	Effluent '	Trading, then	none of the	e following t	fields will be s	ubmitted f	or that row: Uni	ts. Number	of Excursions.	Frequency	of Analysis, and Sample T	voe.		
Edit Check Errors														,,		
No errors.																_
Comments																
Attachments																
_		Name							Type			_	\$10			
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Report Last Saved By							pdf				4035	816.0				
BARDON, INC. (DBA AG	CRECATE WALLSTON	CO.														
User:	GREGATE INDUSTRI	ASHTONA	LDAN													
Name:		Ashton A														
E-Mail:		aalban@e														
Date/Time:				(Time Zone:	04-00)											
Report Last Signed By		2023-07-20	6 11:17	(11me Zone:	-04:00)											
User:		CARROLL	IAMEDI													
Name;		James C														
E-Mail:																
Date/Time:		james.cam	OH COLLONS	пи.сопт												
		2022 07 21	0 17:15	(Time Zone:	04:001											

Permit																
Permit #:	MDG491365	F	ermittee:		BARDO	N, INC.	DBA AGGRE	GATE INDU	ISTRIES)		Facility:		ROCKVILLE QUARF	RY & READ	DY MIX CONCRETE	
Major:	No	F	'ermittee /	Address:	MONTG	OMERY	TRIANGLE DE COUNTY ID 20770	IVE, SUITE	400		Facility Local	tion:	13900 PINEY MEET MONTGOMERY CO ROCKVILLE, MD 20	UNTY	E ROAD	
Permitted Feature:	001 External Outfall	1	ischarge:		001-J6 Wastew	ater Efflu	uent Limits 15	MM1365								
Report Dates & Status	S	- 11									,					
Monitoring Period:	From 06/01/23 to 06/	30/23	MR Due I	Date:	07/28/23	3					Status:		NetDMR Validated			
Considerations for For	rm Completion															
MINERAL MINES AND	DRESSING															
Principal Executive Of	fficer															
First Name:	Chris	1	itle:		Vice Pre	esident, (	General Mana	ger			Telephone:		301-982-1400			
Last Name:	Clow															
No Data Indicator (NO	(וסמ															
Form NODI:	4															
Pacs	smeter	Manusaling Excub	no Swarens	Parami, NOO!				amilty or Load	minu .				Concentration		Ex. Frequency of Analy	ysin Sample Typ
Code	Harne )		-1		Sample -	miller.f	3168000.0	Shanner 2	3168000.0	07 - gal/d		Outstar 2	Variet 2 Dustifier 2 Value	3 Dains	01/30 - Monthly	MS - MEASR
										-					01/30 - Monthly	MS - MEASR
50050 Flow, in conduit	it or thru treatment plant	1 - Effluent Gros	s O	-	Parmit Beg	E	NA OM noM per	3 1	Req Mon DAILY MX	v or - gand					01/30 - Monthly	WO - MICHOIN
Submission Note If a parameter row does	it or thru treatment plant			rading, then	Value NOOI							Frequency	of Analysis, and Sam	iple Type.	01/30 - Monthly	(NO - NICAGI
Submission Note If a parameter row does Edit Check Errors No errors.				rading, then	Value NOOI							Frequency	of Analysis, and Sam	nple Type.	U130 - Monany	IIIO - IIIO - III
Submission Note If a parameter row does Edit Check Errors				reding, then	Value NOOI							Frequency	of Analysis, and Sam	ple Type.	U130 - Monany	
Submission Note If a parameter row does Edit Check Errors No errors.				reding, then	Value NOOI							Frequency	of Analysis, and Sam	iple Type.	O1/30 - Montany	
Submission Note If a parameter row does Edit Check Errors No errors. Comments				rading, then	Value NOOI							Frequency	of Analysis, and Sam	aple Type.	01/30 - Monany	ino-micros
Submission Note If a parameter row does Edit Check Errors No errors. Comments		or the Sample no		rading, then	Value NOOI				or that row: Units		of Excursions,	Frequency	r of Analysis, and Sam		O1/30 - Montany	in - million
Submission Note If a parameter row does Edit Check Errors No errors. Comments Attachments	s not contain any values fo	or the Sample no		reding, then	Value NOOI		fields will be		or that row: Units		of Excursions,		of Analysis, and Sam		O1/30 - Montany	in menor
Submission Note If a parameter row does Edit Check Errors No errors. Comments Attachments  Attachment.pdf Report Last Saved By	s not contain any values fo	or the Sample no		rading, then	Value NOOI		fields will be		or that row: Units		of Excursions,		of Analysis, and Sam		01/30 - MORENY	ino - micros
Submission Note If a parameter row does Edit Check Errors No errors. Comments Attachments  Attachment.pdf Report Last Saved By	s not contain any values fo	or the Sample no	r Effluent T	rading, then	Value NOOI		fields will be		or that row: Units		of Excursions,		r of Analysis, and Sam		01/30 - MORENY	
Submission Note If a parameter row does Edit Check Errors No errors. Comments Attachments Attachment.pdf Report Last Saved By BARDON, INC. (DBA A	s not contain any values fo	Name	r Effluent T	rading, then	Value NOOI		fields will be		or that row: Units		of Excursions,		r of Analysis, and Sam		01/30 - MORENY	
Submission Note If a parameter row does Edit Check Errors No errors. Comments Attachments Attachment pdf Report Last Saved By BARDON, INC. (DBA A	s not contain any values fo	Name  ASHTON Ashton	r Effluent T		Value NOOI		fields will be		or that row: Units		of Excursions,		of Analysis, and Sam		01/30 - MORENY	
Submission Note If a parameter row does Edit Check Errors No errors. Comments Attachments Attachmentpdf Report Last Saved By BARDON, INC. (DBA & User: Name:	s not contain any values fo	Name  ASHTON Ashton aelban@	r Effluent T		value 400i		fields will be		or that row: Units		of Excursions,		r of Analysis, and Sam		01/30 - MORENY	
Submission Note If a parameter row does Edit Check Errors No errors. Comments Attachments  Attachment,pdf Report Last Saved By BARDON, INC. (DBA & User: Name: E-Meil:	s not contain any values fo	Name  ASHTON Ashton aelban@	r Effluent T		value 400i		fields will be		or that row: Units		of Excursions,		r of Analysis, and Sam		01/30 - MORENY	
Submission Note If a parameter row does Edit Check Errors No errors. Comments Attachments  Attachment Pdf Report Last Saved By BARDON, INC. (DBA A User: Name: E-Meil: Date/Time:	s not contain any values fo	Name  ASHTON Ashton asilban@ 2023-07-	r Effluent T	(Time Zone	value 400i		fields will be		or that row: Units		of Excursions,		of Analysis, and Sam		01/30 - MORENY	
Submission Note If a parameter row does Edit Check Errors No errors. Comments Attachments Attachment.pdf Report Last Saved By BARDON, INC. (DBA A User: User: Last Submission Last Signed By Report Lest Signed By	s not contain any values fo	Name  ASHTON Ashton asilban@ 2023-07-	IALBAN Alban esest.com 28 11:17	(Time Zone	value 400i		fields will be		or that row: Units		of Excursions,		of Analysis, and Sam		01/30 - MORENY	
Submission Note If a parameter row does Edit Check Errors No errors. Comments  Attachments  Attachment.pdf Report Last Saved By BARDON, INC. (DBA A User: E-Mail: Date/Time: Report Last Signed By User:	s not contain any values fo	ASHTON Ashton aelban@ 2023-07- CARROI James	IALBAN Alban esest.com 28 11:17	(Time Zone	value 400i		fields will be		or that row: Units		of Excursions,		r of Analysis, and Sam		01/30 - MORENY	

Permit																
Permit #:	MDG4	91365		Permitt	tee:	BARDO	ON, INC. (DBA AC	GGREGATE I	NDUSTRIES)		Facility:		ROCKVILLE QUA	RRY & REA	DY MIX CONCRETE	
Major:	No			Permitt	ee Address	MONTO	OLDEN TRIANG SOMERY COUN NBELT, MD 2077	TY	JITE 400		Facility Location		13900 PINEY MEI MONTGOMERY ( ROCKVILLE, MD	COUNTY	SE ROAD	
Permitted Feature:	001 Extern	al Outfall		Discha	rge;	001-L1 Stormw	ater Benchmarks	15MM1365								
Report Dates & Status																
Monitoring Period:	From (	04/01/23 to 06/30/	23	DMR D	ue Date:	07/28/2	3				Status:		NetDMR Validate	d		
Considerations for Forn	Compl	etion		- '												
Principal Executive Office	cer															
First Name:	Chris			Title:		Vice Pr	esident, General	Manager			Telephone:		301-982-1400			
Last Name:	Clow															
No Data Indicator (NODI	)															
Form NODI;	( <u>11</u>															
Parameter Name		Montoring Location	Beauty	# Person, MOSS			Outstler 2 Vidus 2	HADRI MILLIMIAN	Value		Water Consumption	Outliffer 1	Market	W o	Ex. Frequency of Analy	sis Sample Type
					Same		Second Second		7.9	- Graning 2	E3008.6	is .	8.1	12 - SU	01/90 - Quarterly	GR - GRAB
00400 pH		1 - Effluent Gross	0	-	Permit Resp.				Req Mon QRTR MIN				Reg Mon QRTR MAX	12 - SU	01/90 - Quarterly	GR - GRAB
					Villar HODI											
					Parmit Reg						11.0 Reg Mon QRTR AVG			19 - mg/L	01/90 - Quarterly	GR - GRAB
00530 Solids, total susp	ended	1 - Effluent Gross	D	-	Value NOD!						Red Mon CRIK AVG	+		19 - mg/L	01/90 - Quarterly	GR - GRAB
Submission Note																
If a parameter row does no	ot contai	n any values for th	e Sam	ple nor Efflue	nt Trading.	hen none of the	following fields w	rill be submitte	ed for that row: Ur	nits. Numbe	er of Excursions F	Frequency	of Analysis, and S	Sample Type		
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Name:			Ash	ton Alban												
E-Mail:			aalb	on@eaest.c	om											
Date/Time:			202	3-07-28 11:1	18 (Time Z	one: -04:00)										
Report Last Signed By																
User:			CAF	RROLLJAME	S1											
Name:			Jam	nes Carroll												
E-Mail:				es.carroll@h												
Date/Time:			202	3-07-28 17:1	15 (Time Z	one: -04:00)										4 7 7

#### **DMR Copy of Record** Permit Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES) Facility: ROCKVILLE QUARRY & READY MIX CONCRETE MDG491365 Permit #: 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 No Permittee Address: Facility Location: Major: MONTGOMERY COUNTY GREENBELT, MD 20770 001 Discharge: 001-E2 Permitted Feature: External Outfall Stormwater Benchmarks 15MM1365 Report Dates & Status Monitoring Period: From 07/01/23 to 09/30/23 DMR Due Date: 10/28/23 Status: **NetDMR Validated** Considerations for Form Completion SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS Principal Executive Officer Telephone: 240-521-8835 First Name: **Environmental Engineer** Schalk Last Name: No Data Indicator (NODI) Form NODI: Parameter Municiping Location Sesson # Param, NOO) Hat Ex. Frequency of Analysis Sample Type Quantity or Leading Qualifor 1 Value 1 Qualifor 2 Value 2 Units Qualifor 1 Value 1 Qualifor 2 Value 2 Qualifor 3 Value 3 Units Gods Name 13.9 19 - mg/L 01/90 - Quarterly GR - GRAB Sample Req Mon QRTR AVG 19 - mg/L 01/90 - Quarterly GR - GRAB Permit Bat 00530 Solids, total suspended 1 - Effluent Gross 0 Value HOD Submission Note If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row. Units, Number of Excursions, Frequency of Analysis, and Sample Type. Edit Check Errors No errors. Comments Attachments Size 2205249.0 Attachment.pdf pdf Report Last Saved By BARDON, INC. (DBA AGGREGATE INDUSTRIES) ASHTONALBAN User: Name: Ashton Alban E-Mail: aalban@eaest.com 2023-10-27 13:12 (Time Zone: -04:00) Date/Time: Report Last Signed By MISCHALK User:

Miranda Schalk

miranda.schalk@holcim.com

2023-10-27 17:47 (Time Zone: -04:00)

Name:

E-Mail: Date/Time:

Permit																			
Permit #:	MDG491365			Permit	itee:	BARD	ON, INC.	DBA AGGREG	ATE INDU	JSTRIES	5)		Fac	:Ility:		ROCKVILLE QUARRY & REA	ADY MIX CO	NCRETE	
Major	No			Permit	ttee Addre	ss: 6401 MON		RIANGLE DRIV						ility Loc	cation:	13900 PINEY MEETINGHOU MONTGOMERY COUNTY ROCKVILLE, MD 20850			
Permitted Feature:	001 External Out	fall		Discha	arge:	001-E Waste		ent Limits 15M	M1365										
Report Dates & Status																			
Monitoring Period:	From 07/01/2	23 to 07/31/23		DMR D	ue Date:	10/28	/23						Stat	tus:		NetDMR Validated			
Considerations for Form Co	ompletion																		
SECTOR E ? GLASS, CLAY,	CEMENT, CON	CRETE, AND GY	PSUM PR	RODUCTS															
Principal Executive Officer																			
First Name:	Miranda			Title:		Enviro	nmental E	ngineer					Tele	ephone:		240-521-8835			
Last Name:	Schalk																		
No Data Indicator (NODI)																			
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00530 Solids, total suspende	ad	1 - Effluent	0	_	Farms !							<=	30.0 MX MO	<=	60.0 DAILY MX		mg/L 19 -	04/00 14 414	
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03582 Oil and grease		Gross	0		Value NGO										9 - Conditional Period	Monitoring - Not Required This	mg/L		
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Date/Time:

MISCHALK
Miranda Schalk
miranda.schalk@holcim.com
2023-10-27 17:38 (Time Zone: -04:00)

Permit															
Permit #:	MDG491365		Permittee	:	BARD	ON, INC.	(DBA AGGRE	GATE INC	USTRIES)		Facility:	ROCKVILLE QUARRY	& READY N	IX CONCRETE	
Major:	No		Permittes	Address:	MON.	TGOMER	TRIANGLE DE Y COUNTY MD 20770	RIVE, SUIT	TE 400		Facility Loca	tion: 13900 PINEY MEETIN MONTGOMERY COU ROCKVILLE, MD 2085	NTY	DAD	
Permitted Feature:	001 External Outfall		Discharg	9;	001-E Waste		luent Limits 15	MM1365							
Report Dates & Status															
Monitoring Period:	From 07/01/23 to 07	/31/23	DMR Due	Date:	10/28	/23					Status:	NetDMR Validated			
Considerations for Form	n Completion														
SECTOR E ? GLASS, CL	AY, CEMENT, CONCE	RETE, AND GYP	SUM PRO	DUCTS											
Principal Executive Offi	lcer														
First Name:	Miranda		Title:		Enviro	nmental	Engineer				Telephone:	240-521-8835			
Last Name:	Schalk	1													
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Param	eter.	Monitoring Locat	on Season	# Param. NODI	1		9.	armity or La	eting			Quality or Concentration	FOREK F	requerey of Analysis	Жаперля Турк
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50050 Flow, in conduit of	or thru treatment plant	1 - Effluent Gros	s 0	-	Particle Hotel Value HODI		Req Mon MO AV		403849.0 Req Mon DAILY N	07 - gal/d MX 07 - gal/d					MS - MEASRD MS - MEASRD
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User.		ASHTON													
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Date/Time:		2023-10-	27 17:37	(Time Zone:	: -04:00)										-151

Permit																	
Permit #:	MDG491365		Permittee:		BARDO	ON, INC. (	DBA AGGRI	EGATE INC	DUSTRIES)		Facility:		ROCKVILLE QU	JARRY & R	READY	MIX CONCRETE	
Major:	No		Permittee Ad	idress:	MONTO		RIANGLE D COUNTY D 20770	RIVE, SUIT	TE 400		Facility Loca	ition:	13900 PINEY M MONTGOMERY ROCKVILLE, M	Y COUNTY		ROAD	
Permitted Feature:	001 External Outfall		Discharge:		001-E5 Wastew		ent Limits 1	5MM1365									
Report Dates & Status	S																
Monitoring Pariod:	From 08/01/23 to 08/3	31/23	OMR Due Dat	te:	10/28/2	3					Status:		NetDMR Valida	ited			
Considerations for Fo.	orm Completion																
SECTOR E ? GLASS, O	CLAY, CEMENT, CONCRE	ETE, AND GYP	SUM PRODU	ICTS													
Principal Executive Of	fficer																
First Name:	Miranda		Title:		Environ	mental E	ngineer				Telephone:		240-521-8835				
Last Name:	Schalk																
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		Montering Coos	and Support # Pr	rarant, NOD)				assistive to					Concernation:	COLUMN TO SERVICE		Frequency of Analys	us. Sample Typ
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Permit #:	MDG491365		Permittee:		BARDO	ON, INC. (DBA AGGREGAT	E INDUSTRIES)		Facility:	ROCKVILLE QUARRY & F	READY MIX CONCRETE	
Major:	No		Permittee Address:		MONT	GOLDEN TRIANGLE DRIVE GOMERY COUNTY NBELT, MD 20770	, SUITE 400		Facility Location: 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850			
Permitted Feature:	ture: 001 External Outfall			:	001-E5 Waster	5 water Effluent Limits 15MM1	365					
Report Dates & Status	s											
Monitoring Period:	Period: From 09/01/23 to 09/30/23		DMR Due	Date:	10/28/23				Status:	NetDMR Validated		
Considerations for Fo	orm Completion								•			
SECTOR E 7 GLASS,	CLAY, CEMENT, CONCE	RETE, AND GYP	SUM PRO	DUCTS								
Principal Executive O	fficer											
First Name:	Miranda		Title:		Enviror	nmental Engineer			Telephone:	240-521-8835		
Last Name:	Schalk											
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	ameter	Monitoring Locati	on Season	Param, NOD			or Loading				A of Ex. Frequency of Analy	no Sample Type
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#### **DMR Copy of Record** Permit MDG491365 Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES) Facility: ROCKVILLE QUARRY & READY MIX CONCRETE Permit#: 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770 13900 PINEY MEETINGHOUSE ROAD Facility Location: Major: No Permittee Address: MONTGOMERY COUNTY ROCKVILLE, MD 20850 Discharge: Permitted Feature: 001 001-J1 External Outfall Stormwater Benchmarks 15MM1365 Report Dates & Status Monitoring Period: From 07/01/23 to 09/30/23 Status: DMR Due Date: **NetDMR Validated** Considerations for Form Completion MINERAL MINES AND DRESSING Principal Executive Officer Miranda **Environmental Engineer** Telephone: 240-521-8835 First Name: Title: Last Name: Schalk No Data Indicator (NODI) Form NODI: Parameter Manisoring Location Season & Param. NODE Quantity or Leading Quality or Concentration Fot Es. Frequency of Analysis Sample Type Code Name Our lifes 1 Value 2 Our lifes 2 Value 2 Divine Our lifes 1 Value 2 Value 2 Our lifes 3 Value 2 Unity GR - GRAB 13.9 19 - mg/L 01/90 - Quarterly 19 - mg/L Pecsalt Req Req Mon QRTR AVG 01/90 - Quarterly GR - GRAB 00530 Solids, total suspended EG - Effluent Gross 0 Visitie WOO Submission Note If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type. Edit Check Errors No errors. Comments Attachments Type Size 2205249.0 pdf Attachment.pdf Report Last Saved By BARDON, INC. (DBA AGGREGATE INDUSTRIES) **ASHTONALBAN** User: Name: Ashton Alban E-Mail: aalban@eaest.com Date/Time: 2023-10-27 13:09 (Time Zons: -04:00)

Report Last Signed By

MISCHALK

Miranda Schalk
miranda.schalk@holcim.com

2023-10-27 17:45 (Time Zone: -04:00)

User:

Name:

E-Mail:

Date/Time:

#### **DMR Copy of Record** Permit Permit #: MDG491365 Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES) ROCKVILLE QUARRY & READY MIX CONCRETE Facility: 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY Major: No Permittee Address: Facility Location: 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850 GREENBELT, MD 20770 Permitted Feature: Discharge: 001-J3 External Outfall Wastewater Effluent Limits 15MM1365 Report Dates & Status Monitoring Period: From 07/01/23 to 07/31/23 DMR Due Date: 10/28/23 Status: **NetDMR Validated** Considerations for Form Completion MINERAL MINES AND DRESSING Principal Executive Officer First Name: Title: **Environmental Engineer** 240-521-8835 Telephone: Last Name: Schalk No Data Indicator (NODI) Form NODI: Parameter Montherny Location Session Param. Quantity or Londony Quality or Concessor Frequency of Sample Type Posttoe Qualifier Value 1 Qualifier Value 2 Units Qualifier Value 3 Qualifier Qualities Value 5 theirs for Analysis 8.0 8.0 12 - SU 01/30 - Monthly GR - GRAB 00400 pH 6.0 DAILY MN 9.0 DAILY MX 12 - SU 01/30 - Monthly GR - GRAB 1 - Effluent Gross 0 Vimue 8.0 8.0 12 - SU GR - GRAB 01/30 - Monthly Person Req. 6.5 MO AV 00400 pH 300 430 8.5 MO AVG 12 - SU 01/30 - Monthly GR - GRAB 1 - Effluent Gross 1 Vanua 17.0 17.0 19 - mg/L 01/30 - Monthly GR - GRAB Permit Here 60,0 DAILY 45.0 MX MO AV 19 - mg/L 00530 Solids, total suspended 1 - Effluent Gross 1 01/30 - Monthly GR - GRAB Value NOOE 17.0 17.0 01/30 - Monthly GR - GRAB 19 - mg/L Period Reu 66.0 DAILY 19 - mg/L EG - Effluent 30.0 MX MO AV 01/30 - Monthly GR - GRAB 00530 Solids, total suspended 0 Gross Villan Sample 403849.0 403849.0 01/30 - Monthly MS - MEASRD Flow, in conduit or thru treatment Person. Req Mon DAILY 07 -MX gal/d Req Mon MO 50050 1 - Effluent Gross 0 01/30 - Monthly MS - MEASRD Value NOS Patient 15 - deg VA OM XM 0.0 01/30 - Monthly CA - CALCTD Ren 70013 Temp. difference, summer [deg. F] 1 - Effluent Gross 0 Value NOOK 9 - Conditional Monitoring - Not Required This Period 15 - deg IT - Immersion Reg Mon MO AVG 01/30 - Monthly Heij 74027 Temperature, summer [deg. F] 1 - Effluent Gross 0 9 - Conditional Monitoring - Not Required This Submission Note If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type. **Edit Check Errors** No errors. Comments

Attachments

Name

Attachment.pdf		pdf	2205249.0	
Report Last Saved By				
BARDON, INC. (DBA AGGREGATE INDUSTRIE	ES)			
User:	ASHTONALBAN			
Name:	Ashton Alban			
E-Mail:	aalban@eaest.com			
Date/Time:	2023-10-27 12:59 (Time Zone: -04:00)			
Report Last Signed By				
User:	MISCHALK			
Name:	Miranda Schalk			
E-Mail:	miranda.schalk@holcim.com			
Date/Time:	2023-10-27 17:37 (Time Zone: -04:00)			

Davenis																				
Permit Permit #: N	MDC404205												In an							
	MDG491365				ittee:		BARDON, INC. (DBA AGGREGATE INDUSTRIES)											CONCRETE		
Major: N	No			Perm	Permittee Address:			NTGOME	N TRIANGLE D RY COUNTY , MD 20770	RIVE, S	UITE 40	0			ocation: 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850					
	001 External Outfall			Disci	narge:		001- Was	-J3 stewater E	ffluent Limits 1!	5MM136	5									
Report Dates & Status																				
Monitoring Period: F	rom 08/01	/23 to 08/31/23		DMR	DMR Due Date:			10/28/23						Status:	NetDMR Validated					
Considerations for Form Compl	etion																			
MINERAL MINES AND DRESSING	G																			
Principal Executive Officer																				
First Name: N	firanda			Title:		Environmental Engineer							Telephone:	240-521-88	335					
.ast Name: S	chalk																			
lo Data Indicator (NODI)																				
orm NODI:																				
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				-	Permit								42	45.0 MX MO AV	es	60.0 DAILY		01/30 - Monthly	GR - GRAB	
0530 Solids, total suspended		1 - Effluent Gross	1		Hesp. Various								45.0 MX MO AV	45.0 MA NIO NV	MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
					NOOL															
					Security								=	22,0	7	22.0	19 - mg/L	01/30 - Monthly	GR - GRAB	
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plant	aunent	1 - Effluent Gross	0	-	Permit Res		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d								01/30 - Monthly	MS - MEASRD	
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					Value									9 - Conditional Monitoring - Not Required This Period						
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Report Last Saved By		
BARDON, INC. (DBA AGGREGATE INDUSTRIES)		
User:	ASHTONALBAN	
Name:	Ashton Alban	
E-Mail:	aalban@eaest.com	
Date/Time:	2023-10-27 13:04 (Time Zone: -04:00)	
Report Last Signed By		
User:	MISCHALK	
Name:	Miranda Schalk	
E-Mail:	miranda.schalk@holcim.com	
Date/Time:	2023-10-27 17:40 (Time Zone: -04:00)	
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Permit																			
Permit#:	MDG491365			Perm	ittee:		BAR	DON, INC	C. (DBA AGGR	EGATE II	NDUSTR	RIES)		Facility: R	OCKVILLE	QUARRY 8	READY M	IX CONCRETE	
Major: N	No			Perm	ittee Addı	ress:	MON	NTGOME	N TRIANGLE D RY COUNTY MD 20770	RIVE, SU	JITE 400			M	ONTGOM	Y MEETING ERY COUNT E, MD 20850	TY	)AD	
	001 External Out	fall		Disch	arge:		001- Was		ffluent Limits 1:	5MM1365	5								
Report Dates & Status																			
Monitoring Period: F	rom 09/01/	23 to 09/30/23		DMR	Due Date:		10/2	8/23						Status: N	etDMR Va	lidated			
Considerations for Form Compl	letion																		
MINERAL MINES AND DRESSIN	G																		
Principal Executive Officer																			
First Name: N	diranda			Title:			Envi	ronmental	Engineer					Telephone: 2-	40-521-88	35			
Last Name: S	Schalk																		
No Data Indicator (NODI)																			
Form NODI:				g1111700 DE 619															
Code Name		Monte of the second	Beauton #	Param NODI		Qualifier		Outstan		Being	Challe	Vilur 1	Qualifie	Quality or Consectination: Value 2	Quantin	Vanue 3		faif Frequency of fa. Artafysis	Sample Type
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					Parmit								42	2.6 45.0 MX MO AV	ex	60.0 DAILY	19 - mg/L 19 - mg/L	01/30 - Monthly	GR - GRAB
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					Rampis								*	2.6	18	2.7 66.0 DAILY	19 - mg/L	01/30 - Monthly	GR - GRAB
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					NOO									Period					
Submission Note					7														
If a parameter row does not contain	n any value:	s for the Sample no	or Efflue	nt Trading,	then none	of the fol	lowing fields	will be sub	mitted for that	row: Unit	s, Numb	er of Excursi	ons, Fre	quency of Analysis, and Sample Type.					
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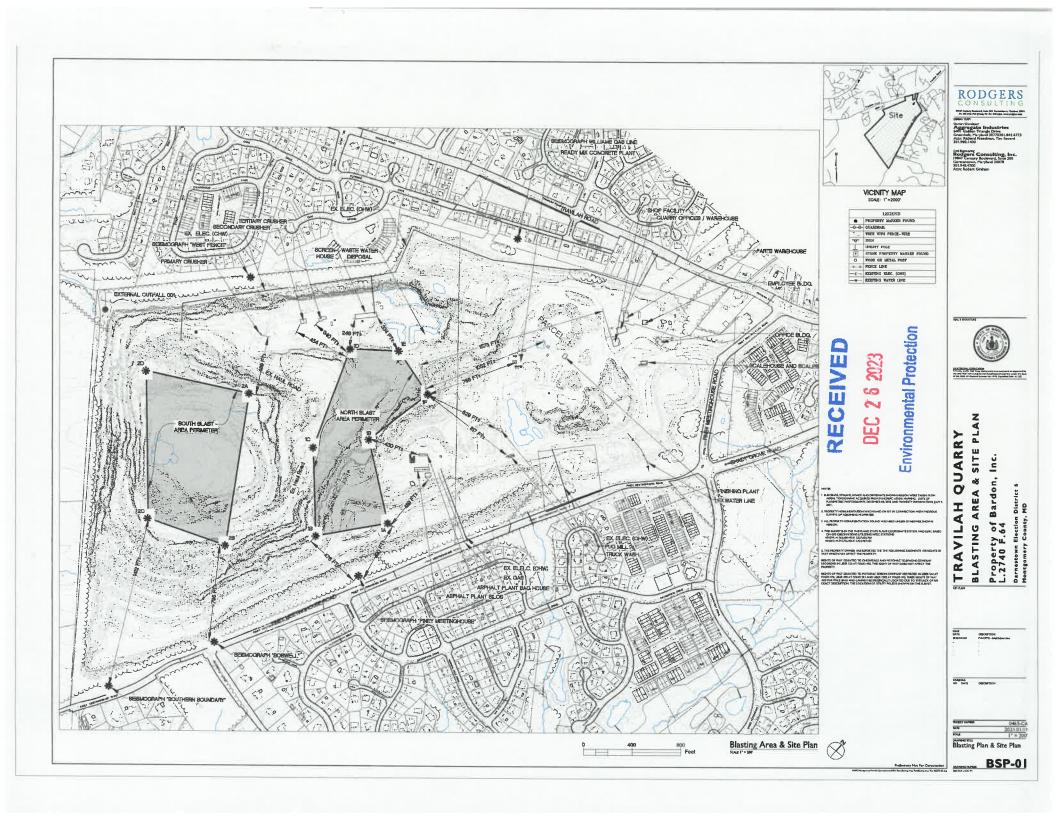
Attachment.pdf		pdf	2205249.0	
Report Last Saved By				
BARDON, INC. (DBA AGGREGATE INDUSTRIE	S)			
User:	ASHTONALBAN			
Name:	Ashton Alban			
E-Mail:	aalban@eaest.com			
Date/Time:	2023-10-27 13:09 (Time Zone: -04:00)			
Report Last Signed By				
User:	MISCHALK			
Name:	Miranda Schalk			
E-Mail:	miranda.schalk@holcim.com			
Date/Time:	2023-10-27 17:44 (Time Zone: -04:00)			

#### **DMR Copy of Record** Permit MDG491365 Permit #: Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES) Facility: ROCKVILLE QUARRY & READY MIX CONCRETE Major: No Permittee Address: 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 Facility Location: 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY MONTGOMERY COUNTY GREENBELT, MD 20770 ROCKVILLE, MD 20850 Permitted Feature: 001 Discharge: 001-J6 External Outfall Wastewater Effluent Limits 15MM1365 Report Dates & Status Monitoring Period: DMR Due Date: NetDMR Validated From 07/01/23 to 07/31/23 10/28/23 Status: Considerations for Form Completion MINERAL MINES AND DRESSING Principal Executive Officer First Name: Miranda Title: Environmental Engineer Telephone: 240-521-8835 Last Name: Schalk No Data Indicator (NODI) Form NODI: Quartey or Londing Quartey or Communication S of Ex. Frequency of Analysis Sample Type Parameter Maintaining Cocation Sweets 9 Param NODI Qualifier 1 Value 1 Occifier 2 Value 2 Units Occifier 1 Value 2 Qualifier 3 Value 2 Units 403849.0 MS - MEASRD Sample 403849.0 07 - gal/d 01/30 - Monthly Permit Rec Reg Mon MO AVG Req Mon DAILY MX 07 - gal/d 01/30 - Monthly MS - MEASRD 50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross 0 aton NOO Submission Note If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type. Edit Check Errors No errors. Comments Attachments Attachment.pdf pdf 2205249.0 Report Last Saved By BARDON, INC. (DBA AGGREGATE INDUSTRIES) User: **ASHTONALBAN** Name: Ashton Alban E-Mail: aalban@eaest.com Date/Time: 2023-10-27 12:59 (Time Zone: -04:00) Report Last Signed By User: MISCHALK Name: Miranda Schalk E-Mail: miranda.schalk@holcim.com Date/Time: 2023-10-27 17:35 (Time Zone: -04:00)

Permit									
Permit#:	MDG491365	Permittee:	BARDON, INC. (DBA AG	GREGATE INDU	JSTRIES)	Facility:	ROCKVILLE QUARRY & RE	ADY MIX CONCRETE	
Major:	No	Permittee Address:	6401 GOLDEN TRIANGE MONTGOMERY COUNT GREENBELT, MD 20770	ry	E 400	Facility Location:	13900 PINEY MEETINGHO MONTGOMERY COUNTY ROCKVILLE, MD 20850	USE ROAD	
Permitted Feature:	001 External Outfall	Discharge:	001-J6 Wastewater Effluent Limi	ls 15MM1365					
Report Dates & Status									
Monitoring Period:	From 08/01/23 to 08/31/23	DMR Due Date:	10/28/23			Status:	NetDMR Validated		
Considerations for Fo	rm Completion								
MINERAL MINES AND	DRESSING								
Principal Executive Of	fficer								
First Name:	Miranda	Title:	Environmental Engineer			Telephone:	240-521-8835		
Last Name:	Schalk								
No Data Indicator (NO	DI)								
Form NODI:									
		Location Season & Person NCC		Quantity of Load				raffer. Enequency of Analy	yes Sample Type
Code	Harm		Chariffer 1 Value Samuel = 410548,0		410548,0 07 - gal/		er 2 Vanue 3 Quantier 3 Vanue 3 Units	01/30 - Monthly	MS - MEASRD
50050 Flow, in condu	t or thru treatment plant 1 - Effluent	t Gross 0 –	Req Mon M		Req Mon DAILY MX 07 - gal/			01/30 - Monthly	MS - MEASRD
Submission Note									
If a parameter row does	not contain any values for the Samp	e nor Effluent Trading, the	n none of the following fields wi	ill be submitted fo	or that row: Units, Number	er of Excursions, Freque	ncy of Analysis, and Sample Typ	е.	
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	AGGREGATE INDUSTRIES)								
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Name:		iton Alban							
E-Mail:		ban@eaest.com							
Date/Time:		23-10-27 13:03 (Time Zone	e: _04:06\						
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User:		SCHALK							
Name:		anda Schalk							
E-Mail:		anda.schalk@holcim.com							
Date/Time:		23-10-27 17:39 (Time Zon	e: -04:00)						
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Permit #:	MDG491365	1	Permittee:		BARD	ION, INC.	(DBA AGGRE	GATE INDU	JSTRIES)		Facility:		ROCKVIL	LE QUARRY	& READY	MIX CONCRETE	
Major:	No	F	Permittee /	Address:	MON'		TRIANGLE D COUNTY ID 20770	RIVE, SUITI	400		Facility Loca	ition:	MONTGO	NEY MEETING DMERY COUN LLE, MD 2085	VTY	ROAD	
Permitted Feature:	001 External Outfail	ſ	Discharge		001-J Waste		uent Limits 15	MM1365									
Report Dates & Status																	
Monitoring Period:	From 09/01/23 to 09/3	0/23	OMR Due C	Date:	10/28	23					Status:		NetDMR	Validated			
Considerations for Forn	Completion										•						
MINERAL MINES AND D	RESSING																
Principal Executive Office	cer																
First Name:	Miranda	T	litle:		Enviro	nmental E	ngineer				Telephone:		240-521-	8835			
Last Name;	Schalk										,						
No Data Indicator (NODI	)																
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Cade Parami	Name	Monitoring Locati	on Seison I	Param. NODI		Quetfier 1		Qualities 2	Value 2	tions	Qualities 1 Value		Vene 2 Our			Frequency of Ameryca	Sumper Type
50050 Flow, in conduit of	or thru treatment plant	1 - Effluent Gross	s 0	_	Sample Permit Ros Value NOO		419060.0 Req Mon MO AV		419060.0 Req Mon DAILY	07 - gal/d 'MX 07 - gal/d						01/30 - Monthly 01/30 - Monthly	MS - MEASRD MS - MEASRD
Submission Note												-					
If a parameter row does n	ot contain any values for	the Sample nor	r Effluent T	rading, then	none of the	e following	fields will be	submitted fo	r that row: U	nits. Number	of Excursions.	Frequency	of Analysis	s. and Sample	Type.		
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		ACHTON	ALDAN														
User:		ASHTON															
User: Name:		Ashton	Alban														
User: Name: E-Mail:		Ashlon aalban@s	Alban eaest.com		-04·00)												
User: Name: E-Mall: Date/Time:		Ashlon aalban@s	Alban eaest.com	(Time Zone:	-04:00)												
User: Name: E-Mail: Date/Time: Report Last Signed By		Ashton aalban@s 2023-10-2	Alban saest.com 27 13:07		-04:00)												
User: Name: E-Mall: Date/Time: Report Last Signed By User:		Ashton aalban@s 2023-10-2	Alban eaest.com 27 13:07		-04:00)												
User: Name: E-Mail: Date/Time: Report Last Signed By User: Name:		Ashton aalban@e 2023-10-2 MISCHAL Miranda	Alban Baest.com 27 13:07 LK Schalk	(Time Zone:	-04:00)												
User: Name: E-Mall: Date/Time: Report Last Signed By User:		Ashton aalban@e 2023-10-2 MISCHAL Miranda miranda.s	Alban saest.com 27 13:07 LK Schalk schalk@ho	(Time Zone:													

Permit												
Permit#:	MDG491365	Pe	rmittee:	BARDON, INC. (DBA	AGGREGATE II	NDUSTRIES)	Facility:		ROCKVILLE QU	JARRY & REA	DY MIX CONCRETE	
Major:	No	Pe	rmittee Address:	; 6401 GOLDEN TRIAN MONTGOMERY COUL GREENBELT, MD 207	NTY	JITE 400	Facility I	ocation:	13900 PINEY M MONTGOMERY ROCKVILLE, MI	COUNTY	SE ROAD	
Permitted Feature:	001 External Outfall	Dis	scharge:	001-L1 Stormwater Benchmark	ks 15MM1365							
Report Dates & Status												
Monitoring Period:	From 07/01/23 to 09/3	0/23 DN	IR Due Date:	10/28/23			Status:		NetDMR Valida	ted		
Considerations for For	rm Completion											
Principal Executive Off	ficer											
First Name:	Miranda	Tit	le:	Environmental Enginee	er		Telepho	16:	240-521-8835			
Last Name:	Schalk						18					
No Data Indicator (NOL												
Form NODI:	-											
Faranster	Montoring Location	er Donnell H Hacers	HODE	Chiarity of Lowley			Quality or Con	rentricon		F)	if Ex. Frequency of Army	sie Sample Tyr
Code Name				Qualifier: 1 Yalum 1 Qualifier 2 Yalue			Qualities 2 Value	2 Quality		Units.	01/90 - Quarterly	GR - GRAB
00400 pH	1 - Effluent Gross	0 -	Parmit Reg. Value NOO!			Req Mon QRTR MIN			8.0 Req Mon QRTR M	12-SU IAX 12-SU	01/90 - Quarterly	GR - GRAB
												GR - GRAB
00530 Solids, total sus	spended 1 - Effluent Gross	s 0 =	Energine Permit Req.				Req Mon QR	TR AVG		19 - mg/L 19 - mg/L	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB
00530 Solids, total sus	spended 1 - Effluent Gross	3 0 =						TR AVG				
Submission Note			Permit Req.	then none of the following fields	s will be submitte	ed for that row: Ur	Req Mon QR		icy of Analysis, and	19 - mg/L	01/90 - Quarterly	
Submission Note			Permit Req.	then none of the following fields	s will be submitte	ed for that row: Ur	Req Mon QR		icy of Analysis, and	19 - mg/L	01/90 - Quarterly	
Submission Note If a parameter row does			Permit Req. Value NOCH	then none of the following fields	s will be submitte	ed for that row: Ur	Req Mon QR		icy of Analysis, and	19 - mg/L	01/90 - Quarterly	
Submission Note If a parameter row does Edit Check Errors			Permit Req. Value NOCH	then none of the following fields	s will be submitte	ed for that row; Ur	Req Mon QR		ncy of Analysis, and	19 - mg/L	01/90 - Quarterly	
Submission Note If a parameter row does Edit Check Errors No errors.			Permit Req. Value NOCH	then none of the following fields	s will be submitte	ed for that row; Ur	Req Mon QR		icy of Analysis, and	19 - mg/l. d Sample Type	01/90 - Quarterly	
Submission Note If a parameter row does Edit Check Errors No errors. Comments			Permit Req. Value NOCH	then none of the following fields	s will be submitte	ed for that row: Ur	Req Mon QR		icy of Analysis, and	19 - mg/L	01/90 - Quarterly	
Submission Note If a parameter row does Edit Check Errors No errors. Comments		the Sample nor	Permit Req. Value NOCH	then none of the following fields	s will be submitte		Req Man QR		icy of Analysis, and	19 - mg/l. d Sample Type	01/90 - Quarterly	
Submission Note If a parameter row does Edit Check Errors No errors. Comments Attachments	not contain any values for	the Sample nor	Permit Req. Value NOCH	then none of the following fields			Req Man QR	ions, Frequer	icy of Analysis, and	19 - mg/l. d Sample Type	01/90 - Quarterly	
Submission Note If a parameter row does Edit Check Errors No errors. Comments Attachments Attachment.pdf Report Last Saved By	not contain any values for	the Sample nor I	Permit Req. Value NOCH	then none of the following fields			Req Man QR	ions, Frequer	icy of Analysis, and	19 - mg/l. d Sample Type	01/90 - Quarterly	
Submission Note If a parameter row does Edit Check Errors No errors. Comments Attachments Attachment.pdf Report Last Saved By	not contain any values for	the Sample nor I	Permit Res. Year NOOR	then none of the following fields			Req Man QR	ions, Frequer	acy of Analysis, and	19 - mg/l. d Sample Type	01/90 - Quarterly	
Submission Note If a parameter row does Edit Check Errors No errors. Comments Attachments Attachment.pdf Report Last Saved By BARDON, INC. (DBA A	not contain any values for	the Sample nor I	Primit Res. Year NOOH  Effluent Trading, t	then none of the following fields			Req Man QR	ions, Frequer	icy of Analysis, and	19 - mg/l. d Sample Type	01/90 - Quarterly	
Submission Note If a parameter row does Edit Check Errors No errors. Comments  Attachments  Attachment.pdf Report Last Saved By BARDON, INC. (DBA A User:	not contain any values for	Name Sample nor l	Primit Res. Year NOOR  Effluent Trading, t	then none of the following fields			Req Man QR	ions, Frequer	icy of Analysis, and	19 - mg/l. d Sample Type	01/90 - Quarterly	
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Submission Note If a parameter row does Edit Check Errors No errors. Comments Attachments Attachment pdf Report Last Saved By BARDON, INC. (DBA A User: Name: E-Mail:	not contain any values for	Name  ASHTONA Ashton A selben@ee	Effluent Trading, t				Req Man QR	ions, Frequer	icy of Analysis, and	19 - mg/l. d Sample Type	01/90 - Quarterly	
Submission Note If a parameter row does Edit Check Errors No errors. Comments  Attachments  Attachment pdf Report Last Saved By BARDON, INC. (DBA A User: Name: E-Mail: Date/Time:	not contain any values for	Name  ASHTONA Ashton A selben@ee	Effluent Trading, t  LBAN Ilban aest.com 7 13:07 (Time 2				Req Man QR	ions, Frequer	icy of Analysis, and	19 - mg/l. d Sample Type	01/90 - Quarterly	
Submission Note If a parameter row does Edit Check Errors No errors. Comments  Attachments  Attachment.pdf Report Last Saved By BARDON, INC. (DBA A User: Name: E-Mail: Date/Time: Report Last Signed By	not contain any values for	Names  ASHTONA Ashton A asiban@ei 2023-10-2i	Effluent Trading, t  LBAN Ilban aest.com 7 13:07 (Time Z				Req Man QR	ions, Frequer	acy of Analysis, and	19 - mg/l. d Sample Type	01/90 - Quarterly	
Submission Note If a parameter row does Edit Check Errors No errors. Comments  Attachments  Attachment.pdf Report Last Saved By BARDON, INC. (DBA A User: E-Mail: Date/Time: Report Last Signed By User:	not contain any values for	Name  ASHTONA Ashton A aslban@er 2023-10-27  MISCHALL Miranda	Effluent Trading, t  LBAN Ilban aest.com 7 13:07 (Time Z	Cone: -04:00)			Req Man QR	ions, Frequer	icy of Analysis, and	19 - mg/l. d Sample Type	01/90 - Quarterly	



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DEC 2 6 2023

**Environmental Protection** 

Particulate Control Plan - Travilah Quarry

December 7, 2023

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

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

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

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

In 2023, the quarry has been focused on environmental improvements to the current operational plan and has instituted an effort termed the Track Out and Dust Reduction Initiative. This initiative has two focus categories. The first is reducing fugitive dust emissions during the crushing and screening process throughout the plant footprint. The material process flow diagram was analyzed and all transfer points have been assessed regarding the efficiency of the control measure in place. Any control device that required maintenance or replacement has received proper maintenance attention. In addition, all of the dust collectors throughout the process have been serviced and/or upgraded to be sure the units are performing at maximum capacity. The dust collector initiative is currently 80% complete and will be completed by the end of 2024. Secondly, during the fall of this year the internal exit haul road has been improved to enhance the effectiveness of the truck wash system and improve truck cleanliness when exiting the quarry. This initiative is larger in scope as it required site engineering and planning to achieve the desired result. The upper quarry drainage patterns have been studied and drainage improvements are underway to control where the water drains to be sure it does not conflict with vehicular traffic. The quarry exit road between the truck wash and scaling area is now complete and has been reconfigured and rebuilt including new pavement as an additional measure to maximize the reduction of potential track out. Both of these projects are part of our effort for to reduce the overall fugitive dust impact and to improve the environmental footprint for the guarry operation.

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



#### DEPARTMENT OF PERMITTING SERVICES

Marc Elrich County Executive

Hadi Mansouri Acting Director

## SEDIMENT CONTROL PERMIT

Issue Date: 08/01/2001

Permit No: 203770

Expires: 08/01/2024

Ref. No:

ID: AC569139

THIS IS TO CERTIFY THAT:

BARDON, INC - ATTN: RICHARD FREEDMAN

6401 GOLDEN TRIANGLE DR, SUITE 400

GREENBELT, MD 20770

HAS PERMISSION TO:

DISTURB

0 PREV. AAP'D

PURPOSE:

REVISION

PERMIT CONDITIONS:

◇ FOREST CLEARING REMEDIATION APPROVED REVISION RECEIVED 8/5/2016 TO

INCREASE LOD BY 63,156 SQUARE FEET-PERMIT ISSUED 8/5/2016↔

PREMISE ADDRESS:

TRAVILAH QUARRY @ PINEY MEETINGHOUSE RD,

**POTOMAC** 



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

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

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

1. Commencing land-disturbing activity;

2. Installing sediment-control basins or stormwater-management structures;

3. Removing sediment-control devices; and

LOT - BLOCK: -

ZONE:

ELECTION DISTRICT:

BOND NO.:

**BOND TYPE:** 

PS NUMBER:

PERMIT FEE: \$ 29,027.06

SUBDIVISION: TRAVILAH QUARRY

Acting Director, Department of Permitting Services

Aggregate Industries - Rockville Quarry - November 2022 Blast Locations







Shot Location; Number corresponds to shot number on report

RECEIVED

DEC 2 6 2023

**Environmental Protection** 

< 0.02

<124

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

SITE NAME:

Aggregate Industries -

Rockville

G. 13611 Pine View Lane

MDE-BLAST-REPORT Check Box if No Blasting Occurred During the Month Reporting

MONTH /	YEAR:	Dyno Nobel North America Nov-22				
DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
11/03/2022 12:02pm	51-22	Level 4, Hole depth 46 feet	39.0776N, -77.22483W	Sunny, 61.23 degrees F	One neighbor complained about the blast. Quarry management followed up with the complainant.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,801	22.7/27.8/27.8	0.025/0.02/0.018	108
		B. Piney Meetinghouse	889	33.3/38.5/35.7	0.41/0.185/0.285	109
		C. West Fence	1,776	N/A	<0.02	124
		D. Williams Gasline	2,202	35.7/35.7/22.7	0.025/0.028/0.015	110
		E. Southern Boundary	3,008	N/A	<0.02	<120

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

N/A

2,601

^{**}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.

MDE-BLAST-REPORT

SI	TE N	IAN	1E:

Aggregate Industries -

Rockville

Dyno Nobel North America

Check Box if No Blasting Occurred During the Month Reporting

**BLAST COMPANY: MONTH / YEAR:** 

Nov-22

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

^{*}Highlight HIGHEST recorded ground vibration and air blast that the seimsograph instrument records for each indivdual shot. The permitee 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.

AShot 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.

Aggregate Industries - Rockville Quarry - December 2022 Blast Locations







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SITE NAME:	Aggregate Industries - Rockville	Check Box if No Blasting Occurred During the Month Reporting	
<b>BLAST COMPANY:</b>	Dyno Nobel North America		
MONTH / YEAR	Nov. 22		

DATE/TIME	22/2022	**LOCATION - SHOT	I - SHOT LAT / LONG - SHOT WEATHER AT		COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED	
12/22/2022 11:00am	55-22	Level 3, Hole depth 47 feet	39.0775N, -77.2246W	Rainy, 34 degrees F	No complaints.	7	
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)	
		A. Boswell	1,762	11.4/20.8/12.5	0.048/0.018/0.018	96	
		B. Piney Meetinghouse	814	26.3/27.8/31	0.3/0.28/0.273	109	
		C. West Fence	1,850	N/A	<0.02	122	
		D. Williams Gasline	2,246	27.8/27.8/35.7	0.033/0.03/0.02	109	
		E. Southern Boundary	2,984	N/A	<0.02	<120	
		F. 13603 Pine View Lane	2,498	N/A	<0.02	<120	
		G. 13611 Pine View Lane	2,672	N/A	<0.02	<124	

^{*}Highlight HIGHEST recorded ground vibration and air blast that the seimsograph instrument records for each indivdual shot. The permitee 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.

Aggregate Industries - Rockville Quarry - January 2023 Blast Locations







MDE-BLAST-REPORT

DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO	NUMBER OF SEISMOGRAPHS
BLAST COM MONTH /		_ Dyno Nobel North America Jan-23				
SITE NAME:		Aggregate Industries - Rockville			Check Box if No Blasting Occurred Dur Reporting	ing the Month

DATE, THE	31101 #	LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT THISE OF SHOT	COMPLAINT	USED
1/25/2023 9:38am	02-23	Level 3B, Hole depth 47 feet	39.07572N, -77.22272W	7572N, -77.22272W Cloudy, 37.4 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,573	17.9/20.8/35.7	0.0475/0.04/0.0225	106.7
		B. Piney Meetinghouse	587	23.8/21.7/35.7	0.475/0.400/0.240	111.4
		C. West Fence	2,078	N/A	<0.02	<120
		D. Williams Gasline	2,466	N/A	<0.02	<120
		E. Southern Boundary	2,830	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,679	N/A	<0.02	<120
		G. 13611 Pine View Lane	2.874	N/A	<0.02	<124

^{*}Highlight HIGHEST recorded ground vibration and air blast that the seimsograph instrument records for each indivdual shot. The permitee 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.

G. 13611 Pine View Lane

MDE-BLAST-REPORT

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SITE NAME:		Aggregate Industries - Rockville	Check Box if No Blasting Occurred During the Month Reporting				
BLAST COM MONTH /		Dyno Nobel North America Jan-23			mark they are the		
DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED	
1/18/2023 10:11am	01-23	Level 4, Hole depth 47 feet	39.07743N, -77.2246W	Sunny, 50.9 degrees F	No complaints.	7	
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)	
		A. Boswell	1,739	27.8/41.7/31.3	0.0375/0.0275/0.0175	104.2	
		B. Piney Meetinghouse	812	29.4/26.3/31.3	0.255/0.195/0.22	110.5	
		C. West Fence	1,851	N/A	<0.02	<120	
		D. Williams Gasline	2,268	27.8/31.3/15.6	0.0225/0.025/0.0125	106.4	
		E. Southern Boundary	2,959	N/A	<0.02	<120	
		F. 13603 Pine View Lane	2,491	N/A	<0.02	<120	

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

N/A

2,668

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

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Aggregate Industries - Rockville Quarry - February 2023 Blast Locations







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SITE NAME:	Aggregate Industries - Rockville		Check Box if No Blasting Occurred During the Month Reporting
BLAST COMPANY:	Dyno Nobel North America		
MONTH / YEAR:			

DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	TYPE / COMPANY RESPONSE TO  COMPLAINT	SEISMOGRAPHS USED
1/30/2023 11:53am	03-23	Level 5 Hole depth 60 feet	39.07795N, -77.2262W	Cloudy, 50.34 degrees F	Neighbors complained about the blast. Quarry management followed up with HOA representative of the complainants.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,982	12.5/20.8/14.7	0.035/0.040/0.0175	105.9
		B. Piney Meetinghouse	1,294	22.7/26.3/26.3	0.190/0.2025/0.1225	102.6
		C. West Fence	1,368	16.1/41.7/16.1	0.0625/0.0475/0.0500	120.3
		D. Williams Gasline	2,072	20.8/20.8/15.6	0.0675/0.0725/0.0625	102.6
		E. Southern Boundary	3,094	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,044	25/38.5/35.7	0.0275/0.0275/0.015	115.9
		G. 13611 Pine View Lane	2.199	41.7/71.4/45.5	0.0275/0.025/0.015	111.7

^{*}Highlight HIGHEST recorded ground vibration and air blast that the seimsograph instrument records for each individual shot. The permitee 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.

AShot 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.

ndividual Shot Blast Rep	ort			MDE-BLAST-REPORT
SITE NAME:	Aggregate Industries - Rockville		Check Box if No Blasting Occurred Du Reporting	ıring the Month
BLAST COMPANY: MONTH / YEAR:	Dyno Nobel North America Feb-23			
			COMPLAINT RECEIVED &	NUMBER OF

DATE/TIME	ASHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	TYPE / COMPANY RESPONSE TO COMPLAINT	SEISMOGRAPHS USED
2/8/2023 10:50am	05-23	Level 3B, Hole depth 45-47 feet	45-47 39.07684N, -77.22397W Sunny, 53.04 de		No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,531	25/35.7/35.7	0.045/0.0425/0.0325	106.4
		B. Piney Meetinghouse	565	26.3/21.7/38.5	0.445/0.4325/0.2775	114.3
		C. West Fence	2,106	N/A	<0.02	<120
		D. Williams Gasline	2,511	N/A	<0.02	<120
		E. Southern Boundary	2,791	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,696	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,896	N/A	<0.02	<124

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	MDE-BLAST-REPOR
7	Check Box if No Blasting Occurred During the Month
	Reporting

SITE NAME:

Aggregate Industries -

Rockville

**BLAST COMPANY:** 

Dyno Nobel North America

MONTH / YEAR:

Feb-23

DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
2/3/2023 1:08pm	04-23	Level 4, Hole depth 47 feet	39.07681N, -77.22483W	Windy, 30 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,513	17.9/25/27.8	0.0375/0.0375/0.0225	99.4
		B. Piney Meetinghouse	804	22.7/29.4/38.5	0.3175/0.3625/0.265	115.2
		C. West Fence	1,892	33.3/35.7/14.3	0.025/0.0175/0.015	108.8
		D. Williams Gasline	2,489	N/A	<0.02	<120
		E. Southern Boundary	2,724	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,456	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,663	N/A	<0.02	<124

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

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Aggregate Industries - Rockville Quarry - March 2023 Blast Locations







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MONTH / YEAR:	Feb-23		
BLAST COMPANY:	Dyno Nobel North America		
SITE NAME:	Rockville	Reporting	ing occurred burning the Month
SITE NAME:	Aggregate Industries -	Check Box if No Blast	ting Occurred During the Month

DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	TYPE / COMPANY RESPONSE TO  COMPLAINT	SEISMOGRAPHS USED
2/22/2023 10:37am	06-23	Level 3B, Hole depth 47 feet	39.07684N, -77.22397W	Rainy, 45.28 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,531	20.8/20.8/31.3	0.0525/0.045/0.0275	106.4
		B. Piney Meetinghouse	565	22.7/23.8/35.7	0.63/0.5225/0.2975	110.8
		C. West Fence	2,106	N/A	<0.02	<120
		D. Williams Gasline	2,511	N/A	<0.02	<120
		E. Southern Boundary	2,791	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,696	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,896	N/A	<0.02	<124

^{*}Highlight HIGHEST recorded ground vibration and air blast that the seimsograph instrument records for each indivdual shot. The permitee 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.

MDE-BLAST-REPOR
Check Box if No Blasting Occurred During the Month Reporting

	SITE NAME:	
BL	AST COMPANY:	

Rockville
Dyno Nobel North America

Aggregate Industries -

MONTH / YEAR:

Mar-23

DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
3/20/2023 9:58am	08-23	Level 4, Hole depth 47 feet	39.07705N, -77.22431W	Sunny, 31.32 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,600	41.7/41.7/41.6	0.04/0.04/0.025	96.2
		B. Piney Meetinghouse	678	23.8/27.8/33.3	0.595/0.3375/0.3	108.8
		C. West Fence	1,987	N/A	<0.02	<120
		D. Williams Gasline	2,419	N/A	<0.02	<120
		E. Southern Boundary	2,841	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,592	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,784	N/A	<0.02	<124

^{*}Highlight HIGHEST recorded ground vibration and air blast that the seimsograph instrument records for each indivdual shot. The permitee 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.

	MDE-BLAST-REPOR
٦	Check Box if No Blasting Occurred During the Month
	Reporting

NUMBER OF

COMPLAINT RECEIVED &

SITE NAME:

Aggregate Industries -

Rockville

**BLAST COMPANY:** 

Dyno Nobel North America

MONTH / YEAR:

Mar-23

DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	TYPE / COMPANY RESPONSE TO  COMPLAINT	SEISMOGRAPHS USED
3/7/2023 11:27am	07-23	Level 4, Hole depth 47 feet	39.07664N, -77.22496W	Cloudy, 42 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,453	31.3/35.7/35.7	0.055/0.05/0.035	106.1
		B. Piney Meetinghouse	834	23.8/27.8/35.7	0.6175/0.2675/0.24	111.1
		C. West Fence	1,889	N/A	<0.02	<120
		D. Williams Gasline	2,548	62.5/31.3/31.3	0.025/0.025/0.02	104.2
		E. Southern Boundary	2,657	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,430	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,645	N/A	<0.02	<124

^{*}Highlight HIGHEST recorded ground vibration and air blast that the seimsograph instrument records for each individual shot. The permitee 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.

Aggregate Industries - Rockville Quarry - April 2023 Blast Locations







MDF	DIA	CT	DEDC	DT

CITE	NAME:
SIIE	INMINIE.

Aggregate Industries -

Rockville

Check Box if No Blasting Occurred During the Month Reporting

**BLAST COMPANY:** 

Dyno Nobel North America

MONTH / YEAR:

Apr-23

DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
4/12/2023 10:43am	09-23	Level 4, Hole depth 47 feet	39.07705N, -77.22431W	Cloudy, 69.13 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,600	41.7/41.7/35.7	0.045/0.03/0.0275	106.1
		B. Piney Meetinghouse	678	33.3/23.8/38.5	0.2525/0.2775/0.2125	109.1
		C. West Fence	1,987	N/A	<0.02	<120
		D. Williams Gasline	2,419	50/41.7/13.2	0.0225/0.045/0.0075	96.2
		E. Southern Boundary	2,841	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,592	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,784	N/A	<0.02	<124

^{*}Highlight HIGHEST recorded ground vibration and air blast that the seimsograph instrument records for each individual shot. The permitee 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.

ndividual Shot						MDE-BLAST-REPORT
SITE NAME:		Aggregate Industries - Rockville			Check Box if No Blasting Occurred Dur Reporting	ing the Month
BLAST CON	IPANY:	Dyno Nobel North America				
MONTH /	YEAR:	Apr-23				
DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO	NUMBER OF SEISMOGRAPHS

					COMPLAINT	USED
4/18/2023 9:37am	10-23	Level 3, Hole depth 30 feet	39.0761N, -77.22438W	Sunny, 55.06 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,253	14.7/11.9/12.5	0.0275/0.020/0.0125	101
		B. Piney Meetinghouse	686	27.8/22.7/41.7	0.24/0.175/0.1375	124.2
		C. West Fence	2,131	N/A	<0.02	<120
		D. Williams Gasline	2,760	N/A	<0.02	<120
		E. Southern Boundary	2,500	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,631	N/A	<0.02	<120
		G 13611 Pine View Lane	2 863	N/A	<0.02	<124

^{*}Highlight HIGHEST recorded ground vibration and air blast that the seimsograph instrument records for each indivdual shot. The permitee 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.

MDE-BLAST-REPORT

SITE NAME: BLAST COMPANY:		Aggregate Industries - Rockville		Check Box if No Blasting Occurred During t  Reporting			
		Dyno Nobel North America					
MONTH /	YEAR:	Apr-23					
DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED	
4/17/2023 11:00am	12-23	Level 3, Hole depth 30 feet	39.07634N, -77.2238W	Sunny, 60.24 degrees F	No complaints.	7	
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)	
		A. Boswell	1,356	25/19.2/17.9	0.035/0.0175/0.0125	94.6	
		B. Piney Meetinghouse	509	26.3/26.3/35.7	0.405/0.3725/0.18	110.8	
		C. West Fence	2,229	N/A	<0.02	<120	
		D. Williams Gasline	2,699	N/A	<0.02	<120	
		E. Southern Boundary	2,630	N/A	<0.02	<120	
		F. 13603 Pine View Lane	2,772	N/A	<0.02	<120	
		G. 13611 Pine View Lane	2,991	N/A	<0.02	<124	

^{*}Highlight HIGHEST recorded ground vibration and air blast that the seimsograph instrument records for each individual shot. The permitee 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.

Aggregate Industries - Rockville Quarry - May 2023 Blast Locations







MD			

SITE NAME:	Aggregate Industries - Rockville	Check Box if No Blasting Occurred During the Month Reporting
BLAST COMPANY:	Dyno Nobel North America	
MONTH / YEAR:		
		COMPLAINT DECEIVED & NUMBER OF

DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	TYPE / COMPANY RESPONSE TO  COMPLAINT	SEISMOGRAPHS USED
4/26/2023 9:37am	1 11-23	Level 3, Hole depth 30 feet	39.07705N, -77.22431W	Sunny, 62.6 degrees F	No complaints.	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,600	25/19.2/31.3	0.075/0.040/0.0225	101
		B. Piney Meetinghouse	678	27.8/21.7/41.7	0.435/0.260/0.3675	111.1
		C. West Fence	1,987	N/A	<0.02	<120
		D. Williams Gasline	2,419	41.7/41.7/27.8	0.0275/0.0400/0.0100	106.7
		E. Southern Boundary	2,841	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,592	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,784	N/A	<0.02	<124

^{*}Highlight HIGHEST recorded ground vibration and air blast that the seimsograph instrument records for each indivdual shot. The permitee 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.

Aggregate Industries - Rockville Quarry - June 2023 Blast Locations







MDE-BLAST-REPORT

SITE NAME:	Aggregate Industries - Rockville	Check Box if No Blasting Occurred During the Month Reporting
BLAST COMPANY:	Dyno Nobel North America	
MONTH / YEAR:		
		COMPLAINT RECEIVED & NUMBER OF

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	TYPE / COMPANY RESPONSE TO COMPLAINT	SEISMOGRAPHS USED
5/22/2023 10:49am 13-33	Level 3, Hole depth 20-30 feet	39.07631N, -77.22372W	Sunny, 69.24 degrees F	One neighbor complained about the blast. Quarry management followed up with the complainant.	7	
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,349	31.3/15.6/27.8	0.0325/0.0225/0.015	105.9
		B. Piney Meetinghouse	488	29.4/27.8/41.7	0.33/0.3625/0.2925	113.4
		C. West Fence	2,255	N/A	<0.02	<120
		D. Williams Gasline	2,714	N/A	<0.02	<120
		E. Southern Boundary	2,627	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,797	N/A	<0.02	<120
		G. 13611 Pine View Lane	3,016	N/A	<0.02	<124

^{*}Highlight HIGHEST recorded ground vibration and air blast that the seimsograph instrument records for each individual shot. The permitee 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.

[&]quot;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.

MDE-BLAST-REPORT

**NUMBER OF** 

**COMPLAINT RECEIVED &** 

SITE NAME: BLAST COMPANY:	SITE NAME:	Aggregate Industries - Rockville	Check Box if No Blasting Occurred During the Month Reporting	
	BLAST COMPANY:	Dyno Nobel North America		
	MONTH / YFAR:			

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

^{*}Highlight HIGHEST recorded ground vibration and air blast that the seimsograph instrument records for each indivdual shot. The permitee 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.

MDE-BLAST-REPORT	
red During the Month	

NUMBER OF

COMPLAINT RECEIVED &

SITE	NAME:	Aggregate Industries - Rockville	Check Box if No Blasting Occurre Reporting
BLAST C	OMPANY:	Dyno Nobel North America	
MONTI	H / YFAR:	— lun-23	

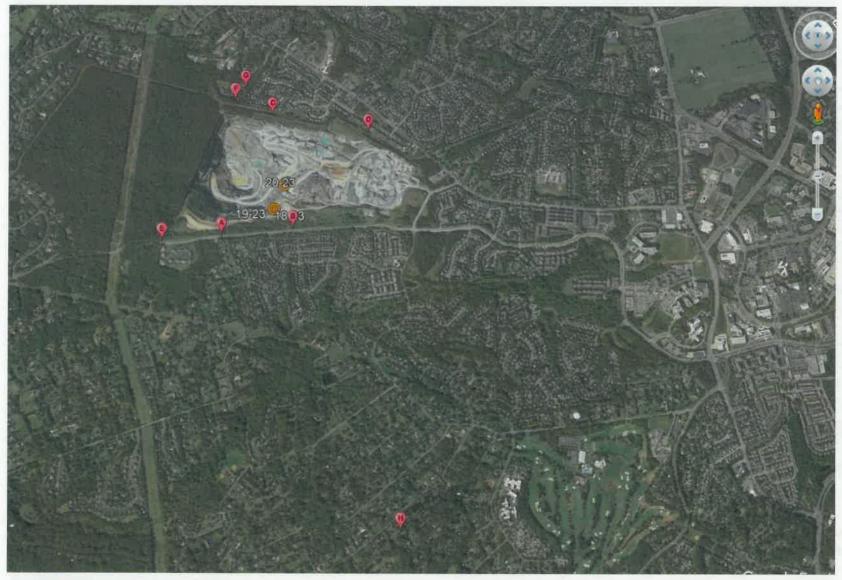
DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	TYPE / COMPANY RESPONSE TO  COMPLAINT	SEISMOGRAPHS USED
6/1/2023 9:57am	15-33	Level 3B, Hole depth 48 feet	39.07661N, -77.22395W	Sunny, 66.76 degrees F	No complaints	7
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,448	27.8/17.9/50	0.045/0.025/0.0225	101
		B. Piney Meetinghouse	548	35.7/35.7/41.7	0.405/0.22/0.4425	113.7
		C. West Fence	2,147	N/A	<0.02	<120
		D. Williams Gasline	2,594	N/A	<0.02	<120
		E. Southern Boundary	2,712	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,714	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,922	N/A	<0.02	<124

^{*}Highlight HIGHEST recorded ground vibration and air blast that the seimsograph instrument records for each individual shot. The permitee 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.

Aggregate Industries - Rockville Quarry - July 2023 Blast Locations





Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

MDF-	DIAC	T_DE	$D \cap D T$

SITE NAME:

Aggregate Industries -

Rockville

Check Box if No Blasting Occurred During the Month Reporting

**BLAST COMPANY:** 

Dyno Nobel North America

MONTH / YEAR:

Jun-23

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

^{*}Highlight HIGHEST recorded ground vibration and air blast that the seimsograph instrument records for each indivdual shot. The permitee 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.

AShot 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.

Aggregate Industries - Rockville Quarry - July 2023 Blast Locations Up Close



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SITE NAME:

Aggregate Industries -

Rockville

Check Box if No Blasting Occurred During the Month Reporting

**BLAST COMPANY:** 

Dyno Nobel North America

MONTH / YEAR:

Jul-23

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

^{*}Highlight HIGHEST recorded ground vibration and air blast that the seimsograph instrument records for each indivdual shot. The permitee 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.

	MDE-BLAST-REPORT
Check Box if No Blasting Occurred Du	ring the Month

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

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

Reporting

^{*}Highlight HIGHEST recorded ground vibration and air blast that the seimsograph instrument records for each indivdual shot. The permitee 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.

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**NUMBER OF** 

SITE NAME:		Aggregate Industries - Rockville			Check Box if No Blasting Occurred Dur Reporting	ing the Month
BLAST CON	/PANY:	Dyno Nobel North America				
MONTH /	YEAR:	Jul-23				
DATE/TIME	ACHOT #	**LOCATION SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED &	NUMBER O

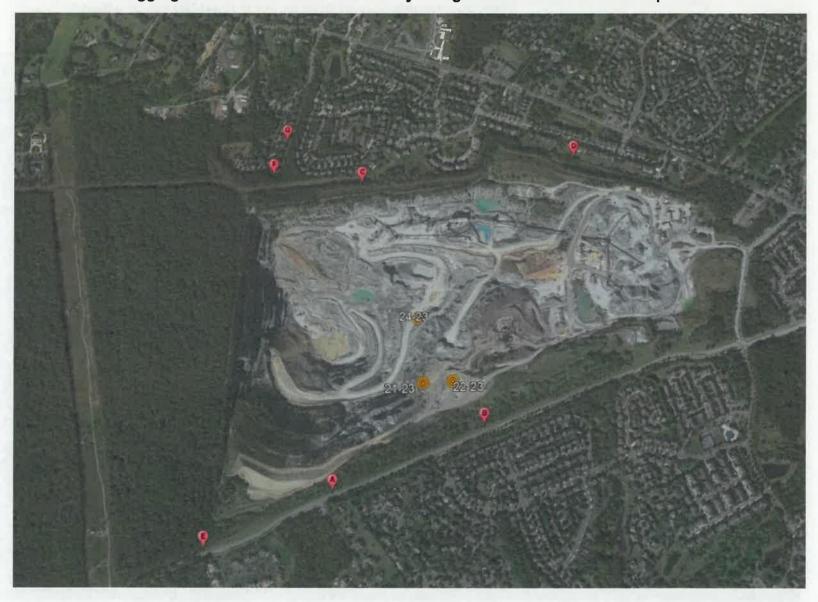
DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	TYPE / COMPANY RESPONSE TO COMPLAINT	SEISMOGRAPHS USED
7/17/2023 10:34am	19-23	Level 3B, Hole depth 47 feet	39.07616N, -77.22403W	Sunny, 80.26 degrees F	No complaints	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,282	41.7/31.3/31.3	0.06/0.045/0.035	106.7
		B. Piney Meetinghouse	585	33.3/33.3/55.6	0.715/0.5225/0.4875	117.4
		C. West Fence	2,205	N/A	<0.02	120.4
		D. Williams Gasline	2,752	27.8/41.7/83.3	0.0175/0.0375/0.01	107.3
		E. Southern Boundary	2,548	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,722	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,949	N/A	<0.02	<124
		H. 13211 Valley Drive	7.385	N/A	<0.02	<124

^{*}Highlight HIGHEST recorded ground vibration and air blast that the seimsograph instrument records for each indivdual shot. The permitee 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.

Aggregate Industries - Rockville Quarry - August 2023 Blast Locations Up Close



Aggregate Industries - Rockville Quarry - August 2023 Blast Locations





Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

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

MDE-BLAST-REPORT
Check Box if No Blasting Occurred During the Month
Reporting

SITE NAME:

Aggregate Industries -

Rockville

**BLAST COMPANY:** 

Dyno Nobel North America

MONTH / YEAR:

Aug-23

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

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MDE-BLAST-REPORT

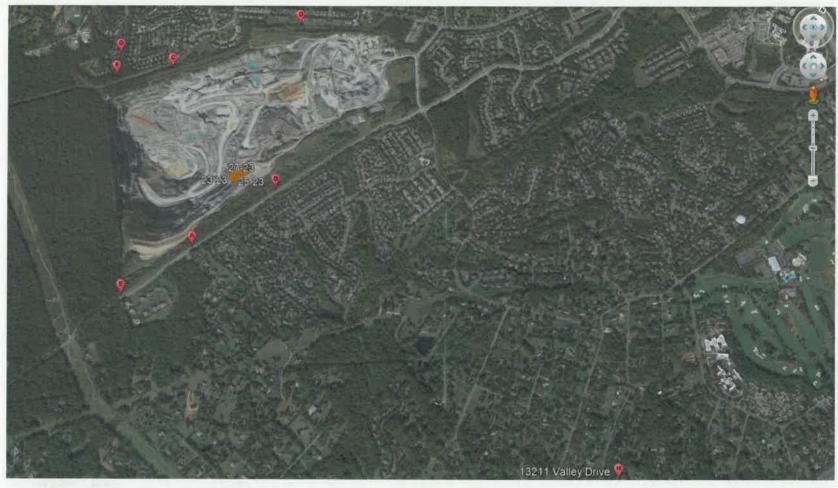
SITE NA		Aggregate Industries - Rockville Dyno Nobel North America			Check Box if No Blasting Occurred Dur Reporting	ring the Month
MONTH /		Aug-23				
DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS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

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

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Aggregate Industries - Rockville Quarry - September 2023 Blast Locations





Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

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Aggregate Industries -

Rockville

Check Box if No Blasting Occurred During the Month Reporting

**BLAST COMPANY:** 

Dyno Nobel North America

MONTH / YEAR:

Aug-23

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

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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.

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



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	NAME:
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Aggregate Industries -

Rockville^{*}

Check Box if No Blasting Occurred During the Month Reporting

**BLAST COMPANY:** 

Dyno Nobel North America

MONTH / YEAR:

Sep-23

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

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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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26-23

Level 4, Hole depth 47 feet

9/20/2023

12:55pm

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SITE NAM BLAST COM MONTH / Y	PANY:	Aggregate Industries - Rockville Dyno Nobel North America Sep-23			Check Box if No Blasting Occurred Dur Reporting	ing the Month
DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED

SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
A. Boswell	1,447	35.7/31.3/35.7	0.0325/0.0375/0.04	107.6
B. Piney Meetinghouse	557	33.3/41.7/55.6	0.59/0.44/0.4375	115.9
C. West Fence	2,139	N/A	<0.02	<120
D. Williams Gasline	2,593	N/A	<0.02	<120
E. Southern Boundary	2,709	N/A	<0.02	<120
F. 13603 Pine View Lane	2,705	N/A	<0.02	<120
G. 13611 Pine View Lane	2,914	N/A	<0.02	<124
H. 13211 Valley Drive	7,403	N/A	<0.02	<124

Cloudy, 71.38 degrees F

No complaints

39.07661N, -77.22398W

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MDE-BLAST-REPORT

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

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Aggregate Industries - Rockville Quarry - October 2023 Blast Locations





Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

		ORT

Aggregate Industries -

Rockville

Check Box if No Blasting Occurred During the Month Reporting

**BLAST COMPANY:** 

Dyno Nobel North America

MONTH / YEAR:

Sep-23

DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
9/29/2023 9:58pm	27-23	Level 4, Hole depth 47 feet	39.07661N, -77.22398W	Cloudy, 60.46 degrees F	0.46 degrees F No complaints	
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,447	41.7/35.7/41.7	0.0375/0.06/0.025	107.6
		B. Piney Meetinghouse	557	29.4/31.3/50	0.35/0.405/0.4175	113.7
		C. West Fence	2,139	N/A	<0.02	<120
		D. Williams Gasline	2,593	N/A	<0.02	<120
		E. Southern Boundary	2,709	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,705	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,914	N/A	<0.02	<124
		H. 13211 Valley Drive	7,403	N/A	<0.02	<124

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^{**}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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	MDE-BLAST-REPORT
Check Box if No Blasting Occurred D	ouring the Month

SITE NAME:

Aggregate Industries -

Rockville

____ Reporting

**BLAST COMPANY:** 

Dyno Nobel North America

MONTH / YEAR:

Oct-23

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

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Aggregate Industries -

Rockville

Check Box if No Blasting Occurred During the Month Reporting

**BLAST COMPANY:** 

Dyno Nobel North America

MONTH / YEAR:

Oct-23

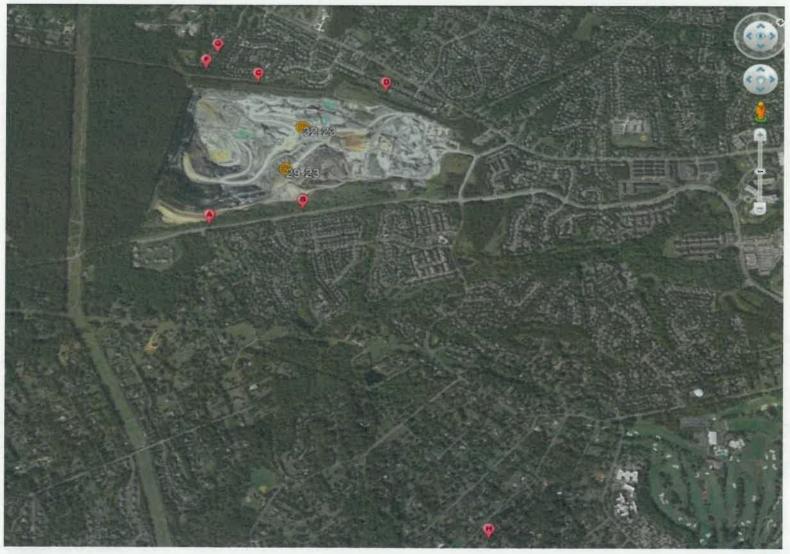
DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED	
10/11/2023 9:44am	28-23	Level 4, Hole depth 47 feet	39.07692N, -77.22387W	39.07692N, -77.22387W Sunny, 50.34 degrees F No complaints		8	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

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

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## Aggregate Industries - Rockville Quarry - November 2023 Blast Locations





Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

BAD	E DI	ACT	RFPO	DT

SITE	NAME:
3116	IAMIAIE.

Aggregate Industries -

Rockville

Check Box if No Blasting Occurred During the Month Reporting

**BLAST COMPANY:** 

Dyno Nobel North America

MONTH / YEAR:

Nov-23

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

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

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	MDE-BLAST-REPORT
1	Check Box if No Blasting Occurred During the Month
ı	Reporting

**SITE NAME:** 

Aggregate Industries -

Rockville

**BLAST COMPANY:** 

Dyno Nobel North America

MONTH / YEAR:

Nov-23

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

^{*}Highlight HIGHEST recorded ground vibration and air blast that the seimsograph instrument records for each indivdual shot. The permitee 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.