Montgomery County, Maryland Department of Environmental Protection

PUBLIC NOTICE March 28, 2025 Application for Annual Quarry License Certification

Holcim Mid-Atlantic, Inc., Travilah Quarry

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

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

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

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

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



Environmental Protection

To:

Steve Martin

From:

Tim Bevard

Date:

January 6, 2025

Subject:

Travilah Quarry License Re-Certification Documentation

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

- 1. Surface Mining License No. SL-0607, expiration date 12-31-24. Renewal application submitted to MDE.
- 2. Surface Mining Permit No. 77-SP-0061-E, issued by the Maryland Department of the Environment, expiration date 03-31-25.
- 3. Maryland Department of the Environment, Air and Radiation Management Administration, Operating Permit No. 031-0528, expiration date August 31, 2027.
- 4. Annual Emissions Certification and Toxic Air Pollutants Emission Certification Report for 2023 required by ARMA Operating Permit No. 031-0528.
- 5. General Discharge Permit 15MM: Discharges from Mineral Mines, Quarries, Borrow Pits and Concrete and Asphalt Plants NPDES Permit No. MDG491365 Registration Number 15MM1365A issued by MDE, expired April 30, 2022. The permit remains valid until MDE issues a new general permit to replace the existing permit. See MDE guidance on permit continuance.
- 6. NPDES Discharge Monitoring Reports for Outfall No. 1 covering the period of 10/01/23 through 9/30/24.
- 7. Blasting Area and Site Plan Map updated by Rodgers Consulting, Inc. dated 03-11-24.
- 8. Particulate Control Plan dated December 19, 2024.
- 9. Certificate of Insurance for general liability, automobile liability, and workers compensation and employer's liability for the period 10/01/24 through 10/01/25.
- 10. Copy of Performance Bond for Quarry License, Bond Number 929517725 in the sum of \$100,735.00 and the current verification of bond in force Exp. 01-06-26.
- 11. Seismograph Records as submitted to the Maryland Department of the Environment including the Vibration and Air Overpressure data for the period December 1, 2023 through November 30, 2024.
- 12. Montgomery County, Department of Permitting Services, Sediment Control Permit No. 203770, expiration date 08-01-30.



Mid-Atlantic Region

December 20, 2024

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

RECEIVED

JAN 13 2025

Environmental Protection

Re:

Holcim-MAR, Inc. Travilah Quarry Quarry License Recertification

Dear Mr. Martin:

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

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

Respectfully,

Corey Johnson

Corey Johnson

Vice President - Aggregate Division

Enclosures



State of Maryland

Department of The Environment Land and Materials Administration



SURFACE MINING LICENSE

NUMBER SL-0607

EXPIRATION DECEMBER 31, 2025

This is to certify that

BARDON, INC.

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

This License:

I. 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



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

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Mining Program

Enclosure

MARYLAND DEPARTMENT OF THE ENVIRONMENT LAND AND MATERIALS ADMINISTRATION

SURFACE MINING PERMIT

RENEWAL



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

PERMIT EFFECTIVE DATE: June 14, 1977

PERMIT EXPIRATION DATE: March 31, 2025

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

PERMITTEE:

Bardon, Inc.

6401 Golden Triangle Drive

Suite 400

Greenbelt, MD 20770

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

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

- 1. Other Authorizations -- This permit is issued in addition to, and not in substitution of, the requirements of other permits or authorizations granted for the surface mining operation. Issuance of this permit does not relieve the permittee of the obligation to obtain and comply with all other required authorizations.
- 2. <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. Halted Operation -- The surface mining operation shall be considered halted if active work has ceased temporarily due to weather or market conditions, or other reasonable cause. An operation may not be halted for a period exceeding twenty-four (24) months. All pollution controls shall be maintained during this period.

- 9. Staking Permitted Area -- The permittee shall mark each corner of the perimeter of the permitted area by placing permanent markers. In addition, the permittee shall place markers along the perimeter of the permitted area no more than two hundred feet (200') apart. The markers shall be no less than three feet (3') above the ground. All of the required markers shall be in place no later than ten (10) days from the effective date of this permit and shall be maintained by the permittee throughout the life of the permit.
- 10. Haul and Access Roads -- No mud may be tracked onto the public roads. All haul and access roads shall be treated for dust and mud control by the permittee as required by approved Mining and Reclamation Plan and drawings. Should these methods fail to control the dust and mud, the permittee shall treat the roads as directed by the Administration.
- 11. <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 Horacio Tablada, Secretary Suzanne E. Dorsey, Deputy Secretary

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

SEP 0 1 2022

Dear Mr. Bevard:

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

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

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

Sincerely;

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

SYS/jm

Enclosure

Larry Hogan Governor *State of*



Moracio Tablada
Maryland Secretary

DEPARTMENT OF THE ENVIRONMENT Air and Radiation Administration

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

Construction Permit	X Operating Permit
	*

PERMIT NO. 031-0528 DATE ISSUED September 1, 2022

To be paid in accordance EXPIRATION
PERMIT FEE with COMAR 26.11.02.19B 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

mar Va

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

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

Part B - Applicable Regulations

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

(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.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

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

Air and Radiation Management Administration • Air Quality Permits Program

APPLICATION FOR PERMIT TO OPERATE PROCESS EQUIPMENT

1. Premis	e Identification:					
Holcim-M	AR Inc.					
031-0528						
Premise Num	ber					
13900 Pine	y Meetinghouse Rd.	1	Rockville	MD	20850	Montgomery
Premise Addr			City	State	Zip	County
2. Equipn	nent Identification					
zi Equipi	ient toenancation					
Single In	stallation 🖾 I	Process Line	☐ Iden	tical Units and No.		
	oe Equipment and its Associated with this			d Size of Equipm	ent and Typ	e Control
ARMA			Description			Date of
Registration						Installation
Number 031-0528-6-	One (1) electric powered 9	100 ton and hour ston		, , ,		
0045	suppression system and ni				I & AACT	1973
		=	=	ipped with a baghouse;		
				sher equipped with a ba	ghouse;	
	One (1) 350 TP	H Svedala H6000 terti	ary crusher equipped	with two (2) baghouse	5;	1973 (like
	One (1) 350 TP	H Sandvik CH 660 tert	iary crusher equippe	d with two (2) baghouse	5	kind
						replacement
						In 2007)
				e three (3) baghouses a -April 22, 2008 requiren		2003
	, ,	H Trio 8'x24' Triple De FR 60, Subpart 000		with a wet suppression :	γstem	2007
	One (1) 150 TP		ication system includ	ling two (2) GI-108 class	ifies and one	2009
		H Nordberg HP400 te		ed with a baghouse;		1973 (like
	• •			the three (3) baghouses	associated	kind
	with the screen	house; and				replacement
	•	Trio 8'x 20' screen ve	enting through the th	ree (3) baghouses assoc	iated with the	In 2014)
	screen house.	H Diester Sy15 2 deck	screen equipped wit	h a wet suppression sys	tem	2022
31-0528-6-	Rex Lo-Go electric powere	Taranta and the same of the sa				4/2000
0607	U-216 baghouse and two		and promoted by	#		modified in
						2006
31-0528-6-	One (1) 2.1 MMBtu/hr No	2 fuel-oil fired water	heater.	الله - 1 ما الله الله الله الله الله الله الله ا		2013
1418	<u> </u>					
31-0528-6-	One (1) electric powered 1	000 TPH pugmill syst	em and one (1) 100 to	on cement silo equippe	with a C&W	2008
0861	Manufacturing CP-1000 pa	ilse-iet dust collector.				

Signature_	Timothy A. Bevard	Jimsty A. Bevard	
Title Land M	anager	0 1	
Date 8/11/20	22		

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

Page 1 of 1 Recycled Paper

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Boulevard • Baltimore MD 21230 (410) 537-3000 • 1-800-633-6101 • http://www.mde.maryland.gov

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

Owner Information:

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

Facility Information:

Name of Facility: Rockville Quarry	Premises (I	Permit) Number: 031-0528
Street Address: 13900 Piney Meeting	house Rd.	
City: Rockville	State: MD	Zip Code: 20850
Plant Manager: David Morgan Telep	phone Number: (24	0) 761-5871 Fax Number: N/A
24-Hour Emergency Telephone Number	er for Air Pollution	Matters: (240) 564-3877
Contact for Permit Issues: Timothy A.	. Bevard	Title: Manager, Land
Telephone Number: (301) 580-5206	E-Mail Ad	dress: tim.bevard@holcim.com

Form Number: MDE/ARA/PER.021 Revision Date: January 31, 2018 Page 1 of 2 TTY Users 1 800-735 2258

1of 2

Recycled Paper

MARYLAND DEPARTMENT OF THE ENVIRONMENT

2. Complete the following information:

Date when purchased company: May 1st, 2022

Previous owner's name: Bardon-Inc.

Primary business activity at purchased location: Mining

NAICS or SIC (if known):

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

3. Equipment Inventory

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

4. Certification by Responsible Official:

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

RESPONSIBLE OFFICIAL:

Timothy A. Beyard

08/10/2022

SIGNATURE

DATE

Timothy A. Bevard Manager, Land

Form Number: MDE/ARA/PER.021 Revision Date: January 31, 2018 Page 2 of 2

TTY Users 1-800-735-2258

2of 2

Recycled Paper



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

March 12, 2024

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

Attention: MDE Compliance Program

Re: 2023 Emissions Certification – Facility Number 031-00528

Rockville Crushed Stone

Dear MDE,

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

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

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

Sincerely,

Corey Johnson
Corey Johnson

Vice President/GM

enclosure

MARYLAND DEPARTMENT OF THE ENVIRONMENT

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

FORM 1

Air Permit No. 031-00528

GENERAL FACILITY INFORMATION EMISSIONS CERTIFICATION REPORT

Calender Year: 2023

EACH ITY IDENTIFICATION		Do Not Write in This Space
A. FACILITY IDENTIFICATION Facility Name: Holcim-	MAR, Inc Rockville Quarry	Date Received Regional:
address: 13900 Piney Meetingh		Date Received State:
City: Rockville Cour	nty: Montgomery Zip Code: 20850	AIRS Code:
3. Briefly Describe the Major Fu	nction of the Facility	FINDS Code:
Quarry Operation and Concrete	e Batching	SIC Code:
		Facility Number:
		Source Latitude and Longitude
C. SEASONAL PRODUCTION	(if applicable)	Reviewed:
Winter Spring (Dec Feb.) 29% (Mar May) 27%	Summer Fall (Jun Aug.) 22% (Sep Nov.) 22%	Name: Date:
D. Explain any increase /Decrea Registration at this Facility. Emissions vary with production a	ase in Emissions From Previous Calendar Year	for Each
illioolollo vary with production a	The Wedner Containent	
. CONTROL DEVICE INFORM	MATION (for Nox and VOC sources only)	
Control Device	Capture Efficiency	Removal Efficiency
This facility does not use a	dd on NOX and VOC control devices	
Lam familiar with the facility and the inc	tallations and sources for which this report is submitted. I ha	ave personally examined the
information in this report, which consist best of my knowledge.	s of pages (including attachments), and certify that th	e information is correct to the
Corey Johnson	General Manager	03-12-24
Name (Print/Type)	Title	Date
Corey Johnson		(301) 982-1400
Signature		Telephone

1/9/2008

CRITERIA AIR POLLUTANTS EMISSIONS CERTIFICATION REPORT

FACILITY NAME		Rockville Bate	ch Plant		FAC	ILITY ID#:	031-	-00528	PC	LLUTANT:	N	X	CALEN	2023	
Equipment Description	SCC	Fuel	Actual E	missions		Op	erating Sc	hedule (Actu	ial)		TOSD	Оре	rating Sch	edule	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 0.06140	0.41208	12	n/a	n/a	6	52	298	0.49450				C-3
031 0528-4-1418	10-20-0502	1	F S	-				-							-
			F												
			S												
			S	-				-						-	-
	1		F	-											
			S												
	-	-	\$	-				-						-	
			F												
			S												
			S	_				-				_		-	
			S												
			S F	-											
		+	S	_										-	
	1		F												
TOTAL			0.06140	0.41208		Transfer To					0.49450	- Y		N. T.	

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.

Fue: 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

FACILITY NAME		Rockville Bat	ch P	lant		FAC	ILITY ID#:	031-	00528	PC	DLLUTANT:	S	DX	CALENT	AR YEAR:	2023
quir ment Description	SCC	Fuel	П	Actual E	missions		Ope	erating Sc	hedule (Actu	al)		TOSD	Ope	rating Sche	dule	Emissions
legi-tration No.	Number	Fuei		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	S	0.13262	0.89009	12	n/a	n/a	6	52	298					C-3
31 0528-4-1418	10-20-0502	Tioading Oil	F			12	1670	TITA	0	J2	200					
_	4		S						1 1							
	-		F													
			F													
_	-	-	S									_			_	
_	-	1	F						1							
			s						1							
	+		F				1		1 1							
	 	+	S						1 1				i I			
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_	1		S													
			E										1			
			S													
			F													
			S													
			F													
TOTAL				0.13262	0.89009		See Line									

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

CRITERIA AIR POLLUTANTS EMISSIONS CERTIFICATION REPORT

FACILITY NAME:	-	Rockville Bat	ch Pla	ant		FAC	FACILITY ID#: 031-00528					CO		CALENDAR YEAR:		2023
uir ment Description	SCC	Fuel	T	Actual E	missions		Opt	erating Sc	hedule (Actu	at)		TOSD			rating Schedule	
gl: tration 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	
ater Heater		Heating Oil	S (0.01535	0.10302	12	-1-	-1-	6	50	200					C-3
0528-4-1418	10-20-0502	rieaning Oil				12	n/a	n/a	6	52	298					
			S													
		-	F						-							
			F													
			S													
			F													
			S													
			F													
		-	S													
			S						-							
		-	F													
			S													
			S													
		-	F													
			S													
TOTAL		1200		0.01535	0.10302						77					

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.

Fue: 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

CRITERIA AIR POLLUTANTS EMISSIONS CERTIFICATION REPORT

FACILITY NAME:		Rockville Bat	ch P	lant		FAC	ILITY ID#:	031	00528	PO	LLUTANT:	vo	Ж	CALENI	DAR YEAR:	2023
Equir ment Description	SCC	Fuel	П	Actual E	missions		Op	erating So	hedule (Actu	al)		TOSD	Operating Schedule		edule	Emissions
Registration No.	Number	ruei		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	0.00077	0.00519	12	n/a	n/a	6	52	298	0.00623				C-3
031 0528-4-1418	10-20-0502								+							
_			S													
			s													
			F													
			\$ F													
			\$ F													
									-							-
	-		5													
_		<u> </u>	18						1							
			S F S													
			S													
			F													
		1	S													
			F													
			S													
TOTAL	V-Carlo Santa		F	0.00077	0.00519					The same	and the same	0.00623	m in the con-	THE RESIDEN	V F S III	

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.

Em ssion 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

Page 1 of 2

EMISSIONS CERTIFICATION REPORT Particulate Matter

CALENDAR YEAR:

2023

FACILITY NAME	E:	Rockville Crushe	d Stone			FACILITY	′ ID#:	031-	00528	PC	LLUTANT:	P	M
Equipn ent Description	SCC	Fuel	_	PM-Fi	Iterable	PM 10 - I	Filterable	PM 2.5 -	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
Prima y Crusher			S		-				-			298	
031-0 528-6-0045	3-05-020-01		F	0.630	4.240	0.310	2.080					290	C-3
1 - 90) TPH Screen			5									298	
	3-05-020-02		F	1.160	7.760	0.390	2.610	0.030	0.180			290	C-3
Secordary Crusher			S									298	
	3-05-050-02		F	0.500	3.390	0.250	1.670					290	C-3
3 - 37 5 TPH Screens			S									298	
	3-05-020-21	f	F	0.560	3.730	0.190	1.250	0.010	0.080	U		290	C-3
1 - 35) TPH Tertiary			S									298	
	3-05-020-03		F	0.150	1.020	0.070	0.500					290	C-3
2 - 35) TPH Tertiary			S									200	
	3-05-020-03		F	0.350	2.370	0.170	1.170					298	C-3
3 - 37 5 TPH Screens			S									298	
	30-50-2021		F	0.370	2.480	0.120	0.840	0.010	1.060			290	C-3
Conc ete Batching			S									298	
031-0 528-6-0607	3-05-011-10		F	1.710	11.450	0.480	3.220	0.080	0.570			290	C-3
Pug Hill			S									298	
031-(528-6-0861	3-05-020-32		F	0.040	0.260							250	C-3
Buell Classifier			S									298	
031-0528-6-0045	3-05-038-12	Did Not Operate	F	0.000	0.000	0.000	0.000	0.000	0.000			250	C-3
TOTAL				5.470	36.700	1.980	13.340	0.130	1.890				

j- Stack Emissions

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

TOSI - 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.

Emis ion Estimation Method

- A-1- J.S. EPA Reference Method
- A-2- Other Particulate Sampling Train
- A-3- .iquid Absorption Technique
- A-4- iolid 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

F- Fugitive Emissions

Page 2 of 2

EMISSIONS CERTIFICATION REPORT Particulate Matter

CALENDAR YEAR:

2023

FACILITY NAM	Æ:	Rockville Batch I	Plant			FACILITY	ID#:	031-0	00528	PO	LLUTANT:		PM
Equip ment Description	SCC Number	Fuel	T	PM- Filterable		PM 10 - Filterable		PM 2.5 - Filterable		PM Condensible		Operation Emission	Emissions
egis ration No.				Tons/yr	Lbs/day	Tons/yr	Lbs/day	Tons/yr	Lbs/day	Tons/yr	Lbs/day	Days/yr	Method
Water Heater	1-02-005-02	Heating Oil	S	0.00614	0.04121	0.00332	0.02225	0.00255	0.01710	0.00066	0.02679	298	C-3
031-)528-4-1418			F										
			S								-		
			F										
			S										
			F										
			S										
			F										
			S										
			F										
			S										
			F									1	
			S	1									
			F										
			S										
			F	1									
			S				-						
			F									1	
			S										
			F									1	
TOTAL	Out and the		17.7	0.00614	0.04121	0.00332	0.02225	0.00255	0.01710	0.00066	0.02679	0.00	Transfer 182

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 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 judgems

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

TOXIC AIR POLLUTANTS EMISSIONS CERTIFICATION REPORT

Facility Name:	Rockville Crushe	d Stone	Facility ID#:	031-00528 2023 % Efficiency	
Pollutant: _	NONE		Calendar Year:		
Equipment Description/	Actual Er	missions			
Registration Number	Lbs/hour	Tons/Yr	Control Device**		
	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

FORM 5

BILLABLE TOXIC AIR POLLUTANTS EMISSIONS CERTIFICATION REPORT

Facility Name: Rockville Crushed Stone Facility ID#: 031-00528 Pollutant: NONE Calendar Year: 2023

nical Name CAS Number Actual Emissions Estimation Emission Estimation Method

Chemical Name CAS Nu	CAS Number		Actual Emissions			Estimation
	O/10 Hamber		Lbs/hr	Tons/year		Method
carbon disulfide	75-15-0	S			1 50,6	
	70-10-0	F				
carbonył sulfide	463-58-1	S				
	10000	F				
chlorine	7782-50-5	S		-		
		F			37.0	
cyanide compounds	57-12-5	S				
		F				
hydrochloric acid	7647-01-0	F		_		
	+	S				
hydrogen fluoride	7664-39-3	F	-		The	
		S				
methyl chloroform	71-55-6	F				
	75.00.0	S			7.100	
methylene chloride	75-09-2	F				
perchloroethylene	127-18-4	S			1 C C	
peromotocutylene	127-10-4	F				
phosphine	7803-51-2	S			E THE	
prioopriiio	7000 01-2	F			1 15	
titanium tetrachloride	7550-45-0	S				
		F				
TOTALS			None	None		

- 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

EMISSIONS CERTIFICATION REPORT

Facility Name: Rockville Batch Plant

Facility ID: 031-00528

This form must be used to report Greenhouse gas emissions:

Calendar Year: 2023

Pollutant: CO2

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	68.461	459.469	38.289
TOTALS	68.461	459.469	38.289

EMISSIONS CERTIFICATION REPORT

Facility Name: Rockville Batch Plant Facility ID: 031-00528 Pollutant: CH4

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

This form must be used to report Greenhouse gas emissions:

Calendar Year: 2023

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.

EMISSIONS CERTIFICATION REPORT

Facility ID: 031-00528

Facility Name: Rockville Batch Plant

Actual Emissions		Actual Emissions	
Equipment Description/	-	T. /1	71.0
Registration Number1	Tons/yr	Lbs/day	Lbs/hr
Water Heater			
031-0528-4-1418	0.00080	0.00536	0.00045
TOTALS	0.00080	0.00536	0.00045

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

1/15/2008

Calendar Year: 2023

Pollutant: N2O

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.

Calendar Year: 2023

EMISSIONS CERTIFICATION REPORT

Facility Name: Rockville Batch Plant

Facility ID: 031-00528

Pollutant: HFCs

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

Calendar Year: 2023

EMISSIONS CERTIFICATION REPORT

Facility Name: Rockville Batch Plant

Facility ID: 031-00528

Pollutant: PFCs

Actual Emissions	A	tual Emissic	ns
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: 2023

EMISSIONS CERTIFICATION REPORT

Facility Name: Rockville Batch Plant

Facility ID: 017-0202

Pollutant: SF6

Actual Emissions	A	ctual Emissic	ons
Equipment Description/ Registration Number1	Tons/yr	Lbs/day	Lbs/hr
Water Heater	10113/ 51	Dositary	1303/111
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 Eraissions must be broken down by equipment registration number (ex. 9-0076, 9-0077)

1/15/2008

Rockville Quarry Year 2023 Totals

123,050

107,938

83,319 97,891

102,785

88,889

61,322

80,637

101,822

72,812

59,490

71,773

1,051,729

Days Worked

25

22 26

24

26

26

24

27

25

25

25

23

298

Days Worked

Crushing Plant	Production (tons)
January	123,050
February	107,938
March	83,319
April	97,891
May	102,785
June	88,889
July	61,322
August	80,637
September	101,822
October	72,812
November	59,490

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

Production (tons)

Total

December

1 TOUGOLOTT (LOTTO)	Day o Trontou
9,449	25
4,293	22
9,139	26
8,955	24
9,356	26
10,579	26
12,227	24
15,884	27
9,524	25
16,823	25
18,678	25
8,675	23
133,584	298
	9,449 4,293 9,139 8,955 9,356 10,579 12,227 15,884 9,524 16,823 18,678 8,675

3/8/2024 complete

Concrete Batch Plant

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

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

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

per Brittany Jones

Tuy will	Pug	Mill
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ag mi.		
Winter Production	22,417	16.8%
Spring Production	27,450	20.5%
Summer Production	38,691	29.0%
Fall Production	45,026	33.7%

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

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

		Processed	Emissions			-
PM factor (c	controlled	tons/year	lbs./yr	days	lbs./day	tons/year
0.0012	lbs,/ton X	1,051,729	1,262	298	4.24	0.63
PM 10 facto	r (controlled)	tons/year	lbs./yr	days	lbs./day	tons/year
0.00059	lbs,/ton X	1,051,729	621	298	2.08	0.31

1-900 TPH Bx24 Screen (from	n Primary Crusher, controlled):
-----------------------------	---------------------------------

		Processed	Emissions			
PM factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.0022	lbs./ton X	1,051,729	2,314	298	7,76	1.16
PM 10 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00074	tbs./ton X	1 051 729	778	298	2.61	0.39
PM 2.5 facto	r I	tons/wear	lbs./yr	days	lbs./day	tons/year
0.00005	ibs./ton X	1,051,729	53	298	0.18	0.03

1-900 TPH Secondary Crusher, controlled:

		Processed	Emissions			
PM factor		tons/year	lbs./yr	days	lbs/day	tons/year
0.0012	Ibs./ton X	841,383	1,010	298	3.39	0.50
PM 10 facto	,	tons year	lbs./vr	days	lbs./day	tons/year
0:00059	lbs./ton X	841.383	496	298	1.67	0.25

3-376 TPH 8x20 Screens, controlled:

		Processed	Emissions			_
PM factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.0022	lbs./ton X	504 830	1,111	298	3.73	0.56
PM 10 factor		tons/vear	lbs./yr	days	lbs./day	tons/year
0.00074	lbs./ton X	504,830	374	298	1.25	0.19
PM 2.5 facto	r	tons//ear	tbs./vr	days	lbs./day	tons/year
0.00005	lbs./ton X	504,830	25	298	0.08	0.01

1-350 TPH Tertiary Crusher, controlled:

		Processed	Emissions			
PM factor		tons/vear	lbs./yr	days	ibs./day	tons/war
0.0012	lbs./ton X	252,415	303	298	1.02	0 15
					0 - 14-	Tanantana
PM 10 factor		tons/year	lbs.lyr	days	lbs./day	tons/year
0.00059	Ibs /ton X	252.415	149	298	0.50	0.07

2-350 TPH Tertiary Crushers, controlled:

		Processed	Emissions			
PM factor		tons/vear	Ibs./vr	days	lbs./day	tons/year
0.0012	lbs./ton X	588,968	707	298	2.37	0 35
PM 10 facto		tons/vear	lbs./vr	days	lbs./day	tons/vear

3-375 TPH 8x20 Screens, controlled:

		Processed	Emissions			
PM factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.0022	lbs./ton X	336,553	740	298	2.48	0.37
PM 10 factor		tons/year	lbs./yr	days	lbs./day	tons/year
0.00074	lbs./ton X	336,553	249	298	0.84	0.12
PM 2.5 facto	ır	tons/year	ibs./vr	days	lbs./day	tons/year
D.00005	lbs./ton X	336,553	17	298	0.06	0.01

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

		Production				Emission					_	1						
PM factor		(vd^3/year)		Conversi on (1.93 tons/ cubic		lbs.lyr		days		ibs./day		lbs/ton		tons/day	C y	Vork lays per ear		tons/yea
(lbs/ton)			~	1.93	=	3,413	- 1	298	=	11,45	1	2000	=	0.005727	X	298	=	1.71
0.1029	Х	17 188	^	1.00		1												
PM 10 factor		lyd^3/year		Conversi on (1.93 tons/ cubic		lbs.wr		days		lbs./da		(bs/ton		tons/day	, c	Nork lays per ear		tons/yea
(lbs/ton) 0.0289	X	17 188	Х	1.93	-	959	1	298	=	3.22	- 1	2000	=	0.001609	X	298	=	0.48

3/11/2024 complete

80% of original production

30% from Secondary Crusher

70% from Secondary Crusher

PM 2.5 factor lbs/ton		(vd^3/vear)		cubic		lbs./vr		days		ibs./day		lbs/ton		tons/day		Work days per year		tons/year
0.0051	Х	17,188	Х	1.93	=	170	1	298	=	0.57	1	2000	=	0.000285	X	298	=	0.08

June 2006 edition controlled AP-42 factor

Portable Concrete Crushing 6-0598 N No Production in 2022

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

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

			Processed	Emissions			
İ	PM 10 factor	r	tons/year	lbs./yr	days	lbs./day	tons/year
ì	0.00059	lbs./ton X	133,584	78.81	298	0.26	0.04

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

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

Fines & Dust 10% of Production

	Processed	Emissions			
PM 10 fector	tons/year	lbs./yr	days	lbs./day	tons/year
0.0104 lbs.fton X	0	0.00	298	0.00	0.00

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

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

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

Calend	lar Year:	2023			
Site:	Rockville Ba	tch Plant	Facility No:	031-0528	

- Instructions

 1) Find out the total volume of #2 fuel oil delivered to your plant during calendar year and place in grange square.

 2) Type equipment description and the MDE Registration number for each boller in the blue squares.

 3) Type the rated million BTU/hour rating for each boller, fuel usage and operating days in veltow 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	Days	Gallons of #2 Fuel Oil	PM (lbs/day) filt	SO _x (lbs/day)	NO _x	CO (lbs/day)	VOC (lbs/day)
	Legospirica	MM BTU/hr			(lb/1,000 gallons	(lb/1,000 ga/lons	(lb/1,000 gallons	(lb/1,000 gallons	(lb/1,000 galions
Dlantwide	- Consumption		1	6,140	2	43.2	20	5	0.252
Dodar t	4-1418	2.1M	298	6.140	0.04121	0.89009	0.41208	0,10302	0.00519
Bollet 2			1		0.00000	0.00000	0.00000	0.00000	0,00000
Book 5			1 1		0.00000	0.00000	0.00000	0,00000	0.00000
Donner d	-		1		0.00000	0.00000	0.00000	0.00000	0.00000
Daniel E		-	1		0.00000	0.00000	0.00000	0.00000	0.00000
Child St.			Tatala	E 440	0.04121	0.89009	0.41208	0.10302	0.00519

	Registration No./	BTU rating for boiler	Days operated	PM (tons/yr)	SO _x (tons/yr)	NO _x	CO (tons/yr)	VOC (tons/yr)
		MM BTU/hr						
Sitt Ci	4-1418	2.1M	298	0,00614	0.13262	0.06140	0,01535	0.00077
inlar 2		0	1	0.00000	0,00000	0.00000	0.00000	0.00000
loller 1		0	1	0.00000	0,00000	0.00000	0.00000	0.00000
one: 4		D	1	0.00000	0,00000	0.00000	0,00000	0.00000
Notice S		D	1	0.00000	0,00000	0.00000	0.00000	0.00000
A			Totals	0.00614	0.13262	0,06140	0.01535	0.00077

	Registration No./ Equipment	BTU rating for boiler	Days operated	Gallons of #2 Fuel Oil	PM ₁₀ (lbs/day) filt	PM _{2.5} (lbs/day) filt	Cond PM (lbs/day)	Methane (ibs/day)	CO ₂ (fbs/day)	N₂O (lbs/day)
		MM BTU/br			(1b/1,000 analisp	(lb/1,000 gaitons	(lb/1,000 gailons	(lb/1,000 gailtons	(lb/1,000 gallons	(lb/1,000 gallons
Plantwide	Consumption			6,140	1.08	0.83	1.3	0.216	22,300	0.26
Boile/ 1	4.(4?8	2.1M	298	6,140	0.02225	0.01710	0.02679	0.00445	459.46980	0.00536
Boiler 2	-	0		0	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Boiler 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
Boller 5	-	0		0	0.00000	0.00000	0.00000	0.00000	0.00000	0,00000
DONNE C		-	Totals	6,140	0.02225	0.01710	0.02679	0.00445	459,46980	0.00536

	Registration No./ Equipment	BTU rating for boiler	Days operated	PM ₁₀ (tons/yr) filt	PM _{2.5} (tons/yr) filt	Cond PM (tons/yr)	Methane (tons/yr)	CO ₂ (tons/yr)	N ₂ O {tons/yr
		MM BTU/hr							
Boder 1	4-1410	2.1M	298	0,00332	0.00255	0.00399	0.00066	68.46100	0.00080
coiler L		0	1	0.00000	0.00000	0,00000	0.00000	0.00000	0.00000
Tolle 1		0	1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
BOOM 4		0	1	0.00000	0.00000	0.00000	0.00000	0.00000	0,00000
D-sec 5		0	1	0.00000	0.00000	0,00000	0.00000	0.00000	0.00000
Parket A		-	Totals	0.00337	0.00255	0.00399	0.00066	68.46100	0.00080

Total Emissions From All Sources:

76.28 tons

Emissions Equation for Concrete Batching
E= Emission factor
k = particle size multiplier from chart

U = wind speed at material drop point (mph)
a = exponent from chart
M = Minimum moisture (% by weight) of cement and cement supplement

b = exponent from chart c = constant from chart

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

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

0.005124 emission factor for PM 2.5 for dry batch

SCC (Source Classification Code) Number dry mix concrete = 3-05-011-10 boiler <100 MM Btu/hr = 1-02-005-02 Pug Mill = 3-05-020-02 Pimary 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 <u>Permit Appendix B</u>. 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 <u>Permit Part V.B.4</u>).

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	Daily	UNITS	Frequency			
	Average	Maximum					
Flow	REPORT	REPORT	gpd		measured		
рН	6.5-8.5	6.0-90	s.u.				
Total Suspended Solids	30	60	mg/L	1/month			
(TSS)				Į.	grab		
Oil & Grease		15 ^(a)	mg/L	1.			

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

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

		Lin	Adamitanian	Cample		
PARAMETER	Daily Minimum	Monthly Daily Average 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)

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

⁽a) Pertains to SIC 3272 concrete plants using molds

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	gpd	1/month	Measured
	avg, and daily			
	maximum			
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)	30 monthly avg, 66	mg/L	1/month	Grab
- Dewatering Only	daily maximum			
Total Suspended Solids (TSS)	45 monthly avg, 60	mg/L	1/month	Grab (a)
- Dewatering and Process	daily maximum			
Water				

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.

Re: Registration Number 15MM1365

Page 5 of 6

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

		Lin	Administration of	Camala		
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. The permittee shall observe any vehicle or wheel washwater on each day the facility is in operation to verify compliance with this requirement.

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

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

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

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

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

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

Maryland Department of the Environment LMA - Mining Program 1800 Washington Boulevard, Suite 655 Baltimore, MD 21230 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 http://9nl.at/MD-MMGP, or call the department at 410-537-3323.

Sincerely,

Robert Pudmericky

Project Manager/ Engineer

Industrial and General Permits Division

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

ICIS-NPDES Manager, Enforcement Division







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

Enter search term

Q





Section Minus

Email Updates

Click here to subscribe to an email newsletter providing updates regarding MDE's general discharge permits.

General Discharge Permit

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

New! NOTICE - Draft Permit Renewal Announcement New!

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

22-MM Tentative Determination Draft Documents

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

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

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

Important Dates

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





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

Change in Required Documentation

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

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

• Consent Order

The below statement was downloaded from the MDE website on 01-09-23.

• Declaration of Intent (DOI)

The quarry discharge permit is a 15-MM

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

15-MM Permit

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

Forms

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

Supplemental Information

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





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

10-MM Permit

General Permit No. 10-MM

Contact Info

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

Additional Information and Related Links

- MDE Home
- Maryland Water Permit Applications

Human Trafficking GET HELP

National Human Trafficking Hotline - 24/7 Confidential



Maryland Governor and Leutenant Governor

Customer Service Promise

The State of Maryland pledges to provide constituents, businesses, customers, and stakeholders with friendly and courteous, timely and responsive, accurate and consistent, accessible and convenient, and truthful and transparent services.

Table	ClimSurvey

Help Stop Fraud in State Government

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

Maré Information

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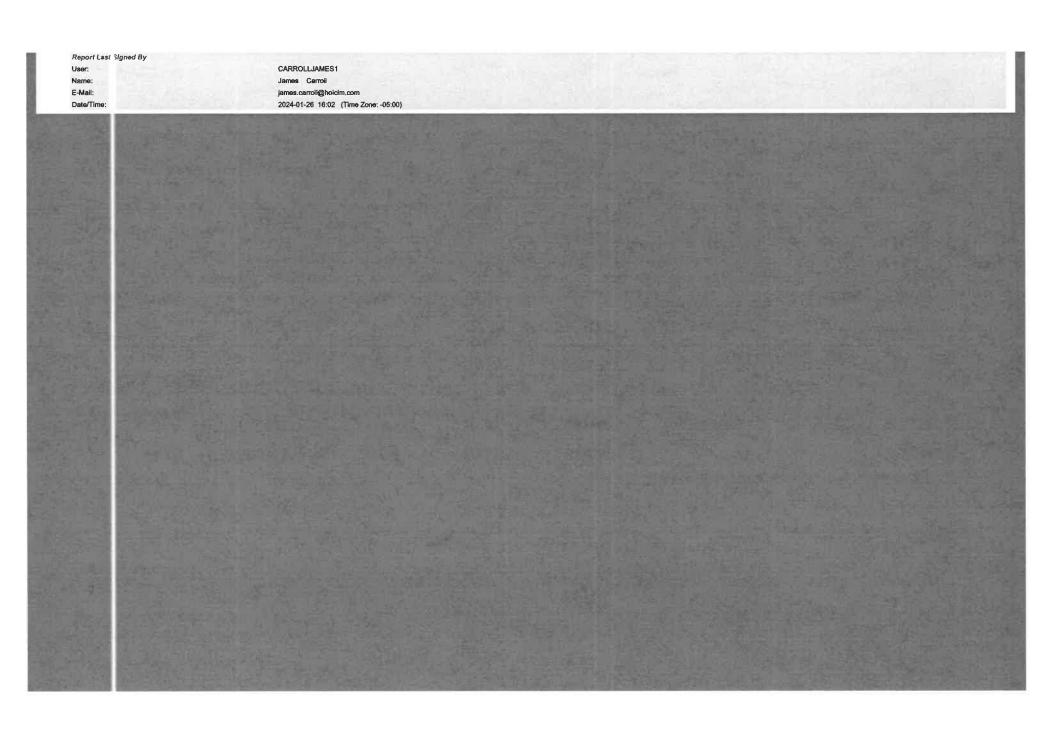
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Permit							
Permit #:	MDG491365	Permittee:	BARDON, INC. (DBA AGGREGATE INDUSTRIES)	Facility:	ROCKVILLE QUARRY &	READY MIX CONCE	ETE
Major:	No	Permittee Address:	6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	Facility Location:	ation: 13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850		
Permitted F ature:	ture: 001 External Outfall		901-E2 Stormwater Benchmarks 15MM1365				
Report Date & Statu	s						
Monitoring eriod:	From 10/01/23 to 12/31/23	DMR Due Date:	01/28/24	Status:	NetDMR Validated		
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Principal Executive C	Officer						
First Name:	Miranda	Title:	Environmental Engineer	Telephone:	240-521-8835		
Last Name	Schalk						
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Permit Facility: ROCKVILLE QUARRY & READY MIX CONCRETE Permittee BARDON, INC. (DBA AGGREGATE INDUSTRIES) Permit #: MDG491365 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 Facility Location: 13900 PINEY MEETINGHOUSE ROAD No Permittee Address: Major: MONTGOMERY COUNTY ROCKVILLE, MD 20850 MONTGOMERY COUNTY GREENBELT, MD 20770 001 Permitted F ature: 001-F4 Discharge: External Outfall Wastewater Effluent Limits 15MM1365 Report Date & Status Monitoring eriod: From 10/01/23 to 10/31/23 DMR Due Date: 01/28/24 Status: **NetDMR Validated** Considerati ns for Form Completion SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS Principal Ex -cutive Officer 240-521-8835 First Name: Miranda Title: Environmental Engineer Telephone. Schalk Last Name No Data Ing :ator (NODI) Form NODI. Parameter Monitoring Location Season Parent Quantity or Leading Quality or Concentration Frequency of Sample Type Analysis Qualifier Value 1 Cumillion Qualifier ex. Cade GR - GRAB 8.1 8.1 12 - SU 01/30 - Monthly 1 - Effluent 6.0 DAILY MN <= 9.0 DAILY MX 12 - SU 01/3D - Monthly GR - GRAB 00400 pH Reg. Gross OOK suist 8.1 12 - SU 01/30 - Monthly GR - GRAB Permit 6.5 MO AV 01/30 - Monthly GR - GRAB 1 - Effluent 8.5 MO AVG 12 - SU 00400 pH Gross OOM Hiller 19 -GR - GRAB 6.4 6.6 01/30 - Monthly Sample mq/L 30.0 MX MO AV 19 -mg/L 1 - Effluent 00530 Solids, total suspended 60.0 DAILY MX 01/30 - Monthly GR - GRAB Gross alue NOD Pen 15.0 DAILY MX 01/30 - Monthly GR - GRAB 1 - Effluent Req 03582 Oil and grease Gross 9 - Conditional Monitoring - Not Required This Value NOD MS -MEASRD Sample 1728000.0 1728000.0 01/30 - Monthly gal/d 50050 Flow. In conduit or thru treatment 1 - Effluent 07 -Permit Req. Req Mon MO Reg Mon DAILY MS -MEASRD 01/30 - Monthly Gross 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 rrors No errors. Comments Atrachment Type Attachment.pdf 2697208.0 Report Last Saved By BARDON, II C. (DBA AGGREGATE INDUSTRIES) **ASHTONALBAN** User: Ashton Alben aalban@eaest.com E-Mail: 2024-01-24 13:10 (Time Zone: -05:00) Date/Time:



Permit Facility: ROCKVILLE QUARRY & READY MIX CONCRETE Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES) Permit #: MDG491365 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 Facility Location: 13900 PINEY MEETINGHOUSE ROAD Permittee Address: Major: MONTGOMERY COUNTY ROCKVILLE, MD 20850 MONTGOMERY COUNTY GREENBELT, MD 20770 Permitted F ature: 001 Discharge: 001-E4 External Outfall Wastewater Effluent Limits 15MM1365 Report Date & Status Monitoring erlad: From 11/01/23 to 11/30/23 DMR Due Date. 01/28/24 Status: **NetDMR Validated** Considerati ns for Form Completion SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS Principal Ex-cutive Officer 240-521-8835 First Name: Miranda Title: Environmental Engineer Telephone: Last Name Schalk No Data Ing :ator (NODI) Form NODI Quality or Con en Sumple Type NOD Value 2 Value 1 Qualifier Qualif Value 3 Ex Analys GR - GRAB 8.1 8.1 12 - SU 01/30 - Monthly 1 - Effluent 6.0 DAILY MN <= 9.0 DAILY MX 12 - SU 01/30 - Monthly GR - GRAB 00400 pH District. Gross Value MOR 8.1 12 - SU 01/30 - Monthly GR - GRAB 6.5 MO AV 1 - Effluent 12 - SU 01/30 - Monthly GR - GRAB 8.5 MO AVG 00400 pH R) CON mulais GR - GRAB 3.6 3.9 01/30 - Monthly Sample mg/L 1 - Effluent 30.0 MX MO AV 19 -00530 Solids, total suspended --60.0 DAILY MX 01/30 - Monthly GR - GRAB mg/L Gross State. Value NOD 19 -mg/L 15.0 DAILY MX 01/30 - Monthly GR - GRAB 1 - Effluent Req 03582 Oil and grease Gross 9 - Conditional Monitoring - Not Required This down with Period 2880000,0 2880000.0 01/30 - Monthly MEASRD gal/d 50050 Flow, In conduit or thru treatment 1 - Effluent Req Mon DAILY 07 -Parinti Reg Mon MO 01/30 - Monthly MEASED Gross Palue NGO 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 mors No errors. Comments Attachmeni Typs 2697208.0 Attachment.pdf Report Last Saved By BARDON, II C. (DBA AGGREGATE INDUSTRIES) **ASHTONALBAN** User Name Ashton Alban E-Mall: aalban@eaest.com Date/Time: 2024-01-24 13:19 (Time Zone: -05:00)

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

Permit																
Permit #:	MDG491365		Permi	tee	BARDO	N, INC. (DBA AGGREG	ATF INDU	STRIES)		le.	cility:		ROCKVILLE QUARRY & RE	ADV MIX CO	NCDETE	
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Permitted F ature:	001 External Outfall		Discha	arge:	001-E4 Wastew	ater Effluent Limits 15M	M1365									
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Monitoring eriod:	From 12/01/23 to 12/31/	23	DMR	ue Date	01/28/24					St	atus:		NetDMR Validated			
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SECTOR E ? GLASS, CLAY,	CEMENT, CONCRETE, AN	D GYPSUM F	PRODUCTS													
Principal Ex scutive Officer																
First Name:	Miranda		Title.		Environi	mental Engineer				Te	lephone:		240-521-8835			
Last Name	Schalk		1													
No Data Ind rator (NODI) Form NODI																
Parameter	Monitoring	Local Se_se			Qua	unity or Load ag					Quality	y or Consummation			#of Frequency of	Sample Type
Code			NOĐ		Qualifier Value 1	Qualie Value 2	Units	,	Value Q			er	Varie 2	Linite	Ex. Analysis	
	1 - Effluen			Sample				= 8.0			=	8.01		12 - SU	01/30 - Monthly	GR - GRAB
00400 pH	Gross	. 0	-	Req.				>= 6.0	DAILY MN		<=	9.0 DAILY MX		12 - SU	01/30 - Monthly	GR - GRAB
				Value NOD												
	4 500			Sample Permit				= 8.0 8.5	MO AV			8.01		12 - SU	01/30 - Monthly	GR - GRAB
00400 pH	1 - Effluen Gross	1	-	Red				>= 0.5 MN			<=	8.5 MO AVG		12 - SU	01/30 - Monthly	GR - GRAB
				Value 5001												
				Sample					=	16.5		17.0		19 -	01/30 - Monthly	GR - GRAB
00530 Solids, total suspende	ad 1 - Effluen	t o	-	Permi					<=	30.0 MX MO	<=	60.0 DAILY MX		mg/L 19 -		
	Gross	_		Req						AV	~-	60.0 DAILT MX		mg/L	01/30 - Monthly	GR - GRAB
				Value NGO!												
				Sample								450048444		19 -		
03582 Oll and grease	1 - Effluen Gross	t o	-	Req							<=	15.0 DAILY MX		mg/L	01/30 - Monthly	GR - GRAB
				Value NOD								9 - Conditional Period	Monitoring - Not Required This			
				Sample =	2880000.0	= 2880000.0	07 -								D1/30 - Monthly	MS -
50050 Flow, in conduit or the		t n	_	Permit	Req Mon MO	Req Mon DAILY	gal/d 07 -									MEASRD MS -
plant	Gross	·		Req.	AVĠ	MX	gal/d								01/30 - Monthly	MEASRD
			-	Jame NOD												
Submission Note	natala anusualusa fasilis Oss		T II						2.4							
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BARDON, II C. (DBA AGGRI	FGATE INDUSTRIES															
User:	LOTTE (HDOSTRIES)	ASH	TONALBAN													
Name:			on Alban													
E-Mail:			an@eaest.co	m												
Date/Time:			1-01-24 13:2		ne: -05:00)											
					,											

Report Last Signed By CARROLLJAMES1 User: James Carroll E-Mail: james.carroli@holcim.com 2024-01-26 16:02 (Time Zone: -05:00) Date/Time:

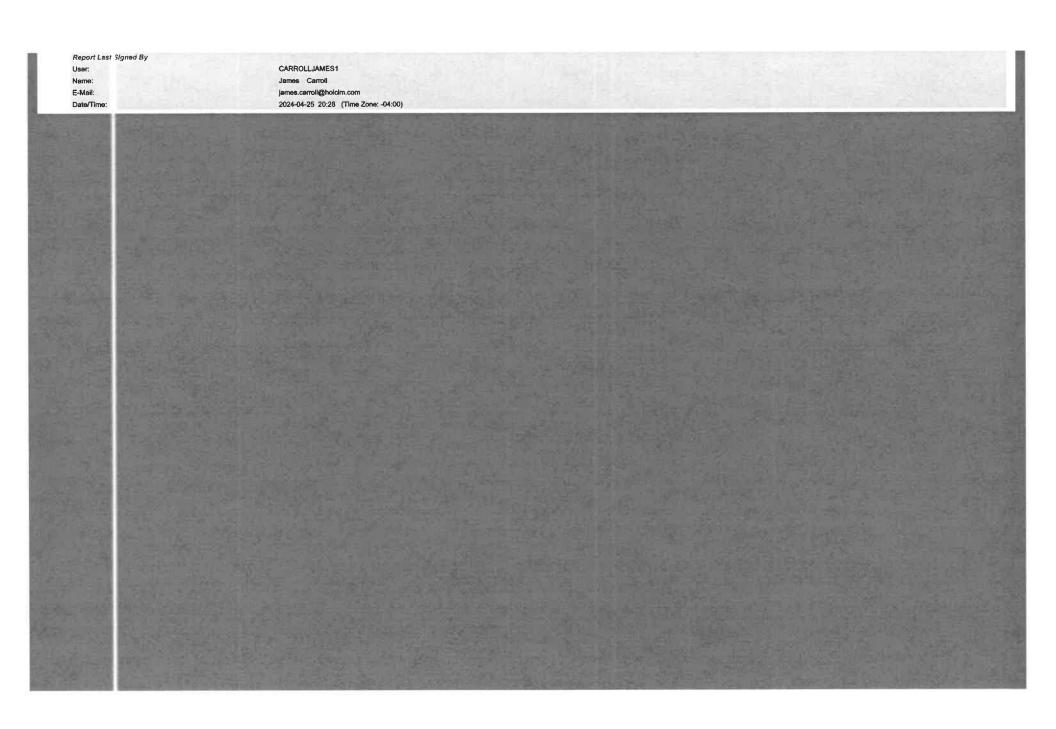
Permit									
Permit #:	MDG491365	Permittee:	BARDON, INC. (DBA AGGREGATE INDUSTRIES)	Facility:	ROCKVILLE QUARRY & READY MIX CONCRETE				
Major:	No	Permittee Address:	6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	Facility Location:	13900 PINEY MEETINGHO MONTGOMERY COUNTY ROCKVILLE, MD 20850	USE ROAD			
Permitted F ature:	001 External Outfall	Discharge.	001-E5 Wastewater Effluent Limits 15MM1365						
Report Date & Status									
Monitoring eriod:	From 10/01/23 to 10/31/23	DMR Due Date:	01/28/24	Status:	NetDMR Validated				
Considerati ns for Ford	m Completion								
SECTOR E ? GLASS, CI	LAY, CEMENT, CONCRETE, AND	GYPSUM PRODUCTS							
Principal Ex -cutive Off	ficer								
First Name:	Miranda	Title:	Environmental Engineer	Telephone:	240-521-8835				
Last Name	Schalk								
No Data Ing :ator (NOD	01)								
Form NODI									
Peror		Location Season # Param. NODE	Quantity or Londing	1 Diffillity Co.		of Ex. Frequency of Amilyan	Sample Type		
code	Name			leute Gualifier 1 Value 1 Qualifie - gal/d	er 2 Value 2 Qualitier 3 Value 3 lin	01/30 - Monthly	MS - MEASRE		
50050 Flow is conduit	or thru treatment plant 1 - Effluer	I Gross 0 –	Permit Req. Reg Mon MO AVG Reg Mon DAILY MX 07 -			01/30 - Monthly	MS - MEASRE		
50050 Flow, ill colladit			Yature NODI						
Submission Note		- 7 / 7	Value NOOI		THE EVALUATION		100		
Submission Note		ple nor Effluent Trading, then	NAMES NOO!	imber of Excursions, Frequer	ncy of Analysia, and Sample Typ	e.			
Submission Note		ple nor Effluent Trading, then		mber of Excursions, Frequer	ncy of Analysis, and Sample Typ	е.			
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Submission Note If a parameter row does t Edit Check rrors No errors. Comments Attachment Attachment pdf Report Last Saved By BARDON, It C. (DBA Att User Saved By Last Saved By Sarbon, It C. (DBA Att User Saved By Saved	not contain any values for the Sam, Nam GGREGATE INDUSTRIES) AS asi asi	HTONALBAN hton Alben ben@eeest.com 24-01-24 13:09 (Time Zone:	none of the following fields will be submitted for that row: Units, Nu Type pdf			•.			
Submission Note If a parameter row does t Edit Check rrors No errors. Comments Attachment Attachment Last Saved By BARDON, It C. (DBA At User: Name: E-Mail: Date/Time: Report Last Signed By User:	not contain any values for the Sam, Nam GGREGATE INDUSTRIES) AS Asi aal 200	HTONALBAN hton Alben ben@esest.com 24-01-24 13:09 (Time Zone:	none of the following fields will be submitted for that row: Units, Nu Type pdf			e.			
Submission Note If a parameter row does t Edit Check mors No errors. Comments Attachment Attachment,pdf Report Last Saved By BARDON, If C. (DBA Aduser: Name: E-Mail: Date/Time: Report Last Signed By User: Name:	not contain any values for the Sam, Nam GGREGATE INDUSTRIES) As asi 203	HTONALBAN inton Alben ban@esest.com 24-01-24 13:09 (Time Zone: RROLLJAMES1 nes Carroll	none of the following fields will be submitted for that row: Units, Nu Type pdf			e.			
Submission Note If a parameter row does t Edit Check rrors No errors. Comments Attachment Attachment Last Saved By BARDON, It C. (DBA At User: Name: E-Mail: Date/Time: Report Last Signed By User:	not contain any values for the Sam, Nam GGREGATE INDUSTRIES) As aei 20; CA Jai	HTONALBAN hton Alben ben@esest.com 24-01-24 13:09 (Time Zone:	none of the following fields will be submitted for that row: Units, Nu pdf			e.			

Permit #:	MDG491365	Permittee:	BARDON, INC. (DBA AGGREGATE INDUSTRIES)	Facility:	ROCKVILLE QUARRY & READY MI	X CONCRETE
Major.	No	Permittee Address:	6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	Facility Location:	13900 PINEY MEETINGHOUSE RO. MONTGOMERY COUNTY ROCKVILLE, MD 20850	AD
Permitted F ature:	001 External Outfall	Discharge:	001-E5 Wastewater Effluent Limits 15MM1365			
Report Date & Status	5					
Monitoring eriod:	From 11/01/23 to 11/30/23	DMR Due Date:	01/28/24	Status:	NetDMR Validated	
Considerati ns for Fo	orm Completion					
SECTOR E ? GLASS, (CLAY, CEMENT, CONCRETE, ANI	D GYPSUM PRODUCTS				
Principal Ex-cutive Of	fficer					
First Name:	Miranda	Title:	Environmental Engineer	Telephone:	240-521-8835	
Last Name	Schalk					
No Data Ind rator (NO	001)					
Form NODI						
		rg Location Season # Param. NOD	Guardity or London			squency of Alialysis Bample T
Code	Name			Jrein Qualifier 1 Value 1 Qualifie 7 - gal/d	er 2 Value 2 Qualifier 3 Value 3 Units	/30 - Monthly MS - MEAS
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Submission Note If a parameter row does Edit Check rrors No errors. Comments Attachment Attachment,pdf Report Last Saved By BARDON, If C. (DBA) USOP: Name: E-Mail: Date/Time: Report Last Signed B	s not contain any values for the Sar Maggregate industries) A A a a 2	mple nor Effluent Trading, then SHTONALBAN shton Alben alban@eaest.com	value NOCI none of the following fields will be submitted for that row: Units, N Type pdf	tumber of Excursions, Frequen	ncy of Analysis, and Sample Type.	SO - INCINITY INCINITY
Submission Note If a parameter row does Edit Check rrors No errors. Comments Attachment Attachment,pdf Report Last Saved By BARDON, If C. (DBA) User: Be-Mall: Date/Time: Report Last Signed B User:	s not contain any values for the Sar Material State (NOUSTRIES) A A Sai 24	mple nor Effluent Trading, then SHTONALBAN shton Alben alban@eaest.com 024-01-24 13:17 (Time Zone	value NOCI none of the following fields will be submitted for that row: Units, N Type pdf	tumber of Excursions, Frequen	ncy of Analysis, and Sample Type.	SO - MOTAL III

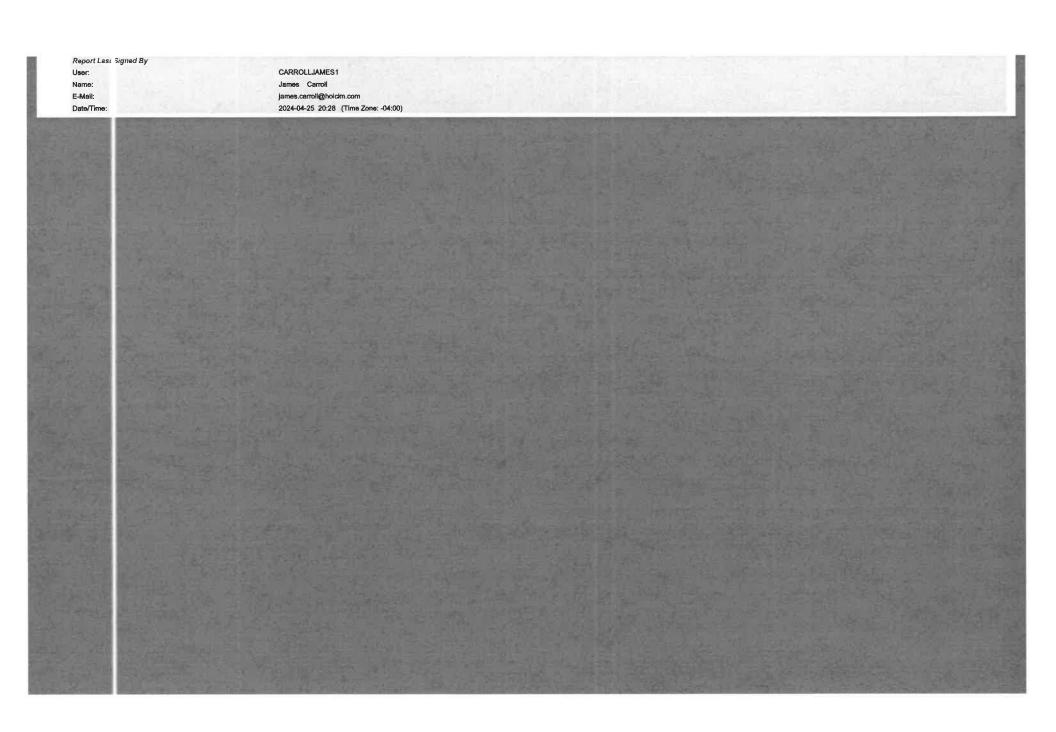
Permit Facility: Permit #: MDG491365 Permittee: BARDON, INC. (DBA AGGREGATE INDUSTRIES) ROCKVILLE QUARRY & READY MIX CONCRETE No Permittee Address: 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 Facility Location: 13900 PINEY MEETINGHOUSE ROAD Major: MONTGOMERY COUNTY MONTGOMERY COUNTY GREENBELT, MD 20770 ROCKVILLE, MD 20850 Permitted F ature: Discharge: External Outfall Wastewater Effluent Limits 15MM1365 Report Date & Status From 12/01/23 to 12/31/23 DMR Due Date: Monitoring eriod: 01/28/24 Status: **NetDMR Validated** Considerati ns for Form Completion SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS Principal Executive Officer First Name: Telephone: 240-521-8835 Miranda Title: Environmental Engineer Last Name Schalk No Data Ing :ator (NODI) Form NODI Parameter Mondoring Lucation Stason Param, NODI of Ex. Fragments of Analysis Samule Type Quantity or Loading Qui : or Concentration Code blama Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3 Units 2880000.0 2880000.0 07 - gal/d 01/30 - Monthly MS - MEASRD Permit Res. 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 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 rrors No errors. Comments Attachment Name Size Type Attachment.pdf pdf 2697208.0 Report Last Saved By BARDON, II C. (DBA AGGREGATE INDUSTRIES) ASHTONALBAN User Nama: Ashton Alban aalban@eaest.com E-Mail: Date/Time: 2024-01-24 13:27 (Time Zone: -05:00) Report Last Signed By User: CARROLLJAMES1 Name: James Carroll E-Mail: james.carroll@holcim.com Date/Time: 2024-01-26 16:02 (Time Zone: -05:00)

Permit					
Permit #:	MDG491365	Permittee:	BARDON, INC. (DBA AGGREGATE INDUSTRIES)	Facility:	ROCKVILLE QUARRY & READY MIX CONCRETE
Major:	No	Permittee Address:	6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	Facility Location:	13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850
Permitted F ature:	001 External Outfail	Discharge:	001-E2 Stormwater Benchmarks 15MM1365		
Report Date & Statu	rs .				
Monitoring eriod:	From 01/01/24 to 03/31/24	DMR Due Date:	04/28/24	Status:	NetDMR Validated
Considerati ns for F	orm Completion				
SECTOR E ? GLASS,	CLAY, CEMENT, CONCRETE,	AND GYPSUM PRODUCT	S		
Principal Ex-cutive C	Officer				
First Name:	Miranda	Title:	Environmental Engineer	Telephone:	240-521-8835
Last Name	Schalk				
No Data Inc rator (NO	ODI)				
Form NODI					
stattle inv	Monitoring Location &	# Param. NOU!	Quantity or Loadii	Quality or Concentration	
Code Nami		Sample	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Q	valifier 2 Value 2 20.7	19 - mg/L 01/90 - Quarterly GR -
00530 Solids total si	uspendert 1 - Effluent Gross (Req Mon QRTR AVG	19 - mg/L 01/90 - Quarterly GR -
Submission Note of a parameter row doe	uspended 1 - Effluent Gross (Permi Ri Value NG	PG.	o Allegai e Alle	
Submission Vote	ENTERNA	Permi Ri Value NG	Di	o Allegai e Alle	
Submission Note If a parameter row doe Edit Check rrors No errors.	ENTERNA	Permi Ri Value NG	Di	o Allegai e Alle	
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Submission Note If a parameter row doe Edit Check rrors No errors. Comments Attachment Attachment.pdf	es not contain any values for the) - Perri N	g, then none of the following fields will be submitted for that	row: Units, Number of Exc	cursions, Frequency of Analysis, and Sample Type.
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Submission Note If a parameter row doe Edit Check rrors No errors. Comments Attachment Attachment.pdf Report Last Saved B	es not contain any values for the Name (Values for) - Perri N	g, then none of the following fields will be submitted for that	row: Units, Number of Exc	cursions, Frequency of Analysis, and Sample Type.
Submission Note If a parameter row doe Edit Check rrors No errors. Comments Attachment Attachment.pdf Report Last Saved B BARDON, If C. (DBA User:	es not contain any values for the Name Y AGGREGATE INDUSTRIES) ASI	Pennil % #abye NO Sample nor Effluent Trading	g, then none of the following fields will be submitted for that	row: Units, Number of Exc	cursions, Frequency of Analysis, and Sample Type.
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Submission Note If a parameter row doe Edit Check mors No errors Comments Attachment Attachment, Ddf Report Last Saved B BARDON, If C. (DBA User: Name: E-Mall:	es not contain any values for the Name Y AGGREGATE INDUSTRIES) Asi asi	Sample nor Effluent Trading HTONALBAN Iton Alban	g, then none of the following fields will be submitted for that Type pdf	row: Units, Number of Exc	cursions, Frequency of Analysis, and Sample Type.
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Submission Note If a parameter row doe Edit Check mors No errors. Comments Attachment Attachment,pdf Report Last Saved B, BARDON, If C. (DBA User: E-Malt: Date/Time: Report Last Signed E	y AGGREGATE INDUSTRIES) Asi abil 202	Sample nor Effluent Trading HTONALBAN Iton Alban ban@aeest.com	g, then none of the following fields will be submitted for that Type pdf	row: Units, Number of Exc	cursions, Frequency of Analysis, and Sample Type.
Submission Note If a perameter row doe Edit Check rrors No errors. Comments Attachment Attachment.pdf Report Last Saved B, BARDON, If C, (DBA	Name	Sample nor Effluent Trading HTONALBAN Inton Alban ban@eeest.com	g, then none of the following fields will be submitted for that Type pdf	row: Units, Number of Exc	cursions, Frequency of Analysis, and Sample Type.
Submission Note If a parameter row doe Edit Check rrors No errors. Comments Attachment Attachment.pdf Report Last Saved B, BARDON, If C. (DBA User: E-Mall: Date/Time; Report Last Signed E	Name	HTONALBAN ton Alban ban@sest.com	g, then none of the following fields will be submitted for that Type pdf	row: Units, Number of Exc	cursions, Frequency of Analysis, and Sample Type.

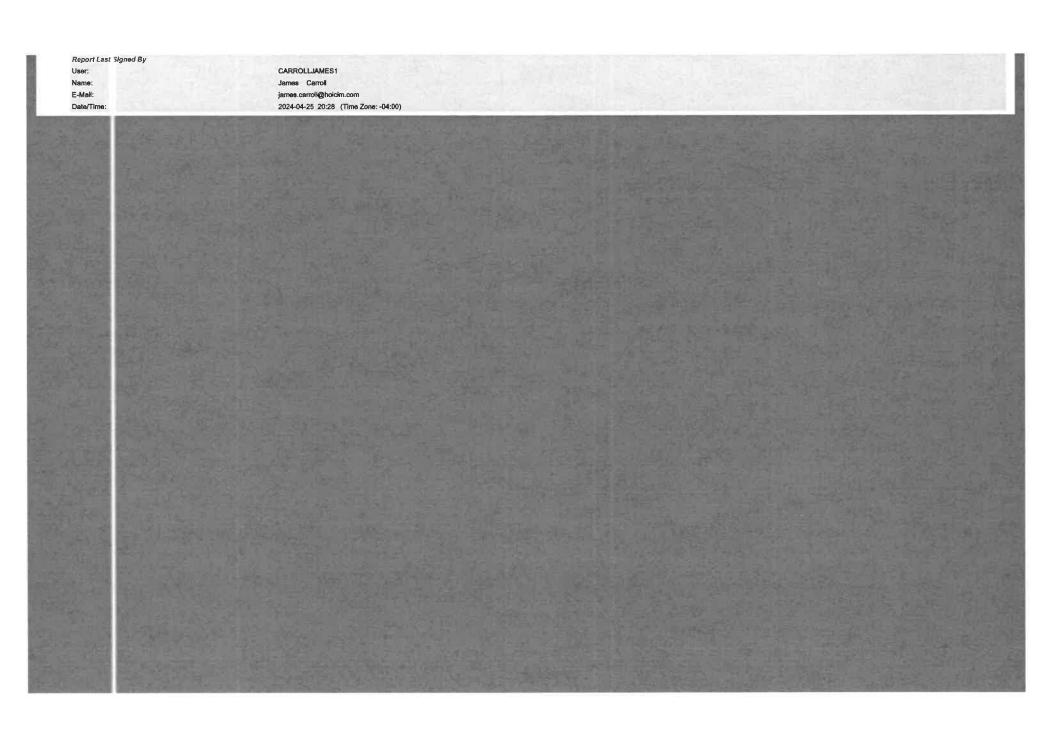
Dla																			
Permit #:	MDG491365			Permittee:			BARDON, INC. (DBA AGGREGATE INDUSTRIES)					Fac	ility:		ROCKVILLE QUARRY & READY MIX CONCRETE				
Major:	No No			Permittee Address:			6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770						Facility Location:		13900 PINEY MEETINGHO MONTGOMERY COUNTY ROCKVILLE, MD 20850				
Permitted F ature:	001 External Out	tfall		Discha	Discharge:			001-E4 Wastewater Effluent Limits 15MM1365											
Report Date & Status		THE CLUS		4															
Monitoring ariod:	From 01/01/	/24 to 01/31/24		DMRD	ue Date:		04/28/24						Stat	tus:		NetDMR Validated			
Considerati ns for Form Con SECTOR E ? GLASS, CLAY, O Principal Ex-cutive Officer		NCRETE, AND GY	PSUM PR	ODUCTS															
First Name:	Miranda			Title:			Environme	ental Engli	neer				Tele	phone:		240-521-8835			
Last Name	Schalk																		
No Data Inc. :ator (NODI)																			
Form NODI Parameter	-	Marie Control	List Secretary	Param.			0	tty or Leadin	115					Out to	or Concentration			af Frequency of	Sample Type
Code Name		Mandaring Local	0. 567101	NOOF		Qualifier		Qualifier 2	Vetoe 7		Qualities			Qualifi 3	er	Value S	Units E	Analysis	
		. ===			Sample					-		8.0		-	8,0		12 - SU	01/30 - Monthly	GR - GRAB
00400 рН		1 - Effluent Gross	0	-	Bes.					2	>=	6.0 DAILY MN		<=	9.0 DAILY MX		12 - SU	01/30 - Monthly	GR - GRAB
					Value NOD														
		1 - Effluent			Sample Permit						-	8.0 6.5 MO AV		= <=	8.0 8.5 MQ AVG		12 - SU 12 - SU	01/30 - Monthly 01/30 - Monthly	GR - GRAB GR - GRAB
00400 pH		Gross	1	-	Rec	-					_	MN		-	O.D MO AVG		12-30	0 1/30 - Moliary	OK * OKAB
					Value NGO												19 -		
		4 550			Semply							=	25.5	=	27.0		mg/L 19 -	01/30 - Monthly	GR - GRAB
00530 Solids, total suspende	d	1 - Effluent Gross	۵	-	Permit Rivo. Value NOO							<=	30,0 MX MO AV	<=	60.0 DAILY MX		mg/L	01/30 - Monthly	GR - GRAB
					Sample												19 -		
03582 Oil and grease		1 - Effluent Gross	0		Req									<=	15.0 DAILY MX		mg/L	01/30 - Monthly	GR - GRAB
		Gross			Value 500							8			9 - Conditional Period	Monitoring - Not Required This			
					Sample	= 489	6000.0	= 48	896000.0	07 - gal/d								01/30 - Monthly	MS - MEASRD
50050 Flow, In conduit or three	u treatment	1 - Effluent Gross	0	_	Permit Req	Rec	Mon MO	R	eq Mon DAILY	07 - gal/d								01/30 - Monthly	MS - MEASRD
piant		Gloss			Value NOO					gana									,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Submission Note						-										7 7 7 7 7	Admin's		
If a parameter row does not co	ntain any value	es for the Sample	nor Effluen	t Trading, t	hen none o	of the followin	g fields will b	e submitte	d for that row	: Units, Nu	mber of	f Excursions, Frequ	ency of Analysis	s, and Sa	emple Type.				
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No errors.																			
Comments																			
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			Mame									Туре					Size		100
Attachment, pdf									pdf					2	681967.0				
Report Last Saved By																			
BARDON. II C. (DBA AGGRE	GATE INDUS	IRIES)																	
User:				ONALBAN															
Name:				n Alban															
E-Mail:				n@eaest.co															
Date/Time:			2024-	04-25 10:3	/ Time 2	Zone: -04:00)													



Facility: BARDON, INC. (DBA AGGREGATE INDUSTRIES) ROCKVILLE QUARRY & READY MIX CONCRETE MDG491365 Permittee Permit #: 6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY Facility Location: 13900 PINEY MEETINGHOUSE ROAD Major: Permittee Address: MONTGOMERY COUNTY ROCKVILLE, MD 20850 GREENBELT, MD 20770 Permitted F ature: 001 Discharge. 001-E4 External Outfall Wastewater Effluent Limits 15MM1365 Report Date & Status Monitoring eriod: From 02/01/24 to 02/29/24 DMR Due Date: 04/28/24 Status: NetDMR Validated Considerati ns for Form Completion SECTOR E ? GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS Principal Ex-cutive Officer 240-521-8835 First Name: Miranda Title: Environmental Engineer Telephone: Last Name Schalk No Data Ing rator (NODI) Form NOD! Quantity or Loading Quality or Commission Frequency of Samp Type Analysis NODE Units Qualities Value 3 Value 2 GR - GRAB 7.8 7.8 12 - SU 01/30 - Monthly Patricit Rain 1 - Effluent 6.0 DAILY MN **<=** 9.0 DAILY MX 12 - SU 01/30 - Monthly GR - GRAB 00400 pH Gross Callue NOT Samo 7.8 12 - SU 01/30 - Monthly GR - GRAB 6.5 MO AV Permit Reg. 1 - Effluent 12 - SU 01/30 - Monthly GR - GRAB <= 8.5 MO AVG 00400 pH Gross falue NOD 19 -GR - GRAB 31.0 01/30 - Monthly Santale 30.0 mg/L 1 - Effluent Posint Reg. 30.0 MX MO AV 19 -mg/L 00530 Solids, total suspended 60.0 DAILY MX 01/30 - Monthly GR - GRAB Gross CON money Sample 15.0 DAILY MX 01/30 - Monthly GR - GRAB 1 - Effluent Res. 03582 Oil and grease Gross 9 - Conditional Monitoring - Not Required This Valley NOO 07 -gal/d MS -01/30 - Monthly Simple 2880000.0 2880000.0 MEASRD Flow, in conduit or thru treatment 1 - Effluent Req Mon DAILY 07 -MS -MEASRD Rea Mon MO Permit 50050 0 01/30 - Monthly Gross Req gal/d Value NOD 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 rrors No errors. Comments Attachment Type Attachment.pdf 2681967.0 Report Last Saved By BARDON, II C. (DBA AGGREGATE INDUSTRIES) **ASHTONALBAN** User: Name: Ashton Alban E-Mail: aalban@eaest.com Date/Time: 2024-04-25 10:44 (Time Zone: -04:00)



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Permit												1 111						
Permit #:	MDG49136	5/1 - 1/4		Permitt	tee.	BA	ARDON, INC. (I	DBA AGGREGA	ATE INDUSTR	RIES)		F	acility:		ROCKVILLE QUARRY & RI	EADY MIX CON	CRETE	
Major:	No			Permitt	ee Addres	M	01 GOLDEN T ONTGOMERY REENBELT, MI	RIANGLE DRIV COUNTY D 20770	/E, SUITE 40	0		F	acility	Location:	13900 PINEY MEETINGHO MONTGOMERY COUNTY ROCKVILLE, MD 20850	USE ROAD		
Permitted F- ature:	001 External Out	tfell		Discha	rge:		11-E4 astewater Efflu	ent Limits 15MA	M1365									
Report Date & Status																		
Monitoring eriod:	From 03/01	/24 to 03/31/24		DMR D	ue Date:	04	V28/24					s	tatus:		NetDMR Validated			
Considerati ns for Form Con	mpletion																	
SECTOR E ? GLASS, CLAY, C	CEMENT, CON	CRETE, AND GY	PSUM PRO	DUCTS														
Principal Executive Officer												1.			040 504 0005			
First Name:	Miranda			Title:		E	nvironmental Er	ngineer				ĮT.	elepño	ne:	240-521-8835			
Last Name	Schalk			1														
No Data Inc :ator (NODI)																		
Form NODI			u wantan	Parem.			Quantity or Lo	adan					0.	sality or Concentration			of Frequency	Simple Type
Code Name		Monitoring Local	on season	NOD!		Gualitier Valu			SHIELD CH	uaiHer √s 1	tue 1 Qual	litier Vasure 2		ualifler	Value 3		E Analysis	ammine type
					Sample					7.99			=	7.99		12 - SU	01/30 - Monthly	GR - GRAB
00400 pH		1 - Effluent Gross	0	-	Permit Req.				>=	6.0 D/	ILY MN		<=	9.0 DAILY MX		12 - SU	01/30 - Monthly	GR - GRAB
			_		Sample				-	7.99			=	7.99		12 - SU	01/30 - Monthly	GR - GRAB
00400 pH		1 - Effluent Gross	1	-	Permit Re Value NOC				>=	6.5 M MN	D AV		<=	8.5 MO AVG		12 - SU	01/30 - Monthly	GR - GRAB
					Sample						=	6.5	-	6.7		19 -	01/30 - Monthly	GR - GRAB
80530 Solids, total suspende	d	1 - Effluent Gross	0	-	Permit Req Value HODI						<=	30.0 MX M0	O <=	60.0 DAILY MX		mg/L 19 - mg/L	01/30 - Monthly	GR - GRAB
03582 Oli and grease		1 - Effluent Gross	0	_	Sample Per Req Value NOD								<=	15.0 DAILY MX 9 - Conditiona Period	Monitoring - Not Required This	19 - mg/L	01/30 - Monthly	GR - GRAB
					Sample	= 1728000.0	1 =	1728000.0	07 -								01/30 - Monthly	MS - MEASRD
50050 Flow. in conduit or three plant	u treatment	1 - Effluent Gross	0	-	Perinit Req	Req Mon AVG		Req Mon DAILY MX	gal/d 07 - gal/d								01/30 - Monthly	MS - MEASRD
Submission Note			Let let	THE REST				TITLE FO			11 317				24-191-16			THE PARTY
If a parameter row does not co	ontain any value	es for the Sample r	or Effluent	Trading, ti	hen none o	f the following field	ds will be subm	itted for that rov	w: Units, Num	ber of Excu	sions, Frequ	ency of Analy	sis, an	d Sample Type.				
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Report Last Saved By																		
BARDON, II C. (DBA AGGRE	EGATE INDUS	TRIES)																
User:			ASHTO	ONALBAN														
Name:			Ashton	Alban														
E-Mail:			aalban	@eaest.co	m													
Date/Time:			2024-0	4-25 10:5	3 (Time Z	one: -04:00)												



Permit #:	MDG491365	Permittee:	BARDON, INC. (DBA AGGREGAT	TE INDUSTRIES)	Facility:	ROCKVILLE QUARRY & RE	EADY MIX CONCRETE	
Major:	No	Permittee Address:	6401 GOLDEN TRIANGLE DRIVE MONTGOMERY COUNTY GREENBELT, MD 20770	S, SUITE 400	Facility Location:	13900 PINEY MEETINGHO MONTGOMERY COUNTY ROCKVILLE, MD 20850	USE ROAD	
Permitted F ature:	001 External Outfalt	Discharge:	001-E5 Wastewater Effluent Limits 15MM1	1365				
Report Date & Status								
Monitoring eriod:	From 01/01/24 to 01/31/24	DMR Due Date:	04/28/24		Status:	NetDMR Validated		
Considerati ns for Forn	n Completion							
SECTOR E ? GLASS, CL	AY, CEMENT, CONCRETE, AND	GYPSUM PRODUCTS						
Principal Ex-cutive Offic	cer							
First Name:	Miranda	Title:	Environmental Engineer		Telephone:	240-521-8835		
Last Name	Schalk							
No Date Ing :ator (NODI	ŋ							
Form NODI								
Param		Location Season & Parisin NOD	Quantity	y or Loading	Quality	or Concentration	of Ex. Frequency of Anal	veis Sample Typ
Code	Name		The state of the s			or 2 Value 2 Qualifier 3 Value 3 Units	A400 H H	NO MENO
			5ample = 4896000.0 =	4896000.0 07 - ga Req Mon DAILY MX 07 - ga			01/30 - Monthly 01/30 - Monthly	MS - MEASE MS - MEASE
ECCEC Flow in conduit of	a thru treatment plant 1 Effice.	of Crosss O	Pertruit Re Reg Mon MU AVG					
Submission Note f a parameter row does n Edit Check irrors	or thru treatment plant 1 - Effluer		Parmit Res. Req Mon MO AVG Value NOD none of the following fields will be subm	13		ncy of Analysis, and Sample Typ	1000	
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Permit #:	MDG491365	Permittee:	BARDON, INC. (DBA AGGREGATE INDUSTRIES)	Facility:	ROCKVILLE QUARRY & READY MIX CON	ICRETE
Major:	No	Permittee Address:	6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	Facility Location:	13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850	
Permitted F ature:	001 External Outfall	Discharge:	001-E5 Wastewater Effluent Limits 15MM1365			
Report Date & Status						
Monitoring eriod:	From 02/01/24 to 02/29/24	DMR Due Date:	04/28/24	Status:	NetDMR Validated	
Considerati ns for Forn	n Completion					
SECTOR E ? GLASS, CL	AY, CEMENT, CONCRETE, AND	GYPSUM PRODUCTS				
Principal Ex cutive Office	cer					
irst Name.	Miranda	Title:	Environmental Engineer	Telephone:	240-521-8835	
ast Name,	Schalk			The second second		
No Data Inc :ator (NODI	n					
orm NODI						
Perami	ster Maintening	Lucation Season # Param. NODI	Quantity or Loading	Quality	or Concentration of Ex. Fraguenc	of Analysis Sample Type
Code	Name				er 2 Value 2 Qualifier 3 Value 3 Units	
			2880000.0 = 2880000.0 0 Reg Mon MO AVG Reg Mon DAILY MX 0	07 - gal/d	01/30 - Mo 01/30 - Mo	
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Submission Note fa parameter row does n Edit Check rrors No errors. Comments Attachment Attachment.pdf Report Last Saved By BARDON, Ir C. (DBA AG Jser: Name: E-Mail: Date/Time: Report Last Signed By	Name SGREGATE INDUSTRIES) ASI Asi asi	HTONALBAN hton Alban ban@sesst.com	none of the following fields will be submitted for that row: Units, N	Number of Excursions, Frequer	ncy of Analysis, and Sample Type.	
Submission Note fa parameter row does n Edit Check rrors Vo errors. Comments Attachment Attachment.pdf Report Last Saved By BARDON, It C. (DBA AG Jser: E-Mail: DetetTime: Report Last Signed By User:	Name SIGREGATE INDUSTRIES) Asi aali 202	HTONALBAN hton Alban ban@sesst.com 24-04-25 10:45 (Time Zone:	none of the following fields will be submitted for that row: Units, N	Number of Excursions, Frequer	ncy of Analysis, and Sample Type.	
Submission: Note If a parameter row does in Edit Check mors No errors. Comments Attachment Attachment,pdf Report Last Saved By BARDON, It C. (DBA AG User: Name: E-Mail: Date/Time: Report Last Signed By User: Name:	Name PAREGATE INDUSTRIES AS Ast act CA Jar	e HTONALBAN nton Alban ban@eaest.com 24-04-25 10:45 (Time Zone:	none of the following fields will be submitted for that row: Units, N	Number of Excursions, Frequer	ncy of Analysis, and Sample Type.	
Submission Note If a parameter row does n Edit Check rrors No errors. Comments Attachment Attachment.pdf Report Last Saved By	Name SGREGATE INDUSTRIES AS Ast ast 202 CA Jar	HTONALBAN hton Alban ban@sesst.com 24-04-25 10:45 (Time Zone:	none of the following fields will be submitted for that row: Units, N Tyce pdf 2-04:00)	Number of Excursions, Frequer	ncy of Analysis, and Sample Type.	

Permit							
Permit #:	MDG491365	Permittee:	BARDON, INC. (DBA AGGREGATE INDUSTRIES)	Facility:	ROCKVILLE QUARRY & READ	DY MIX CONCRETE	
Major:	No	Permittee Address:	6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	Facility Location:	13900 PINEY MEETINGHOUS MONTGOMERY COUNTY ROCKVILLE, MD 20850	É ROAD	
Permitted F- ature:	001 External Outfall	Discharge:	001-E5 Wastewater Effluent Limits 15MM1365				
Report Date & Status							
Monitoring eriod:	From 03/01/24 to 03/31/24	DMR Due Date:	04/28/24	Status:	NetDMR Validated		
Considerati na for For	m Completion						
SECTOR E ? GLASS, C	LAY, CEMENT, CONCRETE, AND	GYPSUM PRODUCTS					
Principal Excutive Of	licer						
First Name:	Miranda	Title:	Environmental Engineer	Telephone:	240-521-8835		
Last Name	Schalk						
No Data Ind :ator (NOL	0()						
Form NODI.							
Parar		Location Season & Param, NOC				Ex Frequence of America	sam e Ty
Cado	Nome		Quair er 1 Value 1 Quairter 2 Value 2 Sample = 1728000.0 = 1728000.0 0	Units Qualifie 1 Volue 1 Qualifie 07 - gal/d	2 Value 2 Guzhfier 3 Value 3 Units	01/30 - Monthly I	MS - MEASI
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50050 Flow, In conduit	or thru treatment plant 1 - Effluer	nt Gross 0	Permit Reu Req Mon MO AVG Req Mon DAILY MX 0	17 - gal/d		O 1730 - MONIBITY	WS - MEAS
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Submission Note If a parameter row does Edit Check rrors No errors. Comments		ple nor Effluent Trading, then	Yalun NODI		ncy of Analysis, and Sample Type.	Cross-monthly	MS - MEASI
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Submission Note If a parameter row does Edit Check prors No errors. Comments Attachment Attachment.pdf Report Last Saved By	not contain any values for the Sam Nam SGREGATE INDUSTRIES) AS As as 20	spie nor Effluent Trading, then SHTONALBAN Alban (ban@eaest.com	none of the following fields will be submitted for thet row: Units, N Type pdf	Number of Excursions, Frequer		Cirac analysis	MS - MEAS
Submission Note If a parameter row does Edit Check mors No errors. Comments Attachment Attachment,pdf Report Last Saved By BARDON, If C. (DBA A User: E-Meil: Date/Time: Report Last Signed By User:	Name REGREGATE INDUSTRIES) AS As BB 20	sHTONALBAN htton Alban ban@sest.com 24-04-25 10:54 (Time Zone	none of the following fields will be submitted for thet row: Units, N Type pdf	Number of Excursions, Frequer		Cirac manually	MS - MEASI
Submission Note If a parameter row does Edit Check mors No errors. Comments Attachment Attachment pdf Report Last Saved By BARDON, It C. (DBA A User: Name: E-Mail: Data/Time: Report Last Signed By	Name Name Segregate INDUSTRIES) AS As Base 20 CA Jai	septe nor Effluent Trading, then SHTONALBAN whiten Alban uban@eaest.com 24-04-25 10:54 (Time Zone	none of the following fields will be submitted for thet row: Units, N Type pdf	Number of Excursions, Frequer		Cirac manually	MS - MEASR

Permit #:								
· within m.	MDG491365	Permittee:	BARDON, INC. (DBA AGGREGATE INDUSTRIES)	Facility:	ROCKVILLE QUAI	RRY & READY	MIX CONCRETE	
Major:	No	Permittee Address:	6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	Facility Location	n: 13900 PINEY MEE MONTGOMERY C ROCKVILLE, MD 2	OUNTY	ROAD	
Permitted F ature:	001 External Outfall	Discharge	001-L1 Stormwater Benchmarks 15MM1365					
Report Date & Status								
Monitoring eriod:	From 01/01/24 to 03/31/24	DMR Due Date:	04/28/24	Status:	NetDMR Validated	1		
Considerati ns for Form	Completion							
Principal Ex cutive Offic	er							
First Name:	Miranda	Title:	Environmental Engineer	Telephone:	240-521-8835			
Last Name	Schalk							
No Data Ino :ator (NODI)								
Form NODI								
rameter	Monitoring Location Season		Glianity or Londing	Quality or Concentration		# of E	x. Frequency of Analy	Sam & Type
Code Name		Qua	er 1 Value 1 Qualifier 2 Value 2 Units Coulifier 1 Value 1 = 7.8	Quartier 2 Value 2	Qualitier 3 Value 3	Under	2100 0 11	00.0040
00400 pH	1 - Effluent Gross 0	Permit Res. Value NOOI	- 7.6 Req Mon QRTR	MIN	8.0 Req Mon QRTR MAX	12 - SU 12 - SU	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
00530 Solids, total suspe	ended 1 - Effluent Gross 0	Sample Value NOD		= 20.7 Req Mon QRTR AVG		19 - mg/L 19 - mg/L	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
Submission Note								-
If a narameter my rices or	ot contain any values for the Sam	ple nor Effluent Trading, the	n none of the following fields will be submitted for that row	: Units. Number of Excursions. Fi	requency of Analysis, and S	emnia Tyna		
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EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the MPDES aftergraphing Heigo Dask for further guidance. Please note that EPA may contact you after you submit this report for more information.

Permit #:	MDG491385	Permittee:		BARDON, INC. (DBA AGGREGATE INDUSTRIES)	Facility:	ROCKVILLE QUARRY & RE	EADY MIX CONCRETE	
Major:	No	Permittee Address:		6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	Facility Location:	13900 PINEY MEETINGHO MONTGOMERY COUNTY ROCKVILLE, MD 20850	USE ROAD	
Permitted F ature:	001 External Outfall	Discharge:		001-E2 Storrnwater Benchmarks 15MM1385				
Report Date & Status								
Monitoring priod.	From 04/01/24 to 06/30/24	DMR Due Date:		07/28/24	Status:	NetDMR Validated		
Considerati ns for Form Co	ompletion							
SECTOR E ? GLASS, CLAY,	CEMENT, CONCRETE, AND GYPSU	M PRODUCTS						
Principal Excutive Officer								
First Name:	Miranda	Title:		Environmental Engineer	Telephone:	240-521-8835		
Last Name:	Schalk				The second second			
No Data Ind :ator (NODI)								
Form NODI:								
Parameter	Monitoring Location	Season # Param. NOD		Quantity or Leading	Quality or Concentration		of Ex Frequency of Analysis	Sample Tupe
					1 Qualitier 2 Value 2	Qualter 3 Value 3		GR - GRAB
Cade Nam			520001	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value		19 - ma/L	01/9D - Quarterly	
	anded 1 - Effluent Gross	0 -	Sample Permit Req.	Qualifier t Value 3 Qualifier 2 Value 2 Units Qualifier t Value		19 - mg/L 19 - mg/L	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB
00530 Solids, total suspension Note If a parameter row does not on	v. THU III	0	Permit Req.	elds will be submitted for that row: Units, Number of Excursions, Frequency	= 6.1 Req Mon QRTR AVG			
00530 Solids, total suspe	v144 mai		Permit Req.		= 6.1 Req Mon QRTR AVG			
Submission Note If a parameter row does not of Edit Check rrors No errors. Comments	v144 mai		Permit Req.		= 6.1 Req Mon QRTR AVG			
Submission Note If a parameter row does not of Edit Check rrors No errors.	ontain any values for the Sample nor E	Treding, then none of the	Permit Req.	elds will be submitted for that row: Units, Number of Excursions, Frequ	= 6.1 Req Mon QRTR AVG	19 - mg/L		
Submission Note If a parameter row does not of Edit Check rrors No errors. Comments Attachment	ontain any values for the Sample nor E		Permit Req.	elds will be submitted for that row: Units, Number of Excursions, Frequency	= 6.1 Req Mon QRTR AVG uency of Analysis, and Sample Type.	19 - mg/L	01/90 - Quarterly	
Solids, total suspension Note If a parameter row does not of Edit Check mors No errors. Comments Attachment	ontain any values for the Sample nor E	Treding, then none of the	Permit Req.	elds will be submitted for that row: Units, Number of Excursions, Frequ	= 6.1 Req Mon QRTR AVG	19 - mg/L	01/90 - Quarterly	
Submission Note If a parameter row does not of Edit Check mors No errors. Comments Attachment Attachment.pdf Report Last Saved By	contain any values for the Sample nor E	Treding, then none of the	Permit Req.	elds will be submitted for that row: Units, Number of Excursions, Frequency	= 6.1 Req Mon QRTR AVG uency of Analysis, and Sample Type.	19 - mg/L	01/90 - Quarterly	
Submission Note If a parameter row does not of Edit Check mors No errors Comments Attachment Attachment.pdf Report Last Saved By BARDON, If C. (DBA AGGF	contain any values for the Sample nor E	Muent Trading, then none of the	Permit Req.	elds will be submitted for that row: Units, Number of Excursions, Frequency	= 6.1 Req Mon QRTR AVG uency of Analysis, and Sample Type.	19 - mg/L	01/90 - Quarterly	
Submission Note If a parameter row does not of Edit Check mors No errors. Comments Attachment Attachment, pdf Report Last Saved By BARDON. If C. (DBA AGGE User:	contain any values for the Sample nor E	Muent Trading, then none of the same of th	Permit Req.	elds will be submitted for that row: Units, Number of Excursions, Frequency	= 6.1 Req Mon QRTR AVG uency of Analysis, and Sample Type.	19 - mg/L	01/90 - Quarterly	
Submission Note If a parameter row does not of Edit Check mors No errors Comments Attachment Attachment Last Saved By BARDON If C (DBA AGGI User: Name:	contain any values for the Sample nor E	Muent Trading, then none of the state of the	Permit Req.	elds will be submitted for that row: Units, Number of Excursions, Frequency	= 6.1 Req Mon QRTR AVG uency of Analysis, and Sample Type.	19 - mg/L	01/90 - Quarterly	
Solids, total suspension Note If a parameter row does not of Edit Check mors No errors Comments Attachment Attachment BARDON. If C. (DBA AGGE User: Name: E-Mail:	contain any values for the Sample nor E	muent Trading, then none of the state of the	Permit Req.	elds will be submitted for that row: Units, Number of Excursions, Frequency	= 6.1 Req Mon QRTR AVG uency of Analysis, and Sample Type.	19 - mg/L	01/90 - Quarterly	
Solids, total suspension Note If a parameter row does not of Edit Check rrors No errors. Comments Attachment Attachment Lest Saved By BARDON. It C. (DBA AGGE User: Name: E-Mail: Deta/Time:	contain any values for the Sample nor E	Muent Trading, then none of the state of the	Permit Req.	elds will be submitted for that row: Units, Number of Excursions, Frequency	= 6.1 Req Mon QRTR AVG uency of Analysis, and Sample Type.	19 - mg/L	01/90 - Quarterly	
Submission Note If a parameter row does not of Edit Check rrors No errors. Comments Attachment Attachment Last Saved By BARDON. If C. (DBA AGGF User: Name: E-Mail: Data/Time: Report Last Signed By	contain any values for the Sample nor E REGATE INDUSTRIES)	muent Trading, then none of the state of the	Permit Req.	elds will be submitted for that row: Units, Number of Excursions, Frequency	= 6.1 Req Mon QRTR AVG uency of Analysis, and Sample Type.	19 - mg/L	01/90 - Quarterly	
Solids, total suspension Note If a parameter row does not of Edit Check rrors No errors. Comments Attachment Attachment Lest Saved By BARDON. It C. (DBA AGGE User: Name: E-Mail: Deta/Time:	contain any values for the Sample nor E	Muent Trading, then none of the state of the	Permit Req.	elds will be submitted for that row: Units, Number of Excursions, Frequency	= 6.1 Req Mon QRTR AVG uency of Analysis, and Sample Type.	19 - mg/L	01/90 - Quarterly	
Submission Note If a parameter row does not of Edit Check mors No errors. Comments Attachment Attachment Lett Saved By BARDON. If C (DBA AGGE User: Name: E-Mall: Data/Time: Report Last Signed By User:	contain any values for the Sample nor E	Mischalk Mischalk Mischalk Mischalk Mischalk	Permit Req.	elds will be submitted for that row: Units, Number of Excursions, Frequency	= 6.1 Req Mon QRTR AVG uency of Analysis, and Sample Type.	19 - mg/L	01/90 - Quarterly	

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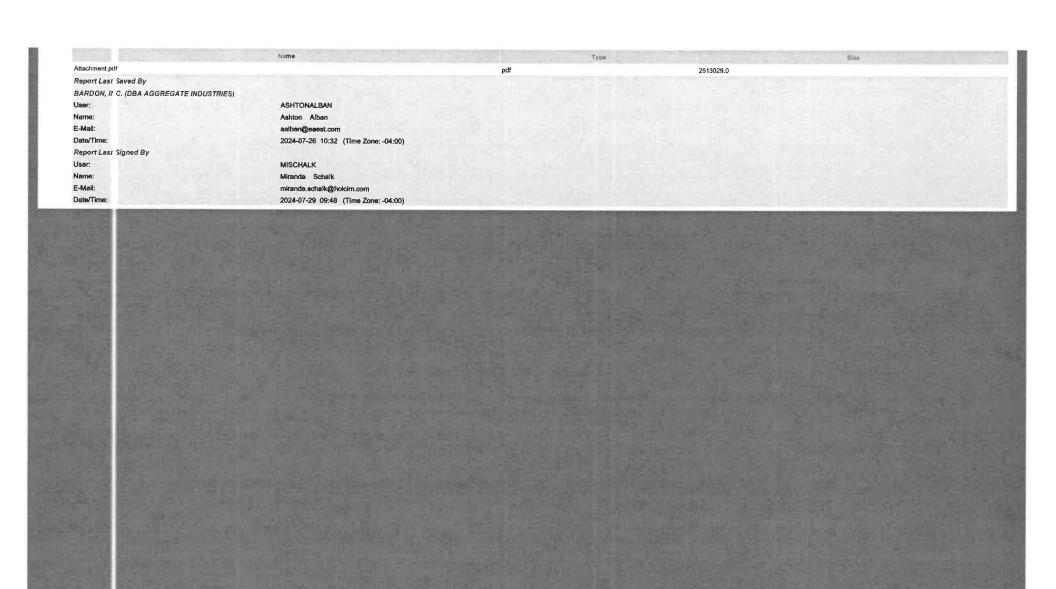
Permit																					
Permit #		MDG491365			Permitte	90:		BARD	ON, INC. (DBA AGGREG	ATE INDU	ISTRIES)		Fac	ility:		ROCKVILLE QUARRY & REA	DY MIX CO	NCRETE	
Major:		No			Permitte	e Addres	ss:	MONT	SOLDEN 1 GOMERY NBELT, M	RIANGLE DRIV COUNTY D 20770	Æ, SUITE	400			Fac	ility Loc	ation:	13900 PINEY MEETINGHOUS MONTGOMERY COUNTY ROCKVILLE, MD 20850	SE ROAD		
Permitted F atu	ıre:	001 External Outfi	all .		Dischar	ge:		001-E4 Waster		ent Limits 15M!	A1365										
Report Date &	Status																				
Monitoring eric	od:	From 04/01/2	4 to 04/30/24		DMR DL	e Date:		07/28/2	24						Stat	us:		NetDMR Validated			
Considerati ns	for Form Com	pletion																			
SECTOR E ? GL	ASS, CLAY, C	EMENT, CONC	RETE, AND GY	PSUM PRO	DUCTS																
Principal Execu	tive Officer																				
First Name:		Miranda			Title:			Enviro	nmental E	ngineer					Tele	phone:		240-521-8835			
Last Name:		Schalk																			
No Data Ind rate	or (NODI)																				
Form NODI:		-																			
Code	Parameter Hame		Monacring Locate	on Season	NODI		Qualifier	Value 1	Oval for		Un ts	Qualified	r Value 1	Qual. in	Value 2	Quality Quality	or Concentrate	Value 3	Unrts	F of Frequency of	Sample Typ
						Sample						=	8.01			=	8.01		12 - SU	01/30 - Monthly	GR - GRAB
00400 pH			1 - Effluent Gross	0	-	Per III						>=	6.0 DAILY MN			<=	9.0 DAILY MX		12 - SU	01/30 - Monthly	GR - GRAB
				_		Sample						=	8.01			-	8.01		12 - SU	01/30 - Monthly	GR - GRAB
00400 pH			1 - Effluent Gross	1	-	Permit Req.						>=	6.5 MO AV MN			<=	8.5 MO AVG		12 - SU	01/30 - Monthly	GR - GRAB
						Bemple									7.1	-	7.3		19 - mg/L	01/30 - Monthly	GR - GRAB
00530 Solids, t o	otal suspended		1 - Effluent Gross	0	-	Permit Req.								<=	30.0 MX MO AV	<=	60.0 DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB
03582 O lf and g	grease		1 - Effluent Gross	0	_	Sample Period Rec.										<=	15.0 DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB
					3	Value NODI											9 - Conditional I Period	Monitoring - Not Required This			
						Sample	= 20	016000.0	=	2016000.0	07 - gal/d									01/30 - Monthly	MS - MEASRD
50050 Flow. in o	conduit or thru	treatment	1 - Effluent Gross	0	-	Permit Ren		eq Mon MO VG		Req Mon DAILY MX	07 - gal/d									01/30 - Monthly	MS - MEASRD

Edit Check rrors

No errors.

Comments

Attachment



Edit Check rrors
No errors.
Comments
Attachment

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Permit #:	MDG491365			Permitte			BARDON II	NC. (DBA AGGREGA	TE INDU	STRIFS	n	le:	acility:		ROCKVILLE QUARRY & REA	DY MIX CON	CRETE	
Major:	No.				re. ee Address			EN TRIANGLE DRIVI					scility Loc	cation:	13900 PINEY MEETINGHOUS		JAG 16	
rujoi.					t Addition		MONTGOME	ERY COUNTY T, MD 20770	L, 0011L	400			Jointy Co.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	MONTGOMERY COUNTY ROCKVILLE, MD 20850	, L NOTE		
Permitted F ature:	001 External Out	fall		Discharg	ge:		001-E4 Wastewater	Effluent Limits 15MM	11365									
Report Date - & Status																		
Monitoring eriod:	From 05/01/	24 to 05/31/24		DMR Due	e Date:		07/28/24					S	tatus:		NetDMR Validated			
Considerati ns for Form Co.	mptetion																	
SECTOR E ? GLASS, CLAY, O	CEMENT, CON	CRETE, AND GY	PSUM PRO	ODUCTS														
Principal Executive Officer																		
First Name:	Miranda			Title:			Environment	tal Engineer				Te	elephone:		240-521-8835			
Last Name:	Schalk																	
No Data Ind :ator (NODI)																		
Form NODI:	4																	
Parameter Fode Name		Mondeting Locate	oc Sysson	Param. NOOI		Qualific V:		or Luading Hillier: Varue 2	Units	Qualifie	er Value 1 Op	zalifier Value 2		y or Concentration	Value 3		Frequency of Analysis	Samp - Type
					Sample					=	8.3		=	8.3		12 - SU	01/30 - Monthly	GR - GRAB
00400 pH		1 - Effluent Gross	0	-	Permit Aug.					>=	6.0 DAILY MN		<=	9.0 DAILY MX		12 - SU	01/30 - Monthly	GR - GRAB
				_	Sample:				-		8.3			8,3		12 - SU	01/30 - Monthly	GR - GRAB
00400 pH		1 - Effluent Gross	1	-	Permit Reg.					>=	6.5 MO AV MN		<z< td=""><td>8.5 MO AVG</td><td></td><td>12 - SU</td><td>01/30 - Monthly</td><td>GR - GRAB</td></z<>	8.5 MO AVG		12 - SU	01/30 - Monthly	GR - GRAB
				\neg	Swingle						-	7.75		8.1		19 - mg/L	01/30 - Monthly	GR - GRAB
00530 Solids, total suspende	ď	1 - Effluent Gross	0	-	Permit Reg. Value NOO						<=	30.0 MX MC AV	<=	60.0 DAILY MX		19 - mg/L	01/30 - Manthly	GR - GRAB
03582 Oli and grease		1 - Effluent Gross	0	_	Permit Res								<=	15.0 DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB
		01000		7	YANK NODE									9 - Conditional Period	Monitoring - Not Required This			
					Sample =	= 201600	00.0 =	2016000.0	07 - gal/d								01/30 - Monthly	MS - MEASRD
50050 Flow. In conduit or three plant	u treatment	1 - Effluent Gross	0	-	Permit Req.	Req Me AVG	ion MO	Req Mon DAILY MX	07 - gal/d								01/30 - Monthly	MS - MEASRD

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

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ermit ermit #	MDG491365			Permitte			ADDON IN	C. (DBA AGGREG	ATE INDI	IETDIFE			IFAA	ility:		ROCKVILLE QUARRY & REA	DV MIX CC	NCDET		
ermit #	MDG491365 No				ee Address	s: 6	401 GOLDE	N TRIANGLE DRI						ility Loc	ation:	13900 PINEY MEETINGHOUS MONTGOMERY COUNTY ROCKVILLE, MD 20850		JAUNE 1		
ermitted F ature:	001 External Outfi	ałł		Dischar	ge:		01-E4	Effluent Limits 15M	M1365							NOOKYILLE, ME 2000				
eport Date - & Status																				
onitoring eriod:	From 06/01/2	4 to 06/30/24		DMR DL	e Date:		7/28/24						Stat	tun		NetDMR Validated				
onsiderati ns for Form Cor	mpletion			1																
ECTOR E ? GLASS, CLAY, O	CEMENT, CON	RETE, AND GYPS	SUM PRO	DUCTS																
rincipal E> :cutive Officer																				
irst Name:	Miranda			Title:			nvironmenta	al Engineer					Tele	ephone:		240-521-8835				
ast Name:	Schalk			1.50																
lo Data Indicator (NODI)																				
orm NODI:	-																			
Dade Parameter Name		Monitoring Location	Season	NOD		Qualifier Val	Quantity of Qua		Unibs	Qualifie	r Value 1	Quelifier	Value 2	Quality Qualific	or Concentration er	Value 3	Units	Ex.	Frequency Analysis	Sample Fy
					Sample			-		=	8.3			=	8.3		12 - SU	01	/30 - Monthly	GR - GRAB
0400 pH		1 - Effluent Gross	0	-	Permit Req Value NOD					>=	6.0 DAILY MN			<=	9.0 DAILY MX		12 - SU	01	/30 - Monthly	GR - GRAB
					Sample					×	8.3			=	8.3		12 - SU	01	/30 - Monthly	GR - GRAB
0400 pH		1 - Effluent Gross	1	-	Permit Req.					>=	6.5 MO AV MN			<=	8,5 MO AVG		12 - SU	01	/30 - Monthly	GR - GRAB
					Sample							_	3.45	=	3.5		19 - ma/L	01	/30 - Monthly	GR - GRAB
0530 Solids, total suspender	d	1 - Effluent Gross	0	-	Permit Req.								30.0 MX MO AV	<=	60.0 DAILY MX		19 - mg/L	01	/30 - Monthly	GR - GRAB
3582 Oil and grease		1 - Effluent	0		Samole Permit									<=	15.0 DAILY MX		19 - mg/L	01	/30 - Monthly	GR - GRAB
		Gross			Value NODI										9 - Conditional Period	Monitoring - Not Required This				
					Sample =	1440000	.0 =	1440000.0	07 - gal/d									01	/30 - Monthly	MS - MEASRD
Flow, in conduit or thru plant	u treatment	1 - Effluent Gross	0	-	Permit Reg.	Req Mor AVG	МО	Req Mon DAIL) MX										01	/3D - Monthly	MS - MEASRD

Edit Check rrors
No errors
Comments
Attachment

	Name		Type		Size	
achment.pdf		pdf		2513029.0		
eport Last Saved By						
ARDON, IF C. (DBA AGGREGATE INDUSTRIES)						
ser:	ASHTONALBAN					
ame:	Ashton Alban					
Mail:	aalban@eaest.com					
ate/Time:	2024-07-26 10:36 (Time Zone: -04:00)					
eport Last Signed By						
ser.	MISCHALK					
ame:	Miranda Schalk					
Mail:	miranda.schalk@holcim.com					
ate/Time:	2024-07-29 09:56 (Time Zone: -04:00)					
THE R. P. LEWIS CO., LANSING, MICH.					Name and Address of the Owner, where	OF THE PERSON NAMED IN
CONTRACTOR DESCRIPTION AND ADDRESS OF THE PARTY OF THE PA						

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

Permit #	MDG491385	Permittee:	BARDON, INC. (DBA AGGREGATE INDUSTRIES)	Facility:	ROCKVILLE QUARRY & READY MIX CONCRETE
Major:	No	Permittee Address:	6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	Facility Location:	13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850
Permitted F ature:	001 External Outfall	Discharge:	001-E5 Wastewater Effluent Limits 15MM1365		
Report Date & Status					
Monitoring eriod:	From 04/01/24 to 04/30/24	DMR Due Date:	07/28/24	Status	NetDMR Validated
Considerati ns for Form	Completion				
SECTOR E ? GLASS, CLA	Y, CEMENT, CONCRETE, AND GY	PSUM PRODUCTS			
Principal E> cutive Office	nr .				
First Name:	Miranda	Title:	Environmental Engineer	Telephone:	240-521-8835
Last Name:	Schalk				
No Data Ind :ator (NODI)					
Form NODI:					
	amuthr 4	onitoring Location Season # Param. (400	Quantity or Loading		Quality or Concentration # of Ex. Frequency of A styles Samp Typ
Code	Name		Qualifier 1 Value 1 Qualifier 2 Value 2		Opposition 2 Value 2 Qualifier 2 Value 3 Units
			C 2040000 - 2040000 0		
50050 Flow in conduit of	r thru treatment plant 1 -	Effluent Gross 0 _	Sample = 2016000.0 = 2016000.0 Fig Rec Req Mon MO AVG Req Mon DAILY MX	07 - gal/d 07 - gal/d	01/30 - Monthly MS - MEASRD 01/30 - Monthly MS - MEASRD
Submission Note		Effluent Gross 0 –	Perwits Reg. Reg Mon MO AVG Reg Mon DAILY MX Vehics NODI	07 - gal/d	01/30 - Monthly MS - MEASRI
Submission Note			Fe Reg Mon MO AVG Reg Mon DAILY MX	07 - gal/d	01/30 - Monthly MS - MEASRD
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Permit #	MDG491365	Permittee:	BARDON, INC. (DBA AGGREGATE INDUSTRIES)	Facility:	ROCKVILLE QUARRY & READY MIX CONCRETE
Major:	No	Permittee Address:	8401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	Facility Location:	13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850
Permitted F ature:	001 External Outfall	Discharge:	001-E5 Wastewater Effluent Limits 15MM1385		
Report Date & Status					
Monitoring eriod:	From 05/01/24 to 05/31/24	DMR Due Date:	07/28/24	Status	NetDMR Validated
Considerati ns for Form	Completion				
SECTOR E ? GLASS, CLA	AY, CEMENT, CONCRETE, AND GYPSU	JM PRODUCTS			
Principal E> cutive Office	er				
First Name:	Miranda	Title:	Environmental Engineer	Telephone:	240-521-8835
Last Name:	Schalk				
No Data Ind :ator (NODI)					
Form NODI:					
		ring Location Season# Param. NODI	Guantity or Loading		y or Concentration of Ex. Frequency of Analysis Sample Ty
Code	Harre			Units Qualifier 1 Value 1 Qualifier 1 Value 1 Qualifier 1	er Valle 2 Qualifier 3 Valle 3 Units 01/30 - Monthly MS - MEASRE
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EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (EBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to essert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the NFDES_eReporting Help Desk for further guidance. Please note that EPA may contact you after you submit this report for more information.

Permit						
Permit #	MDG491365	Permittee:	BARDON, INC. (DBA AGGREGATE INDUSTRIES)	Facility:	ROCKVILLE QUARRY & READY MIX CONCRETE	
Major:	No	Permittee Address:	6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	Facility Location:	13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850	
Permitted F ature:	001 External Outfail	Discharge:	001-E5 Wastewater Effluent Limits 15MM1365			
Report Date & Status						
Monitoring erlod:	From 06/01/24 to 06/30/24	DMR Due Date:	07/28/24	Status.	NetDMR Validated	
Considerati ns for Form	Completion					
SECTOR E ? GLASS, CL	AY, CEMENT, CONCRETE, AND GYPS	UM PRODUCTS				
Principal E> cutive Office	er					
First Name:	Miranda	Title:	Environmental Engineer	Telephone:	240-521-8835	
Last Name:	Schalk					
No Data Ind :ator (NODI						
Form NODI:						
	arameter Mone	oring Location Susson# Farm. NO	Quantity or Louisia		Quanty or Concentration of Ex. Frequency of An	Sample Type
Code	Name		Qualifier 1 Value 1 Qualifier 2 Value 2	Units Qualifier 1 Value 1	Qualifier 2 Value 3 Qualifier 3 Value 3 Units	
				07	24.00 44 44	
Submission Vote		uent Gross 0 –	Semple	07 - gal/d 07 - gal/d	01/30 - Monthly 01/30 - Monthly	MS - MEASRD MS - MEASRD
Submission Vote			Semple = 1440000.0 = 1440000.0 Fermila Req Mon MO AVG Req Mon DAILY MX	07 - gal/d	01/30 - Monthly	
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Permit	MDG464267	1	DADGOV NO COLLABORROATE NOVOTRIES				
Permit#	MDG491365	Permittee:	BARDON, INC. (DBA AGGREGATE INDUSTRIES)	Facility:	ROCKVILLE QUARRY & READY M		
Major:	No	Permittee Address:	6401 GOLDEN TRIANGLE DRIVE, SUITE 400 MONTGOMERY COUNTY GREENBELT, MD 20770	Facility Location:	13900 PINEY MEETINGHOUSE RO MONTGOMERY COUNTY ROCKVILLE, MD 20850	DAD	
Permitted F ature:	001 External Outfall	Discharge;	001-E2 Stormwater Benchmarks 15MM1385				
Report Date & Status							
Monitoring erlod:	From 07/01/24 to 09/30/24	DMR Due Date:	10/28/24	Status	NetDMR Validated		
Considerati ns for Form	Completion	List - I i i i i i					
SECTOR E ? GLASS, CLA	Y, CEMENT, CONCRETE, AND GYPSUM	PRODUCTS					
Principal Ex cutive Office	B <i>r</i>						
First Name:	Miranda	Title:	Environmental Engineer	Telephone:	240-521-8835		
Last Name:	Schalk						
No Data Ind :ator (NODI)							
Form NODI:							
Parameter	Men loring Lauer.	Season# Param, NDDI	Quantity or Londing	Quality or Concentration	# of Ex	Frequency of America	Sample Type
W-4:	ime		Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value		Qualities 3 Value 3 Units		
Gode Na							
	4.50		mpl .	= 9.9 Per Mon OPTR AVG	19 - mg/L	01/90 - Quarterly	GR - GRAB
00530 Solids, total sus Submission Vote If a parameter row does no		0 Perm	int Req. NOD Rowing fields will be submitted for that row: Units, Number of Excursions, Fre	Req Mon QRTR AVG	19 - mg/L 19 - mg/L	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
00530 Solids, total sus Submission Note If a parameter row does no Edit Check rrors No errors. Comments		0 Perm	nt Reg. e NODI	Req Mon QRTR AVG			
00530 Solids, total sus Submission Note If a parameter row does no Edit Check rrors No errors.		0 Perm	nt Reg. e NODI	Req Mon QRTR AVG			
00530 Solids, total sus Submission Note If a parameter row does no Edit Check rrors No errors. Comments		0 Perm Value	nt Reg. e NODI	Req Mon QRTR AVG			
00530 Solids, total sus Submission Note If a parameter row does no Edit Check rrors No errors. Comments	t contain any values for the Sample nor Eff	0 Perm Value	nt Req. NOD: NOD: Nowing fields will be submitted for that row: Units, Number of Excursions, Fre	Req Mon QRTR AVG	19 - mg/L		
00530 Solids, total sus Submission Note If a parameter row does no Edit Check rrors No errors. Comments Attachment	t contain any values for the Sample nor Eff	0 Perm Value	at Req. $_{\rm eNOO}$ llowing fields will be submitted for that row: Units, Number of Excursions, Fre $_{\rm Type}$	Req Mon QRTR AVG	19 - mg/L		
Solids, total sus Submission Note If a parameter row does no Edit Check rrors No errors. Comments Attachment	t contain any values for the Sample nor Eff	0 Perm Value	at Req. $_{\rm eNOO}$ llowing fields will be submitted for that row: Units, Number of Excursions, Fre $_{\rm Type}$	Req Mon QRTR AVG	19 - mg/L		
Solids, total sus Submission Vote If a parameter row does no Edit Check rrors No errors. Comments Attachment Attachment.pdf Report Last Saved By	t contain any values for the Sample nor Eff Name SREGATE INDUSTRIES)	0 Perm Value	at Req. $_{\rm eNOO}$ llowing fields will be submitted for that row: Units, Number of Excursions, Fre $_{\rm Type}$	Req Mon QRTR AVG	19 - mg/L		
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Solids, total sus Submission Note If a parameter row does no Edit Check rrors No errors. Comments Attachment Attachment Attachment Last Saved By BARDON, If C. (DBA AGO User: Name: E-Mail: Date/Time: Report Last Signed By User:	t contain any values for the Sample nor Eff Name SREGATE INDUSTRIES) As As BB 20 M M	O — Permy Valuation of the following then none of the following the foll	nit Req. NODE Nowing fields will be submitted for that row: Units, Number of Excursions, Free Type pdf	Req Mon QRTR AVG	19 - mg/L		

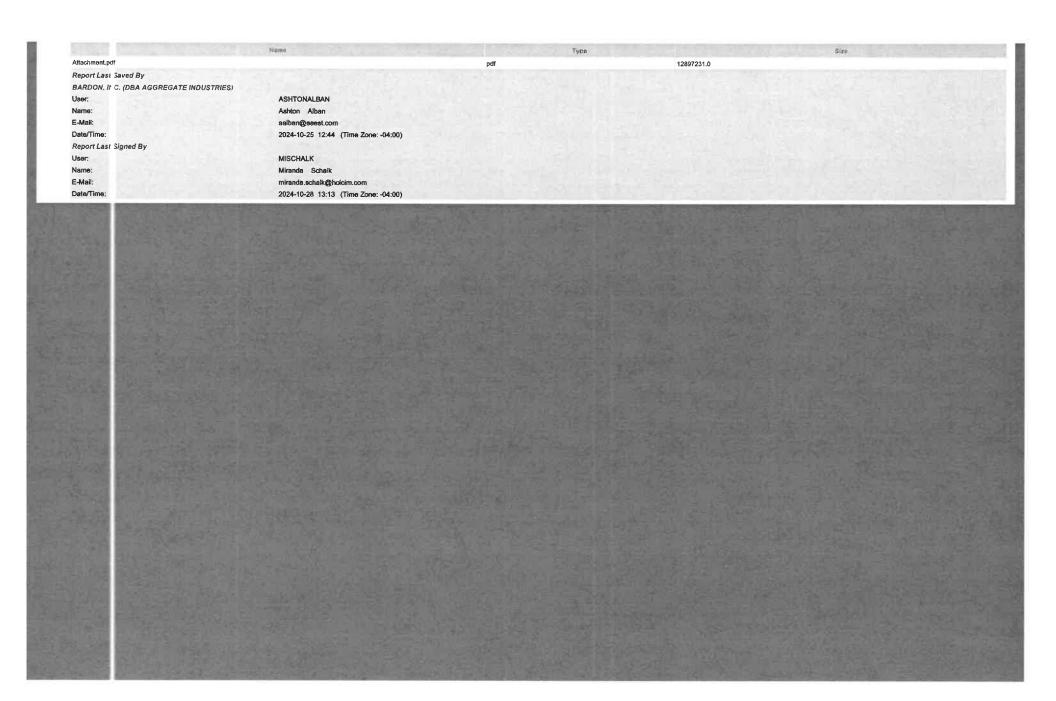
No errors.

Comments

Attachment

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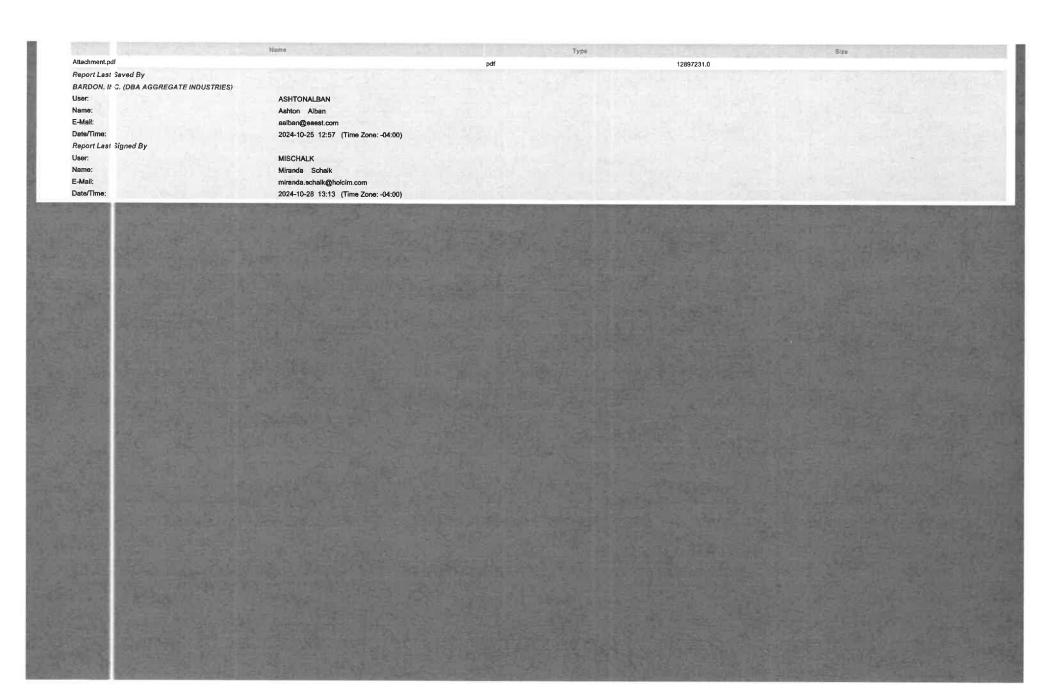
Permit #	MDG491365			Permitt	100:		BARDON,	INC. (DBA A	GGREGA	TE INDU	STRIES)		Fac	ility:		ROCKVILLE QUARRY & REA	DY MIX CO	CRETE	
lajor:	No			Permit	ee Addres	s:	MONTGON	DEN TRIANG MERY COUN LT, MD 2077	ITY	E, SUITE	400			Fac	ility Loc	ation:	13900 PINEY MEETINGHOUS MONTGOMERY COUNTY ROCKVILLE, MD 20850	SE ROAD		
ermitted F ature:	001 External Outfi	all		Discha	rge:		001-E4 Wastewate	r Effluent Lin	nits 15MM	1385										
Report Date & Status																				
lonitoring eriod:	From 08/01/2	4 to 08/31/24		DMR D	ue Date:		10/28/24							Stat	us:		NetDMR Validated			
Considerati ns for Form Con	nptetion																			
ECTOR E ? GLASS, CLAY, C	EMENT, CONC	CRETE, AND GYI	PSUM PRO	DUCTS																
rincipal Ex-cutive Officer																				
irst Name:	Miranda			Title:			Environme	ntal Engineer						Tele	phone:		240-521-8835			
ast Name:	Schalk														100					
lo Data Ind cator (NODI)																				
orm NODI:	-																			
Parameter Code Hame		Wande ing Loce"	on Sussem	Warani (OD)		Dualifier		ty or Liceding	Value 2	Units	Qualifier	Value 1	Qualif	Value 2	Qualify	or Concentration	Value 3	Units	# of Frequency of Ex. Analysis	Sample Typ
					Sample	10.4		2			-	8,4	2		2	8.4		12 - SU	01/30 - Monthly	GR - GRAB
00400 pH		1 - Effluent Gross	0	-	Permit Req.						>=	6.0 DAILY MN			<=	9.0 DAILY MX		12 - SU	01/30 - Monthly	GR - GRAB
					Sample					_	-	8.4	_		-	8.4		12 - SU	01/30 - Monthly	GR - GRAB
0400 pH		1 - Effluent Gross	1	-	Men.						>=	6,5 MO AV MN			<=	8.5 MO AVG		12 - SU	01/30 - Monthly	GR - GRAB
					Sample				_				9	23,5	-	24.0		19 -	01/30 - Monthly	GR - GRAB
00530 Solids, total suspended		1 - Effluent Gross	0	-	Pennit Res								<=	30.0 MX MO AV	<=	60.0 DAILY MX		mg/L 19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI															
3582 Oil and grease		1 - Effluent Gross	0	_	Permit Rep										<=	15.0 DAILY MX		19 - mg/L	01/30 - Monthly	GR - GRAB
		Gross			Value NODI											9 - Conditional Period	Monitoring - Not Required This			
					Sample	288	0000.0 =	28800	00.0	07 - gal/d									01/30 - Monthly	MS - MEASRD
Flow, in condult or thru	treatment	1 - Effluent	0	_	Permit	Rec	Mon MO	Req M	on DAILY	07 -									01/30 - Monthly	MS -
plant		Gross			Mire.	AVO	3	MX		gal/d									0 1/30 - MONINIY	MEASRD
					Value NOD							A.								



Edit Check rrors
No errors.
Comments
Attachment

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Permit																						
Permit #:		MDG491365	5		Permitt	ee:		BARDON.	, INC. (D	BA AGGREG	ATE IND	JSTRIES)		Fac	cility:		ROCKVILLE QUARRY & RE	ADY MIX C	ONCRE	TE	
Major:		No			Permitt	ee Addres	\$5:	6401 GOL MONTGO GREENBI	MERY C		Æ, SUITI	E 400			Fac	cility Loc	cation:	13900 PINEY MEETINGHOW MONTGOMERY COUNTY ROCKVILLE, MD 20850	USE ROAD			
Permitted	d Fature:	001 External Out	tfall		Dischar	rge:		001-E4 Wastewat	ter Efflue	nt Limits 15MI	A1365											
Report D	ate & Status																					
Monitorin	ng eriod:	From 09/01/	/24 to 09/30/24		DMR D	ue Date:		10/28/24							Sta	tus:		NetDMR Validated				
Consider	rati ns for Form Con	mpletion																Trouble Transcriptor				
SECTOR	E ? GLASS, CLAY, C	CEMENT, CON	NCRETE, AND GY	PSUM PRO	DOUCTS																	
Principal	E> cutive Officer																					
First Nam	ne:	Miranda			Title:			Environme	ental Eng	ineer					Tel	ephone:		240-521-8835				
Last Nam	ne:	Schalk																				
No Data I	Ind :ator (NODI)																					
Form NO	DI:	12																				
Code	Parameter Haine		Monstering become	on Eneson	NOD		Clarifier		Cualifier	Ong Value 3	thine	Qualifie	value 1	Qualifie	Value 2	Quality	y or Concentration	Value 3	Units	# of Ex.	Frequency of Analy	Sample Тур
						Sample						=	7.08	4		=	7.08		12 - SU		01/30 - Monthly	GR - GRAB
00400 р	Н		1 - Effluent Gross	0	-	Permit Per Value NOD						>=	6.0 DAILY MN			<=	9.0 DAILY MX		12 - SU		D1/30 - Monthly	GR - GRAB
						Sample			_			-	7.08	_		-	7.08		12 - SU		01/30 - Monthly	GR - GRAB
00400 p	н		1 - Effluent Gross	1		Permit Req						>=	6.5 MO AV			<=	8.5 MO AVG		12 - SU		01/30 - Monthly	GR - GRAB
			Giuss			Value NODE																
						Sample								_	3.1	=	3.2		19 -		01/30 - Monthly	GR - GRAB
00530 S	olids, total suspended	d	1 - Effluent	0	_	Perinit								<=	30.0 MX MQ	<=	60.0 DAILY MX		mg/L 19 -			
	-		Gross			Pen									AV	~-	60.0 DAILY MA		mg/L		01/30 - Monthly	GR - GRAB
						Visite NODI																
03582 O	til and grease		1 - Effluent	0	_	Permit										<=	15.0 DAILY MX		19 - mg/L		01/30 - Monthly	GR - GRAB
	and groups		Gross	Ü		Value NODI											9 - Conditional Period	Monitoring - Not Required This	ingic			
						Sample	= 3168	0.000 =	: 3	3168000.0	07 - gal/d									_	01/30 - Monthly	MS - MEASRD
	low, in conduit or thru lant	ı treatment	1 - Effluent Gross	0	-	Permit.	Req I AVG	Mon MO	5	Req Mon DAILY VIX	07 - gal/d										01/30 - Monthly	MS - MEASRD
						Value HOOI																



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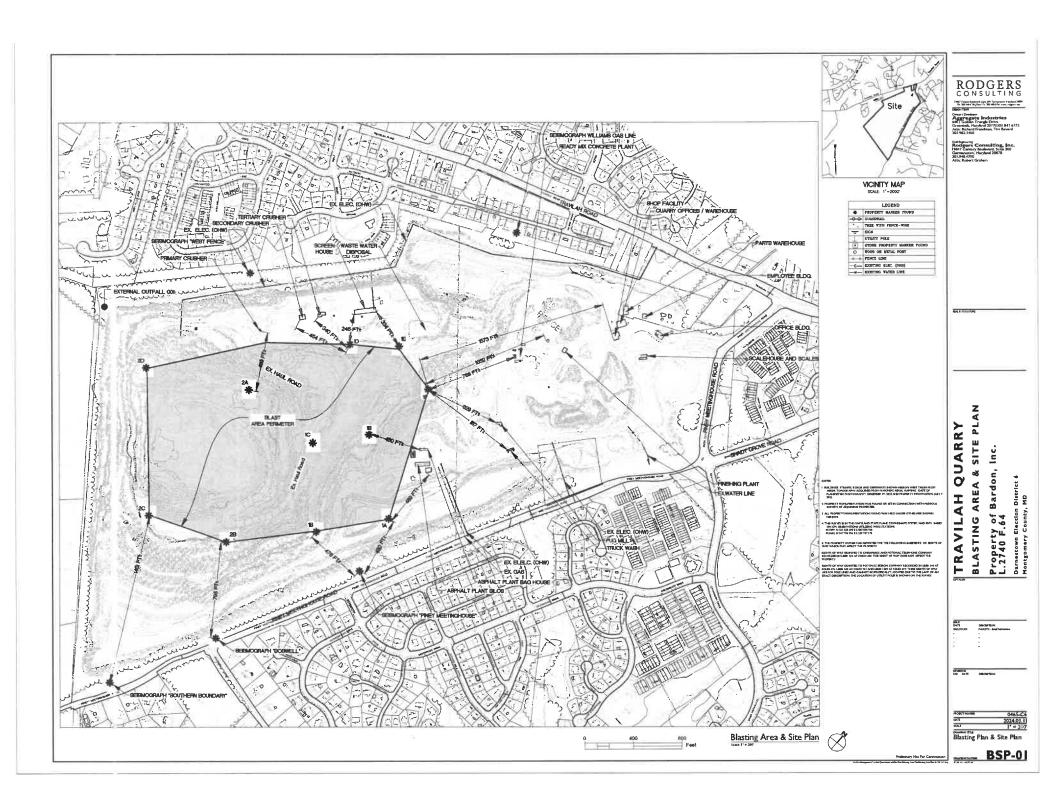
Permit #:	MDG491385	Permittee:	BARDON, INC. (DBA AGGREGATE INDU:	STRIES)	Facility:	ROCKVILLE QUARRY & READY MIX O	CONCRETE	
Major:	No	Permittee Address:	6401 GOLDEN TRIANGLE DRIVE, SUITE MONTGOMERY COUNTY GREENBELT, MD 20770	400	Facility Location:	13900 PINEY MEETINGHOUSE ROAD MONTGOMERY COUNTY ROCKVILLE, MD 20850		
Permitted F ature:	001 External Outfall	Discharge:	001-E5 Wastewater Effluent Limits 15MM1365					
Report Date & Status			President Emilian Exists (Own 1909)					
Monitoring sriod:	From 09/01/24 to 09/30/24	DMR Due Date:	10/28/24		Status	NetDMR Validated		
Considerati ns for Form	Completion				Dunius	THE SHIT THE STATE OF		
SECTOR E ? GLASS, CLA	Y, CEMENT, CONCRETE, AND GYPSUI	M PRODUCTS						
Principal E> cutive Offic								
First Name:	Miranda	Title:	Environmental Engineer		Telephone:	240-521-8835		
Last Name:	Schalk				Transpiration.	240 021 0000		
No Data Ind :ator (NODI)								
Form NODI:								
P/	rameter Monator	ing Location Season # Param, NOD	Quantity	or Loading	Quel	ty or Concentration # of E	Frequency of Assessment	Sample Typ
Code	Name					Ser 2 Value 2 Qualifier 3 Value 3 Units		
			Sample = 3168000.0 =	3168000.0 07 - g				MS - MEASRD
FOOSO Flow In academy	- at a a routing			Reg Mon DAILY MY 07 - o	al/d			
Submission Note If a parameter row does no Edit Check mors	or thru treatment plant 1 - Efflue 1 - Contain any values for the Sample nor El		Ferm: Rec Req Mon MO AVG Value NOO! wing fields will be submitted for that row: Units, NL	Req Mon DAILY MX 07 - g			01/30 - Monthly	MS - MEASI
Submission Note If a parameter row does no			Fermi: Rec Req Mon MO AVG				01/30 - Monthly	MS - MEASR
Submission Note If a parameter row does no Edit Check roors No errors.			Fermi: Rec Req Mon MO AVG				01/30 - Monthly	MS - MEASRD
Submission Note If a parameter row does no Edit Check rrors No errors. Comments		Tluent Trading, then none of the folio	Fermi: Rec Req Mon MO AVG			Size	U1/30 - Monthly	MS - MEASRD
Submission Note If a parameter row does no Edit Check rrors No errors. Comments	t contain any values for the Sample nor El	Tluent Trading, then none of the folio	Fermi: Rec Req Mon MO AVG	umber of Excursions, Frequency		Size	01/30 - Monthly	MS - MEASRD
Submission Note If a parameter row does no Edit Check rrors No errors. Comments Attachment	t contain any values for the Sample nor El	Tluent Trading, then none of the folio	Farms: Reg Reg Mon MO AVG Value ROOT wing fields will be submitted for that row: Units, No.	umber of Excursions, Frequency	of Analysis, and Sample Type.	Size	U1/30 - Monthly	MS - MEASRD
Submission Note If a parameter row does no Edit Check rrors No errors. Comments Attachment	t contain any values for the Sample nor El	Tluent Trading, then none of the folio	Farms: Reg Reg Mon MO AVG Value ROOT wing fields will be submitted for that row: Units, No.	umber of Excursions, Frequency	of Analysis, and Sample Type.	Size	01/30 - Monthly	MS - MEASRD
Submission Note If a parameter row does no Edit Check rrors No errors. Comments Attachment Attachment.pdf Report Last Saved By	A contain any values for the Sample nor El Nam GREGATE INDUSTRIES)	Tluent Trading, then none of the folio	Farms: Reg Reg Mon MO AVG Value ROOT wing fields will be submitted for that row: Units, No.	umber of Excursions, Frequency	of Analysis, and Sample Type.	Size	01/30 - Monthly	MS - MEASRD
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Submission Note If a parameter row does no Edit Check rrors No errors. Comments Attachment Attachment,pdl Report Last Saved By BARDON. If S. (DBA AG) User: Name:	Nam REGATE INDUSTRIES) A A	Tiluent Trading, then none of the folio e SHTONALBAN shton Alban	Farms: Rec Req Mon MO AVG Value NOOL wing fields will be submitted for that row: Units, Nu	umber of Excursions, Frequency	of Analysis, and Sample Type.	Size	01/30 - Monthly	MS - MEASRD
Submission Note If a parameter row does no Edit Check rrors No errors. Comments Attachment Attachment,pdf Report Last Saved By BARDON. If S. (DBA AGG User: Name:	Nam REGATE INDUSTRIES) A A	Tiuent Trading, then none of the folio e shtronalban shton Alban alban@eaest.com	Farms: Rec Req Mon MO AVG Value NOOL wing fields will be submitted for that row: Units, Nu	umber of Excursions, Frequency	of Analysis, and Sample Type.	Size	01/30 - Monthly	MS - MEASRD
Submission Note If a parameter row does no Edit Check rrors No errors. Comments Attachment Attachment Report Last Saved By BARDON. If C. (DBA AG) User: Name: E-Mail: Date/Time:	R contain any values for the Sample nor El Nam SREGATE INDUSTRIES)	Tiuent Trading, then none of the folio e shtronalban shton Alban alban@eaest.com	Farms: Rec Req Mon MO AVG Value NOOL wing fields will be submitted for that row: Units, Nu	umber of Excursions, Frequency	of Analysis, and Sample Type.	Size	01/30 - Monthly	MS - MEASRD
Submission Note If a parameter row does no Edit Check rrors No errors. Comments Attachment Attachment,pdf Report Last Saved By BARDON, If S. (DBA AGG User: Name: E-Mail: Date/Time: Report Last Signed By	Name (A contain any values for the Sample nor Electronic Sample no	ENHTONALBAN Shton Alban alban@seset.com	Farms: Rec Req Mon MO AVG Value NOOL wing fields will be submitted for that row: Units, Nu	umber of Excursions, Frequency	of Analysis, and Sample Type.	Size	01/30 - Monthly	MS - MEASRD
Submission Note If a parameter row does no Edit Check rrors No errors. Comments Attachment Attachment,pdf Report Last Saved By BARDON, If C. (DBA AGG User: E-Mail: Date/Time: Report Last Signed By User:	Name of the Sample nor Electric Sample nor Ele	ENTONALBAN Shton Alban alban@eaeet.com 024-10-25 12:55 (Time Zone: -04:0	Farms: Rec Req Mon MO AVG Value NOOL wing fields will be submitted for that row: Units, Nu	umber of Excursions, Frequency	of Analysis, and Sample Type.	Size	01/30 - Monthly	MS - MEASRD

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Permit #:							
· William W	MDG491365	Permittee:	BARDON, INC. (DBA AGGREGATE INDUSTRIES)	Facility:	ROCKVILLE QUARRY & READY	Y MIX CONCRETE	
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	ROAD	
Permitted F ature:	001 External Outfall	Discharge:	001-J1 Stormweter Benchmarks 15MM1365				
Report Date & Status							
Monitoring eriod:	From 07/01/24 to 09/30/24	DMR Due Date:	10/28/24	Status	NetDMR Validated		
Considerate ns for Form Co	ompletion						
MINERAL MINES AND DRES	SSING						
Principal E> cutive Officer							
First Name:	Miranda	Title:	Environmental Engineer	Telephone:	240-521-8835		
Last Name:	Schalk						
No Data Ind rator (NODI)							
Form NODI:							
Parameter	Monitoring Location	Season # Param. NOD	Quantity or Loading	Quality or Concentration	**	of Ex. Frequency of Assays	Sample Type
Code Name			Qualifier 1 Value 1 Qualifier 2 Value 2 Units Q Semale		Qualifier 3 Value 3 Units		
				= 9.9	19 - mg/L	01/90 - Quarterly	GR - GRAB
00530 Solids total suspe	nded FG - Effluent Groce		rmis Para	Reg Mon QRTR AVG	19 - ma/L	01/90 - Quarterly	GR - GRAB
		0 - Per		Reg Mon QRTR AVG cursions, Frequency of Analysis, and Sample Type.	19 - mg/L	01/90 - Quarterly	GR - GRAB
Submission Note		0 - Per	27918 Pilitiq Jue NOC		19 - mg/L	01/90 - Quarterly	GR - GRAB
Submission Note If a parameter row does not o		0 - Per	27918 Pilitiq Jue NOC		19 - mg/L	01/90 - Quarterly	GR - GRAB
Submission Note If a parameter row does not of Edit Check mors No errors. Comments		0 - Per	27918 Pilitiq Jue NOC		19 - mg/L	01/90 - Quarterly	GR - GRAB
Submission Note If a parameter row does not o Edit Check rrors No errors.	ontain any values for the Sample nor Effi	0 — Per Val uent Trading, then none of the foll	rous Plans, lise NOU low NOU live Nounder of Ex	cursions, Frequency of Analysis, and Sample Type.		01/90 - Quarterly	GR - GRAB
Submission Note If a parameter row does not of Edit Check mors No errors. Comments Attachment		0 — Per Val uent Trading, then none of the foll	rout Resq. lise NOU! Illowing fields will be submitted for that row: Units, Number of Ex	cursions, Frequency of Analysis, and Sample Type.	19 - mg/L	01/90 - Quarterly	GR - GRAB
Submission Note If a parameter row does not o Edit Check rrors No errors. Comments Attachment	ontain any values for the Sample nor Effi	0 — Per Val uent Trading, then none of the foll	rous Plans, lise NOU low NOU live Nounder of Ex	cursions, Frequency of Analysis, and Sample Type.		01/90 - Quarterly	GR - GRAB
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EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the NPDES effecting their Desk for further guidance. Please note that EPA may contact you after you submit this report for more information.

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Monitoring eriod:	From 07/01/24	to 09/30/24		DMR Due	Date:	10/28/24		Status:		NetDMR Validated			
Considerati ns for Form	Completion												
Principal Executive Office	r												
First Name:	Miranda			Title:		Environmental Engi	neer	Telephone		240-521-8835			
Last Name:	Schalk			100									
No Data Ind :ator (NODI)													
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Parimoter		num Location	Season #	Param. NODA		Quantity or Loadin		Quality or Con-	ntration		a.	of Ex. Frequency at Analysis	Sample Type
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Holcim-MAR produces high quality construction aggregates for the Washington Metropolitan area. As part of our ongoing commitment to the environment and the neighboring community, the Travilah Quarry has instituted a program that uses an Environmental Management System that tracks environmental performance standards. The Environmental Management System assists quarry management in tracking performance and achieving environmental performance goals. As part of the overall goals for the Travilah Quarry particulate control measures are reviewed periodically and improvements are made to achieve higher standards over time. The following is a listing of the measures utilized at the quarry to address particulate matter suppression.

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

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

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

In 2024, the quarry has been focused on environmental improvements to the current operational plan and has instituted an effort termed the Track Out and Dust Reduction Initiative. This initiative has two focus categories. The first is reducing fugitive dust emissions during the crushing and screening process throughout the plant footprint. The material process flow diagram was analyzed and all transfer points have been assessed regarding the efficiency of the control measure in place. Any control device that required maintenance or replacement has received proper maintenance attention. In addition, all of the pneumatic dust collectors throughout the process have been serviced and/or upgraded to be sure the units are performing at maximum capacity. The dust collector initiative is currently 95% complete and will be completed by the end of 2025. Secondly, during the fall of this year the internal exit haul road has been improved to enhance the effectiveness of the truck wash system and improve truck cleanliness when exiting the quarry. This initiative is larger in scope as it required site engineering and planning to achieve the desired result. The upper quarry drainage patterns have been studied and drainage improvements are underway to control where the water drains to be sure it does not conflict with vehicular traffic. The quarry exit road between the truck wash and scaling area is now complete and has been reconfigured and rebuilt including new pavement as an additional measure to maximize the reduction of potential track out. Both of these projects are part of our effort for to reduce the overall fugitive dust impact and to improve the environmental footprint for the quarry operation.

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



CERTIFICATE OF LIABILITY INSURANCE

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

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

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on

this certificate does not confer rights to the certificate holder in lieu of such endors	ement(s).			
PRODUCER	CONTACT NAME:			
Aon Risk Services Southwest, Inc. Houston TX Office	PHONE (A/C. No. Ext):	(866) 283-7122	FAX (800) 363-01	.05
1300 Post Oak Blvd., Suite 1400 Houston TX 77056 USA	E-MAIL ADDRESS:			
		INSURER(S) AFFORDING COVE	ERAGE	NAIC#
INSURED	INSURER A:	Indemnity Insurance Co	of North America	43575
Holcim - MAR, Inc. 6211 Ann Arbor Road	INSURER B:	ACE Fire Underwriters	Insurance Co.	20702
Dundee MI 48131 USA	INSURER C:	ACE American Insurance	Company	22667
	INSURER D:	American Guarantee & L	iability Ins Co	26247
	INSURER E:			
	INSURER F:			

COVERAGES	CERTIFICATE NUMBER:	570109777033	REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL	ŞUBR	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	own are as requested
C	X COMMERCIAL GENERAL LIABILITY	INSU	WVD	HD0G4893867A		10/01/2025	EACH OCCURRENCE	\$10,000,000
	CLAIMS-MADE X OCCUR				500000000 40	7810 385 743	DAMAGE TO RENTED PREMISES (Ea occurrence)	\$10,000,000
							MED EXP (Any one person)	\$5,000
							PERSONAL & ADV INJURY	\$10,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	\$20,000,000
	X POLICY PRO- JECT LOC						PRODUCTS - COMP/OP AGG	\$20,000,000
	OTHER:				1			
С	AUTOMOBILE LIABILITY			ISA H11364421	10/01/2024	10/01/2025	COMBINED SINGLE LIMIT (Ea accident)	\$10,000,000
۱.	X ANY AUTO			Auto - (AOS) ISA H11364470	10/01/2024	10/01/2025	BODILY INJURY (Per person)	
	SCHEDULED			Auto - (NH) - \$50K CSL	,,		BODILY INJURY (Per accident)	
	AUTOS ONLY HIRED AUTOS NON-OWNED						PROPERTY DAMAGE (Per accident)	
	ONLY AUTOS ONLY						(Caratana)	
В	X UMBRELLA LIAB X OCCUR			AUC014440108	10/01/2024	10/01/2025	EACH OCCURRENCE	\$5,000,000
	EXCESS LIAB CLAIMS-MADE			SIR applies per policy ter	ms & condi	tions	AGGREGATE	\$5,000,000
	DED X RETENTION							
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			WLRC72608185	10/01/2024	10/01/2025	X PER STATUTE OTH-	
В	ANY PROPRIETOR / PARTNER /	N/A		WC - AOS SCFC72608227	10/01/2024	10/01/2025	E.L. EACH ACCIDENT	\$1,000,000
ľ	(Mandatory in NH)	N/A		WC - Retro (WI)	10,01,2011	10,01,1023	E.L. DISEASE-EA EMPLOYEE	\$1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE-POLICY LIMIT	\$1,000,000
-			_					

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

CER	HIFICAL	HOLDER

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Aon Prisk Sorvices Southwest Inc.

Montgomery County-Dept. of Environmental Protection Attn: Steve Martin 2425 Reedie Drive, 5th Floor Wheaton MD 20902 USA

PERFORMANCE BOND FOR QUARRY LICENSE

KNOW ALL MEN BY THESE PRESENTS, THAT WE Bardon, Inc. dbs
Aggregate Industries hereinafter called Permittee, and
Western Surety Company a corporation incorporated
under the laws of the State of South Dakota and authorized to do
business in the State of Maryland, hereinafter called Surety are held and
firmly bound unto Montgomery County, Maryland, in the full an just sum of
One Hundred Thousand Seven Hundred Pollars, lawful money of the United States
of America, to be paid to the said Montgomery County, Maryland, or its assigns,
to which payment well and truly to be made and done, we bind ourselves, our
heirs, executors, administrators and successors, jointly and severally, firmly
by these present. ****thirty Five and no/100 (\$100,735.00)
Sealed with our respective seals and dates this 6th day of January,
20 <u>11</u> .
WHEREAS, the above named Permittee has received approval by Montgomery
County Maryland, hearing date of on his application
No for a license from Montgomery County for the operation of a quarry
leasted at: 1300 Piney Meeting House Road, Rockville
Subdivision in Montgomery County
Maryland, as more fully described in the approved application no.
E

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

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

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

CCE/PP-1408p

ATTEST:	Bardon, Inc. dba Aggregate Industries
	Signature Owner/Authorized Agent
	(Corporation name, if Applicable)
Mitte Suntay	- Dep PDR-
Corp. Sec. of Asst. Sec. (Signature)	Corp. Pres. or Vice President. (Signature)
ALAN PAPERNY Print Name	Print Name (Corp. Pres., Vice Pres. or Owner/Authorized Agent
	Western Surety Company
Witness	Print Name (Bonding Company)
Countersigned by:	Attorney-in-Fact (Signature)
No Longer Required	
	Stephanie Garahana
	Print Name

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

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

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

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

- In Unlimited Amounts -

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

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

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

WESTERN SURETY COMPANY

Paul & Bruflat, Senior Vice President

State of South Dakota County of Minnehaha

55

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

My commission expires

November 30, 2012



D. Krell, Notary Publi

CERTIFICATE



WESTERN SURETY COMPANY

L. Nelson, Assistant Secretary

VERIFICATION OF BOND IN FORCE Form SB-3

Type of Bond: Reclamation Bond

Name of Principal: BARDON, INC.

Obligee: MONTGOMERY COUNTY, MARYLAND Carrier: WESTERN SURETY COMPANY Bond Number: 929517725 Effective Date: January 6, 2025 Limit: \$ 100,735.00 Premium: \$ 504.00 This Bond is continuous with no definite expiration date. Sufficient Premium has been paid to satisfy the requirements of the Carrier for this bond to January 6, 2026 WESTERN SURETY COMPANY Lisa A. Ward Attorney in Fact Date: 12/17/2024



Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

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

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

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

- In Unlimited Amounts -

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

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

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

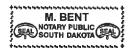
WESTERN SURETY COMPANY

State of South Dakota
County of Minnehaha

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

My commission expires

March 2, 2026



M. Bent

M. Bent, Notary Public

CERTIFICATE

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



WESTERN SURETY COMPANY

Paula Kolsrud, Assistant Secretary

Authorizing By-Laws and Resolutions

ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY

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

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

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

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

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

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



DEPARTMENT OF PERMITTING SERVICES

Marc Elrich County Executive

Rabbiah Sabbakhan Director

SEDIMENT CONTROL PERMIT

Issue Date: 08/01/2001

Permit No: 203770

Expires: 08/01/2030

Ref. No:

ID: AC569139

THIS IS TO CERTIFY THAT:

BARDON, INC - ATTN: RICHARD FREEDMAN

6401 GOLDEN TRIANGLE DR, SUITE 400

GREENBELT, MD 20770

HAS PERMISSION TO:

DISTURB

0 PREV. AAP'D

PURPOSE:

REVISION

PERMIT CONDITIONS:

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

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

PREMISE ADDRESS:

TRAVILAH QUARRY @ PINEY MEETINGHOUSE RD.

POTOMAC

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

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

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

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

LOT - BLOCK: -

ZONE:

ELECTION DISTRICT:

BOND NO .:

BOND TYPE:

PS NUMBER:

PERMIT FEE: \$ 30,162.66

SUBDIVISION: TRAVILAH QUARRY

Director, Department of Permitting Services

Holcim - Rockville Quarry - December 2023 Blast Locations





Seismograph Marker, Letter corresponds to seismograph letter on report



Shot Location; Number corresponds to shot number on report

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

SITE NAME:

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

BLAST COMPANY:	Dyno Nobel North America
MONTH / YEAR:	— Dec-23

Holcim - Rockville

DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
12/5/2023 10:59am	31-23	Level 5, Hole depth 37-47 feet	39.07733N, -77.22497W	Cloudy, 42.46 degrees F	No complaints	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,705	19.2/17.9/27.8	0.033/0.028/0.020	112.3
		B. Piney Meetinghouse	887	29.4/22.7/41.7	0.318/0.133/0.203	116.6
		C. West Fence	1,775	N/A	<0.02	<120
		D. Williams Gasline	2,297	N/A	<0.02	<120
		E. Southern Boundary	2,904	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,397	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,580	N/A	<0.02	<124
		H. 13211 Valley Drive	7,735	N/A	<0.02	<124

^{*}Highlight HIGHEST recorded ground vibration and air blast that the 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.

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

^{**}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.

vidual Shot Blast Repor	t	MDE-BLAST-REPORT
SITE NAME:	Holcim - Rockville	Check Box if No Blasting Occurred During the Month Reporting
BLAST COMPANY:	Dvno Nobel North America	

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

Holcim - Rockville Quarry - January 2024 Blast Locations







MDE	BI	CT.	DED	OPT
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Check Box if No Blasting Occurred During the Month

Reporting

SITE NAME:	Holcim - Rockville	
BLAST COMPANY:	Dyno Nobel North	
MONTH / YEAR:	- Jan-24	

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

^{*}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.

H. 13211 Valley Drive

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<124

Check Box if No Blasting Occurred During the Month

< 0.02

SITE NAME: BLAST COMPANY:		Holcim - Rockville Dyno Nobel North			Check Box if No Blasting Occurred Dui Reporting	ing the Month
MONTH /	YEAR:	Jan-24				
DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
1/23/2024 10:49am	02-24	Level 5, Hole depth 37 feet	39.07733N, -77.22497W	Cloudy, 33.46 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		SEISMOGRAPH ID A. Boswell			GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
			LOCATION (ft)	[LONG / TRANS /VERT]		` '
		A. Boswell	LOCATION (ft) 1,705	[LONG / TRANS /VERT] N/A	<0.02	<120
		A. Boswell B. Piney Meetinghouse	1,705 887	[LONG / TRANS /VERT] N/A 27.8/26.3/38.5	<0.02 0.185/0.100/0.117	<120 103.4
		A. Boswell B. Piney Meetinghouse C. West Fence	1,705 887 1,775	[LONG / TRANS /VERT] N/A 27.8/26.3/38.5 N/A	<0.02 0.185/0.100/0.117 <0.02	<120 103.4 <120
		A. Boswell B. Piney Meetinghouse C. West Fence D. Williams Gasline	1,705 887 1,775 2,297	[LONG / TRANS /VERT] N/A 27.8/26.3/38.5 N/A N/A	<0.02 0.185/0.100/0.117 <0.02 <0.02	<120 103.4 <120 <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

7,735

^{**}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.

Holcim - Rockville Quarry - February 2024 Blast Locations







Holcim - Rockville Quarry - February 2024 Blast Locations Up Close







MDE-BLAST-REPORT

Check Box if No Blasting Occurred During the Month

Reporting

Holcim - Rockville Dyno Nobel North

BLAST COMPANY: MACHITH / VEAR

MONTH /	YEAR:	Feb-24				
DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
2/2/2024 11:05am	03-2024	Level 5, Hole depth 37 feet	39.07705N, -77.22473W	Cloudy, 44.83 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,599	11.9/13.2/10.9	0.028/0.028/0.018	106.4
		B. Piney Meetinghouse	792	21.7/26.3/33.3	0.383/0.340/0.230	110.1
		C. West Fence	1,878	N/A	<0.02	<120
		D. Williams Gasline	2,405	N/A	<0.02	<120
		E. Southern Boundary	2,816	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,473	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,699	N/A	<0.02	<124
		H. 13211 Valley Drive	7,645	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.

IVIDE-BLAST-KEPUKT
Check Box if No Blasting Occurred During the Month Reporting

MADE OF ACT DEDOOT

SITE	NAME:

Holcim - Rockville Dyno Nobel North

BLAST COMPANY:

MONTH /	YEAR:	Feb-24				
DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
2/14/2024 11:32am	04-24	Level 5, Hole depth 37 feet	39.076111N, -77.225556W	Sunny, 42 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,287	N/A	<0.02	<120
		B. Piney Meetinghouse	1,011	21.7/22.7/33.3	0.193/0.090/0.100	110.1
		C. West Fence	1,857	33.3/38.5/38.5	0.022/0.020/0.013	117.6
		D. Williams Gasline	2,735	N/A	<0.02	<120
		E. Southern Boundary	2,440	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,309	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,552	N/A	<0.02	<124
		H. 13211 Valley Drive	7,804	N/A	<0.02	<124

^{*}Highlight HIGHEST recorded ground vibration and air blast that the 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.

MDF-	RI I	1 ST.	RF	PN	RT

Check Box if No Blasting Occurred During the Month

Reporting

SITE	NAME:
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Holcim - Rockville Dyno Nobel North

BLAST COMPANY:

Feb-24

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

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

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

Holcim - Rockville Quarry - March 2024 Blast Locations







Holcim - Rockville Quarry - March 2024 Blast Locations Close Up







	ML)E-B	LAS	T-RE	PORT	-
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SITE NAME:		Check Box if No Blasting Occurred During the Month
	Holcim - Rockville	Reporting
BLAST COMPANY:	Dyno Nobel North	
MONTH / YEAR:	Mar-24	

DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
3/12/2024 10:21am	06-24	Level 5, Hole depth 15-37 feet	39.0766N, -77.2294W	Cloudy, 55.96 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,435	22.7/17.9/13.9	0.04/0.0475/0.03	106.7
		B. Piney Meetinghouse	675	21.7/26.3/27.8	0.608/0.200/0.218	111.3
		C. West Fence	2,035	N/A	<0.02	<120
		D. Williams Gasline	2,578	N/A	<0.02	<120
		E. Southern Boundary	2,675	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,588	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,801	N/A	<0.02	<124
		H. 13211 Valley Drive	7,519	N/A	<0.02	<124

^{*}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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Check Box if No Blasting Occurred During the Month

Reporting

SITE NAME:	
	Holcim - Rockville
BLAST COMPANY:	Dyno Nobel North
MONTH / YEAR:	Mar-24

MONTH /	YEAR:	Mar-24				
DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
3/22/2024 11:29am	07-24	Level 5, Hole depth 37 feet	39.07678N, -77.22458W	Sunny, 45 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,500	27.8/27.8/41.7	0.0425/0.0425/0.0225	107.8
		B. Piney Meetinghouse	732	21.7/25.0/41.7	0.370/0.225/0.245	109.4
		C. West Fence	1,959	N/A	<0.02	<120
		D. Williams Gasline	2,507	N/A	<0.02	<120
		E. Southern Boundary	2,728	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,528	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,734	N/A	<0.02	<124
		H. 13211 Valley Drive	7.582	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.

Holcim - Rockville Quarry - April 2024 Blast Locations







Holcim - Rockville Quarry - April 2024 Blast Locations Up Close







MDE-BLAST-	REPORT
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SITE NAME:	Holcim - Rockville		Check Box if No Blasting Occurred During the Month Reporting
BLAST COMPANY:	Dyno Nobel North		
MONTH / YEAR:	Apr-24		

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

C. West Fence

D. Williams Gasline

E. Southern Boundary

H. 13211 Valley Drive

F. 13603 Pine View Lane

G. 13611 Pine View Lane

840	<i>c n</i>		T 0	CD.	$\Delta \Delta T$
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SITE NA	ME:	Holcim - Rockville		i I	Check Box if No Blasting Occurred Dui Reporting	ring the Month
BLAST CON		Dyno Nobel North				
MONTH /	YEAR:	Apr-24			COMPLAINT DECEMED O	AULINADED OF
DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
4/10/2024 10:51am	09-24	Level 5, Hole depth 37 feet	39.076316N, -77.22445W	Cloudy, 62.94 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,331	31.2/35.7/31.2	0.05/0.0525/0.025	106.9
		B. Piney Meetinghouse	693	23.8/26.3/31.2	0.325/0.2/0.283	111

N/A

N/A

N/A

N/A

N/A

N/A

<0.02

< 0.02

< 0.02

< 0.02

< 0.02

< 0.02

2,073

2,679

2,571

2.594

2,818

7,512

^{*}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.

MDE-BLAST-REPORT

SITE NAME:	Holcim - Rockville	- 1	Check Box if No Blasting Occurred During the Month Reporting
BLAST COMPANY:	Dyno Nobel North		
MONTH / YEAR:	Apr-24		

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

H. 13211 Valley Drive

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COMPLAINT

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SITE NA	IPANY:	Holcim - Rockville Dyno Nobel North			Check Box if No Blasting Occurred Du Reporting	ing the Month
MONTH /	YEAR:	Apr-24				
DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO	NUMBER OF SEISMOGRAPHS

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

^{*}Highlight HIGHEST recorded ground vibration and air blast that the 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.

N/A

7,500

^{**}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.

Holcim - Rockville Quarry - May 2024 Blast Locations







	RT
Check Box if No Blasting Occurred During the Month Reporting	

SITE NAME:

Holcim - Rockville Dyno Nobel North

BLAST COMPANY: MONTH / VEAD.

MONTH /	YEAR:	May-24				
DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
5/6/2024 11:00am	12-2024	Level 5, Hole depth 60 feet	39.07943N, -77.22663W	Cloudy, 68 degrees F	One neighbor complained about the blast. Quarry management followed up with the complainant.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	2,535	N/A	<0.02	<120
		B. Piney Meetinghouse	1,683	31.2/25.0/35.7	0.11/0.0625/0.085	107.4
		C. West Fence	1,169	13.2/50.0/50.0	0.055/0.0475/0.0725	114.6
		D. Williams Gasline	1,553	27.8/41.7/83.3	0.095/0.115/0.080	101.3
		E. Southern Boundary	3,631	38.5/41.7/83.3	0.0225/0.0175/0.0175	104.7
		F. 13603 Pine View Lane	2,013	55.6/62.5/26.3	0.03/0.0375/0.0225	110.4
		G. 13611 Pine View Lane	2,073	45.5/45.5/83.3	0.02/0.035/0.0225	110.4
		H. 13211 Valley Drive	8,394	N/A	<0.02	<124

^{*}Highlight HIGHEST recorded ground vibration and air blast that the 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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Check Box if No Blasting Occurred During the Month

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0.03/0.015/0.0275

< 0.02

< 0.02

< 0.02

Reporting

NAME:

Holcim - Rockville Dyno Nobel North

BLAST COMPANY: MONTH / YEAR:

May-24

D. Williams Gasline

E. Southern Boundary

H. 13211 Valley Drive

F. 13603 Pine View Lane

G. 13611 Pine View Lane

DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
5/8/2024 10:49am	13-24	Level 4, Hole depth 37 feet	39.0763N, -77.2244W	Cloudy, 78.94 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,326	31.2/35.7/35.7	0.065/0.0675/0.0475	110.3
		A. Boswell B. Piney Meetinghouse	1,326 679	31.2/35.7/35.7 29.4/25.0/41.7	0.065/0.0675/0.0475 0.358/0.405/0.280	110.3 110.7

N/A

45.5/29.4/71.4

N/A

N/A

N/A

2,687

2,569

2,609

2,834

7,497

^{*}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.

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	MDE-BLAST-REPORT	
Check Box if No Blasting Occurred Duri	ing the Month	

SITE NAME

Holcim - Rockville

BLAST COMPANY:

Dyno Nobel North

<u>/ HTNC</u>	YEAR:	May	-2

DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
5/20/2024 12:20am	14-24	Level 4, Hole depth 13-40 feet	39.0764N, -77.22426W	Cloudy, 66.43 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,364	31.2/41.7/35.7	0.0475/0.045/0.0275	110.3
		B. Piney Meetinghouse	636	29.4/29.4/41.7	0.368/0.238/0.283	114.2
		C. West Fence	2,105	N/A	<0.02	<120
		D. Williams Gasline	2,656	N/A	<0.02	<120
		E. Southern Boundary	2,614	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,640	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,860	N/A	<0.02	<124
		H. 13211 Valley Drive	7,465	N/A	<0.02	<124

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.

Holcim - Rockville Quarry - June 2024 Blast Locations







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Check Box if No Blasting Occurred During the Month

Reporting

SITE NAME:	Holcim - Rockville
BLAST COMPANY:	Dyno Nobel North
MONTH / YEAR:	Jun-24

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

DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
6/19/2024 11:02am	16-24	Level 3, Hole depth 37 feet	39.076683N, -77.22423W	Sunny, 83.53 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,467	27.8/31.2/50.0	0.03/0.0225/0.0175	109.4
		B. Piney Meetinghouse	629	35.7/31.2/55.6	0.575/0.228/0.258	114.8
		C. West Fence	1,118	N/A	<0.02	<120
		D. Williams Gasline	1,620	N/A	<0.02	<120
		E. Southern Boundary	3,573	N/A	<0.02	<120
		F. 13603 Pine View Lane	1,950	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,019	N/A	<0.02	<124
		H. 13211 Valley Drive	7,478	N/A	<0.02	<124

^{*}Highlight HIGHEST recorded ground vibration and air blast that the 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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COMPLAINT RECEIVED &

SITE NAME:	Holcim - Rockville	Check Box if No Blasting Occurred During the Month Reporting
BLAST COMPANY:	Dyno Nobel North	
MONTH / YEAR:	Jun-24	

DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	TYPE / COMPANY RESPONSE TO COMPLAINT	SEISMOGRAPHS USED
6/24/2024 11:13am	17-24	Level 3, Hole depth 64 feet	39.07927N, -77.2268W	Sunny, 82.06 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	2,491	N/A	<0.02	<120
		B. Piney Meetinghouse	1,686	29.4/29.4/33.3	0.12/0.0825/0.08	112.4
		C. West Fence	1,118	29.4/71.4/21.7	0.0475/0.0375/0.055	115.4
		D. Williams Gasline	1,620	27.8/41.7/41.7	0.085/0.128/0.0874	104.4
		E. Southern Boundary	3,573	N/A	<0.02	<120
		F. 13603 Pine View Lane	1,950	55.6/19.2/33.3	0.025/0.02/0.015	112.2
		G. 13611 Pine View Lane	2,019	62.5/55.6/71.4	0.03/0.025/0.025	110.7
		H. 13211 Valley Drive	8.423	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.

Holcim - Rockville Quarry - July 2024 Blast Locations







Holcim - Rockville Quarry - July 2024 Blast Locations Up Close







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SITE NAME:	Holcim - Rockville	Check Box if No Blasting Occurred During the Month Reporting
BLAST COMPANY:	Dyno Nobel North	
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MDF-BLAST-REPORT

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

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

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

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Check Box if No Blasting Occurred During the Month

Reporting

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Holcim - Rockville Dvno Nobel North

BLAST COMPANY:

Jul-24

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

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Check Box if No Blasting Occurred During the Month

Reporting

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Holcim - Rockville Dyno Nobel North

BLAST COMPANY:

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

Check Box if No Blasting Occurred During the Month

Reporting

SITE NAME:	
	Halaina

BLAST COMPANY:

Holcim - Rockville Dyno Nobel North

MONTH / VEAD.

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

Holcim - Rockville Quarry - August 2024 Blast Locations







SITE NAME:			Check Box if No Blasting Occurred During the Month
	Holcim - Rockville	1_	Reporting
BLAST COMPANY:	Dyno Nobel North		•
MONTH / YEAR	Aug. 24		

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

SITE NAME:

Holcim - Rockville Dyno Nobel North

BLAST COMPANY:

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

^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.

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

Holcim - Rockville Quarry - September 2024 Blast Locations







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SITE NAME:	Holcim - Rockville	Check Box if No Blasting Occurred During the Month Reporting
BLAST COMPANY:	Dyno Nobel North	. Reporting
MONTH / YEAR:	Sep-24	

DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
9/3/2024 10:30am 24-24		Level 4, Hole depth 38 feet	39.07805N, -77.225W	Sunny, 70.14 degrees F	No complaints.	8
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,967	N/A	<0.02	<120
		B. Piney Meetinghouse	1,013	33.3/38.5/26.3	0.243/0.138/0.135	118.7
		C. West Fence	1,682	N/A	<0.02	<120
		D. Williams Gasline	2,034	31.2/33.3/21.7	0.0275/0.0325/0.02	101.8
		E. Southern Boundary	3,162	N/A	<0.02	<120
		F. 13603 Pine View Lane	2,384	N/A	<0.02	<120
		G. 13611 Pine View Lane	2,532	N/A	<0.02	<124
		H. 13211 Valley Drive	7 808	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.

Holcim - Rockville Quarry - October 2024 Blast Locations







MDE-BLAST-REPORT

SITE NAME:		Check Box if No Blasting Occurred During the Month
	Holcim - Rockville	Reporting
BLAST COMPANY:	Dyno Nobel North	
MONTH / VEAD.	0-4-24	

MOME	I EARL	UC1-24	•			
DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
10/2/2024 11:27am	25-24	Level 3, Hole depth 40-46 feet	39.077726N, -77.22516W	Cloudy, 64.76 degrees F	No complaints.	6
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,853	31.2/35.7/25.0	0.0275/0.0175/0.01	106.9
		B. Piney Meetinghouse	994	31.2/31.2/27.8	0.22/0.14/0.075	104.7
		C. West Fence	1,672	N/A	<0.02	<120
		D. Williams Gasline	2,149	N/A	<0.02	<120
		E. Southern Boundary	3,039	N/A	<0.02	<120
		F. 13611 Pine View Lane	2,501	N/A	<0.02	<124

^{*}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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SITE NAME:	Holcim - Rockville	Check Box if No Blasting Occurred During the Month Reporting
BLAST COMPANY:	Dyno Nobel North	
MONTH / YEAR:	Oct-24	

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

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Holcim - Rockville Dyno Nobel North

BLAST COMPANY:

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

Holcim - Rockville Quarry - November 2024 Blast Locations







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

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Holcim - Rockville Dyno Nobel North

BLAST COMPANY: MONTH / YEAR:

Nov-24

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

Individual Shot Blast Repoi	t	MDE-BLAST-REPORT
SITE NAME:	Holcim - Rockville	Check Box if No Blasting Occurred During the Month Reporting
BLAST COMPANY:	Dyno Nobel North	· ·
MONTH / YEAR:	Nov-24	

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

Individual Shot Blast Report	:	MDE-BLAST-REPORT
SITE NAME:	Holcim - Rockville	Check Box if No Blasting Occurred During the Month Reporting
BLAST COMPANY:	Dyno Nobel North	
MONTH / YEAR:	Nov-24	

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

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

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



Holcim - Rockville Quarry - December 2024 Blast Locations





MDE-BLAST-REPORT

Check Box if No Blasting Occurred During the Month

Reporting

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Holcim - Rockville Dyno Nobel North

BLAST COMPANY:

Dyno Nobel Noi

MONTH /	YEAR:	Dec-25				
DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
12/3/2024 11:27am	31-24	Level 4, Hole depth 72 feet	39.0777N, -77.225W	Cloudy, 35.83 degrees F	No complaints	6
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,840	31.2/41.7/13.2	0.06/0.045/0.0275	109.6
		B. Piney Meetinghouse	948	29.4/31.2/55.6	0.543/0.333/0.395	110.7
		C. West Fence	1,719	22.7/27.8/14.3	0.0225/0.0175/0.0175	123.7
		D. Williams Gasline	2,162	27.8/41.7/45.5	0.04/0.035/0.0225	107.4
		E. Southern Boundary	3,036	N/A	< 0.02	< 120
		F. 13611 Pine View Lane	2.548	35.7/35.7/83.3	0.015/0.02/0.0175	112.4

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

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

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

Check Box if No Blasting Occurred During the Month
Reporting

SITE NAME:	
BLAST COMPANY:	

Holcim - Rockville Dyno Nobel North

MONTH /	YEAR:	Dec-25				
DATE/TIME	^SHOT #	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
12/11/2024 1:06pm	32-24	Level 4, Hole depth 23-78 feet	39.0777N, -77.225W	. Cloudy, 35.83 degrees F	No complaints	6
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,840	25.0/35.7/20.8	0.0425/0.03/0.02	115.6
		B. Piney Meetinghouse	948	31.3/27.8/23.8	0.298/0.153/0.165	112.2
		C. West Fence	1,719	16.7/33.3/18.5	0.0225/0.0125/0.02	113.6
		D. Williams Gasline	2,162	18.5/18.5/21.7	0.03/0.0275/0.025	107.4
		E. Southern Boundary	3,036	N/A	< 0.02	< 120
		F. 13611 Pine View Lane	2,548	27.8/50.0/62.5	0.025/0.0125	109

^{*}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.

vidual Shot Blast Report		MDE-BLAST-REPORT
SITE NAME:	Holcim - Rockville	Check Box if No Blasting Occurred During the Month Reporting
BLAST COMPANY:	Dyno Nobel North	
MONTH / YEAR:	Dec-25	

MONTH /	YEAR:	Dec-25				
DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
12/17/2024 12:20pm	33-24	Level 4, Hole depth 72	39.077197N, -77.2253W	Cloudy, 56.08 degrees F	No complaints	6
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,667	10.4/10.0/13.9	0.0575/0.0575/0.04	98.1
		B. Piney Meetinghouse	970	21.7/23.8/29.4	0.5/0.24/0.185	109.4
		C. West Fence	1,701	12.2/71.4/14.3	0.025/0.0275/0.0275	115.8
		D. Williams Gasline	2,340	14.7/12.8/15.2	0.035/0.0325/0.0425	108.6
		E. Southern Boundary	2,841	31.2/10.6/17.9	0.025/0.0225/0.015	98.7
		F. 13611 Pine View Lane	2,491	N/A	< 0.02	< 120

^{*}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.



Holcim - Rockville Quarry - January 2025 Blast Locations





MDE-BLA	ST-REPORT
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Check Box if No Blasting Occurred During the Month

Reporting

SITE	NA	М	F٠

BLAST COMPANY:

Holcim - Rockville Dyno Nobel North

MONTH /	YEAR:	Jan-25				
DATE/TIME	^SHOT#	**LOCATION - SHOT	LAT / LONG - SHOT	WEATHER AT TIME OF SHOT	COMPLAINT RECEIVED & TYPE / COMPANY RESPONSE TO COMPLAINT	NUMBER OF SEISMOGRAPHS USED
01/31/2025 1:44pm	01-25	Level 4, Hole depth 72-75 ft	39.0774N, -77.224W Rainy, 49.46 degrees F No complaints		No complaints	6
		SEISMOGRAPH ID	DISTANCE FROM SHOT LOCATION (ft)	FREQ (Hz) [LONG / TRANS /VERT]	GROUND VIBRATIONS (in/sec)	AIR BLAST (db)
		A. Boswell	1,733 20.	20.8/27.8/13.9	0.0275/0.0375/0.02	100.9
		B. Piney Meetinghouse	647	19.2/26.3/31.2	0.27/0.203/0.213	109
		C. West Fence	2,022	13.5/35.7/17.9	0.0225/0.0175/0.015	113.8
		D. Williams Gasline	2,309	33.3/29.4/27.8	0.0275/0.0225/0.025	109.7
		E. Southern Boundary	2,986	N/A	< 0.02	< 120
		F. 13611 Pine View Lane	2,845	N/A	< 0.02	< 120

^{*}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.