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PERMITTEE

Vulcan Construction Materials, LLC
6311 East Sligh Avenue
Tampa, FL 33617

Air Permit No. 0571410-004-AO
Effective Date: March 17, 2017
Renewal Application Due Date: January 16, 2022
Expiration Date: March 17, 2022

Authorized Representative:
Norma Suarez, Vice President - Finance

Vulcan Materials Sligh Rail Yard
Hillsborough County, Florida

PROJECT

This is the final air operation permit, which authorizes the material handling operation at Vulcan Materials Sligh Rail Yard (Standard Industrial Classification No. 5032 – Brick, Stone and Related Construction Materials). This project is to renew the operating permit. The facility is located in Hillsborough County at 6311 East Sligh Avenue, Tampa, FL 33617. The UTM coordinates are Zone 17-363.90 kilometers (km) East and 3098.90 km North.

This final permit is organized into the following sections: Section 1 (General Information); Section 2 (Administrative Requirements); Section 3 (Emissions Unit Specific Conditions); and Section 4 (Appendices). Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

Permitting Authority: Applications for air operation permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4 and 62-210 of the Florida Administrative Code (F.A.C.). The Permitting Authority responsible for making a permit determination for this project is the Environmental Protection Commission of Hillsborough County. The Permitting Authority's physical and mailing address is: 3629 Queen Palm Dr., Tampa, Florida 33619. The Permitting Authority's telephone number is 813/627-2600.

Petitions. A person whose substantial interests are affected by the proposed decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Legal Department of the EPC at 3629 Queen Palm Drive, Tampa, Florida 33619, Phone 813-627-2600, Fax 813-627-2602. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this notice. Petitions filed by any other person must be filed within 14 days of receipt of this proposed action. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address and telephone number

of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when each petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and, (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available in this proceeding.

Effective Date: This permitting decision is final and effective on the date filed with the clerk of the Permitting Authority unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition pursuant to Rule 62-110.106, F.A.C., and the petition conforms to the content requirements of Rules 28-106.201 and 28-106.301, F.A.C. Upon timely filing of a petition or a request for extension of time, this action will not be effective until further order of the Permitting Authority.

Judicial Review: Any party to this permitting decision (order) has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Legal Department of the EPC at 3629 Queen Palm Drive, Tampa, Florida 33619, Phone 813-627-2600, Fax 813-627-2602, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Hillsborough County, Florida

Janet L. Dougherty
Executive Director

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Air Permit package was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested before the close of business on the date indicated below to the following persons.

Norma Suarez - Vulcan Materials (suarezn@vmcmail.com)
Roger Caldwell – Beatty Environmental Services (roger@beattyenv.com)
Adrienne Coppock - CYDI (adrienne.coppock@oldcastlematerials.com)

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

Jeannette Fugate 3/17/17
(Clerk) (Date)

FACILITY DESCRIPTION

The Vulcan Materials Sligh Rail Yard is a material handling facility. The facility handles and stores limestone and granite materials, which includes manufactured sand products. The materials are received by railcar and bottom unloaded into a receiving hopper. A railcar shaker is used to knock the material loose from the railcars in order to facilitate the unloading of the material into the receiving hopper. The materials from the receiving hopper are transferred to a stationary conveyor (36" x 66'), which transfers the material to a radial stacker belt conveyor and then onto a storage pile. Front-end loader(s) are used to transfer materials from pile to pile and to load the materials into a truck for transport off-site. The maximum transfer rate for each conveyor is 1,200 ton/hr at a belt speed of 400 ft/min.

Water is applied, as necessary, through the use of a water spray system. Also, the facility uses reasonable precautions to minimize particulate matter emissions.

The facility consists of the following emission unit and emission points.

Emission Unit (EU)	Emission Point (EP)	EU/EP Description
001		**Material Handling**
	1	Railcar to Hopper
	2	Hopper to Conveyor
	3	Conveyor to Radial Stacker Conveyor
	4	Radial Stacker Conveyor to Pile
	5	Pile to Pile
	6	Front-end Loader to Truck

APPLICABLE REGULATIONS

A summary of applicable regulations is shown in the following table.

Regulations	EU No.
Rule 62-296.320, F.A.C., General Pollutant Emission Limiting Standards	001
Chapter 1-3, Rules of the EPC	001

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility does not operate units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

SECTION 2. ADMINISTRATIVE REQUIREMENTS

FW1. Permitting Authority: The permitting authority for this project is the Environmental Protection Commission of Hillsborough County. The mailing address is 3629 Queen Palm Dr., Tampa, Florida 33619. All documents related to applications for permits to operate an emissions unit shall be submitted to the Environmental Protection Commission of Hillsborough County.

FW2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Environmental Protection Commission of Hillsborough County at: 3629 Queen Palm Dr., Tampa, Florida 33619.

FW3. Appendices: The following Appendices are attached as a part of this permit: Appendix A (Citation Formats and Glossary of Common Terms); Appendix B (General Conditions); Appendix C (Common Conditions); and Appendix D (Common Testing Requirements).

FW4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.

FW5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]

FW6. Modifications: No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the EPC. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]

FW7. Renewal. Prior to 60 days before the expiration date of this permit, the permittee shall apply for a renewal of the permit. A renewal application shall be timely and sufficient. If the application is submitted prior to 60 days before expiration of the permit, it will be considered timely and sufficient. If the renewal application is submitted at a later date, it will not be considered timely and sufficient unless it is submitted and made complete prior to the expiration of the operation permit. When the application for renewal is timely and sufficient, the existing permit shall remain in effect until the renewal application has been finally acted upon by the Environmental Protection Commission of Hillsborough County. [Rule 62-4.090, F.A.C.]

FW8. At least 15 days prior to the date on which each required emissions test is to begin, the owner or operator shall notify the air compliance program identified by permit, unless shorter notice is agreed to by the appropriate air compliance program. The notification shall include the date, time, place of each such test, Facility ID Number, Emission Unit ID Number(s) and description(s), Emission Point Number(s) and description(s), test method(s), pollutant(s) to be tested, along with the name and telephone number of the person who will be responsible for conducting such test(s) for the owner or operator. If a scheduled emissions test needs to be re-scheduled, the owner or operator shall submit to the appropriate air compliance program a revised notification at least seven days prior to the re-scheduled emissions test date or arrange a re-scheduled test date with the appropriate air compliance program by mutual agreement. [Rule 62-297.310(9), F.A.C.]

FW9. Annual Operating Report (AOR): The information required by the Annual Operating Report for Air Pollutant Emitting Facility (DEP Form No. 62-210.900(5)) shall be submitted by April 1 of each year, for the previous calendar year, to the Environmental Protection Commission of Hillsborough County. All synthetic non-Title V sources shall submit a completed DEP Form 62-210.900(5) unless the annual operating report is

submitted using the DEP's electronic annual operating report software. Emissions shall be computed in accordance with the provisions of subsection 62-210.370(2), F.A.C. [Rule 62-210.370(3), F.A.C.]

{Permitting Note: Resources to help you complete your AOR are available on the electronic AOR (EAOR) website at: http://www.dep.state.fl.us/air/emission/eaor. If you have questions or need assistance after reviewing the information posted on the EAOR website, please contact the Department by phone at (850) 717-9000 or email at eaor@dep.state.fl.us.}

FW10. When the Environmental Protection Commission of Hillsborough County (EPC) after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in Rules 62-204, 62-210, 62-212, 62-296, or 62-297, F.A.C., or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the source to conduct compliance tests which identify the nature and quantity of pollutant emissions from the source and to provide a report on the results of said tests to the EPC. [Rule 62-297.310(7)(b), F.A.C.]

FW11. The permittee shall not cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. [Rule 62-296.320(2), F.A.C.]

FW12. If the permittee wishes to transfer this permit to another owner, an "Application for Transfer of Air Permit" (DEP Form 62-210.900(7)) shall be submitted, in duplicate, to the Environmental Protection Commission of Hillsborough County within 30 days after the sale or legal transfer of the permitted facility. [Rule 62-4.120, F.A.C.]

Grain Unloading Operation

This section of the permit addresses the following emission unit and emission points.

Emission Unit (EU)	Emission Point (EP)	EU Description
001		**Material Handling**
	1	Railcar to Hopper
	2	Hopper to Conveyor
	3	Conveyor to Radial Stacker Conveyor
	4	Radial Stacker Conveyor to Pile
	5	Pile to Pile
	6	Front-end Loader to Truck

1. Visible emissions from any of the emission point listed above shall not exceed 5% opacity. [Rule 62-4.070(3), F.A.C., Chapter 1-3.52.2 of the Rules of the EPCHC, and Permit No. 0571410-002-AC]

2. In order to comply with the emission limitation in Specific Condition No. 1, the following restrictions and limitations shall apply for any consecutive twelve month period: [Rule 62-4.070(3), F.A.C. and Permit No. 0571410-002-AC]

   A) Maximum combined limestone/granite throughput: 750,000 tons
   B) Hours of operation are not restricted.

3. Test each emission point (EP 1 thru EP 6) under EU 001 for visible emissions, at the point of highest opacity, once per calendar year (January 1 – December 31) and submit two copies of the test data to the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of such testing. Testing procedures shall be consistent with the requirements of Rule 62-297.310, F.A.C. [Rules 62-297.310(7)(a)4. and 62-4.070(3), F.A.C.]

4. Compliance with the emission limitation of Specific Condition No. 1 shall be determined using EPA Method 9 contained in 40 CFR 60, Appendix A and adopted by reference in Rule 62-297, F.A.C. The Method 9 test shall be at least 30 minutes in duration. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 62-297, F.A.C. and 40 CFR 60, Appendix A. [Rules 62-297.310(4)(a)2. and 62-4.070(3), F.A.C.]

5. Testing of emissions shall be conducted with the sources operating at capacity. Capacity is defined as 90-100% of the conveyor transfer rate of 1,200 tons/hour. If it is impracticable to test at capacity, then the source may be tested at less than capacity; in this case subsequent source operation is limited to 110% of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for the purpose of additional compliance testing to regain the rated capacity in the permit, with prior notification to the EPC. Failure to submit the transfer rates and actual operating conditions may invalidate the test. [Rules 62-4.070(3), 62-297.310(2)(b), F.A.C. and Permit No. 0571410-002-AC]

6. All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provision in Rule 62-296.320, F.A.C. These provisions are applicable to any source, including, but not limited to, vehicular movement, transportation of materials, construction, alterations, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling. Reasonable precautions shall include, but not limited to, the following: [Rule 62-296.320, F.A.C. and Permit No. 0571410-002-AC]

   A) Maintain a water spray system(s) on the aggregate material handling operation to adequately wet the material, as necessary, to comply with the 5% opacity standard. The water spray system shall be

properly operated and maintained to reach the storage piles and conveyor transfer points, as necessary.

B) Maintain trafficked areas clean. Post a sign to limit vehicle speeds to 10 miles per hour.
C) Maintain aggregate haul roads and front end loader areas adequately wet, as necessary.
D) Reduce stock pile heights and/or install wind breaks to mitigate wind entrainment of particulate matter from stock piles, as necessary.
E) Curtail operations during high wind conditions, as necessary.
F) Exercise good housekeeping at all times.
G) Trucks shall be covered with tarps prior to leaving the facility.

7. In order to comply with Specific Condition No. 2, the permittee shall maintain a recordkeeping system. The records shall be maintained onsite for three years and shall be made available to any local, state, or federal air pollution agency upon request. The records shall include, but not limited to, the following: [Rules 62-4.070(3) and 62-4.160(14)(b), F.A.C. and Permit No. 0571410-002-AC]

A) Date, Month, Year
B) Amount of limestone and granite materials received (tons)
C) Rolling twelve month total of B) above
D) Records of checks and inspections specified in Specific Condition No. 8 below

8. The permittee shall perform the following checks and inspect the condition of the following on a daily, weekly, and monthly basis and shall perform any necessary maintenance work in order to keep the equipment in good working order to minimize fugitive particulate matter emissions. A log of the checks and inspections and any corrective actions taken shall be kept and made available as part of the records required in Specific Condition No. 7. [Rule 62-4.070(3), F.A.C. and Permit No. 0571410-002-AC]

Daily (When In Operation)

A) Check and maintain the aggregate road, storage piles and front end loading activity areas to ensure that they are adequately wet.
B) Inspect material transfer points and maintain a minimum drop height distance as reasonably possible.
C) Ensure the drop height from the radial stacker to the storage piles is minimized, as reasonably possible.

Weekly

A) Inspect roads and other paved surfaces. Clean as necessary.
B) Inspect all transfer points, conveyor belts and covers.

Monthly

A) Check for the proper operation of all water spray heads and nozzles on the hopper, conveyor, radial stacker, and transfer points. Repair as necessary.