FINAL DETERMINATION

FOR

Vulcan Materials Company, Florida Rock Division
Sligh Rail Yard

Hillsborough County

Construction Permit

Application Numbers

0571410-002-AC

Environmental Protection Commission of

Hillsborough County

Tampa, FL

January 21, 2011

The Environmental Protection Commission of Hillsborough County mailed a public notice package on December 28, 2010 that included the Intent to Issue Air Construction Permit No. 0571410-002-AC to Vulcan Materials Company, Florida Rock Division (Sligh Rail Yard), located at 6311 East Sligh Avenue, Tampa, FL 33617. This AC Permit authorizes the facility to add a shaker system at the railcar unloading (EU No. 001) operation. Vulcan received authorization thru Permit No. 0571410-001-AC to construct a material handling facility to handle a maximum of 750,000 ton/yr of limestone and granite materials. The aggregate materials will be received by railcar and bottom unloaded into a receiving hopper. A car shaker will be used to knock the material loose from the rail cars in order to facilitate the unloading of the material unto the receiving hopper. Vulcan estimates that it would take about two shakes of less than five seconds per rail car of coarse aggregate material and two shakes of less than 10 seconds per car for manufactures sand products, which represent the other one third of the total products. Vulcan understands that if EPC receives noise complaints due to the shaker system, the facility may be required to implement measures to mitigate the noise impact.

The Public Notice of Intent to Issue was published on January 6, 2011 in the Tampa Tribune.

No comments have ever received since the Intent was published.

The final action of the Environmental Protection Commission of Hillsborough County is to issue the final permit.

ENVIRONMENTAL PROTECTION COMMISSION OF
HILLSBOROUGH COUNTY, as Delegated by

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF PERMIT

Norma Suarez, Vice President of Finance
Vulcan Materials Company, Florida Rock Division
155 East 21st Street
Jacksonville, Florida 32206

Re: Hillsborough County - AP

Dear Ms. Suarez:

Enclosed is Permit Number 0571410-002-AC to Vulcan Materials Company, Florida Rock Division, for the addition of a shaker system at the railcar unloading operation located at 6311 East Sligh Avenue, Tampa, Hillsborough County, issued pursuant to Section 403.087, Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the EPC in the Legal Department at 3629 Queen Palm Dr., Tampa, FL 33619; 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 of Appeal must be filed within 30 days from the date this Notice is filed with the clerk of the EPC.

Executed in Tampa, Florida.

Sincerely,

_____
Richard D. Garrity, Ph.D.
Executive Director

RDG/KRZ/krz

cc: Steven C. Cullen, P.E. – Koogler and Associates, Inc.

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on _____ to the listed persons.

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

_____ _____
Clerk Date

PERMITTEE:
Vulcan Materials Company, Florida Rock Division
155 East 21st Street
Jacksonville, Florida 32206

PERMIT/CERTIFICATION
Permit No.: 0571410-002-AC
County: Hillsborough
Expiration Date: April 30, 2012
Project: Addition of Shaker System

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 62-204, 62-210, 62-212, 62-296, 62-297, and 62-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the EPC and made a part hereof and specifically described as follows:

This air construction permit authorizes the addition of a shaker system at the railcar unloading operation (EU No. 001). Vulcan received authorization thru Permit No. 0571410-001-AC to construct a material handling facility to handle a maximum of 750,000 ton/yr of limestone and granite materials.

The Sligh Rail Yard site will handle and store limestone and granite materials. The materials will be received by railcar and bottom unloaded into a receiving hopper. The aggregate materials will be received by railcar and bottom unloaded into a receiving hopper. A car shaker will be used to knock the material loose from the rail cars in order to facilitate the unloading of the material unto the receiving hopper. The materials from the receiving hopper will be transferred to a stationary conveyor (36" x 66'), which will transfer the material to a radial stacker belt conveyor and then onto a storage pile. Front-end loader(s) will be used to transfer materials from pile to pile and for loading the materials into a truck for transport off-site. The maximum transfer rate for each conveyor (stationary or radial stacker) is 1,200 ton/hr at a belt speed of 400 ft/min.

The materials will be moist/wet either inherently or by applying water. The facility will apply water, as necessary, by using water sprays. Also, the facility will use reasonable precautions to minimize particulate matter emissions.

Location: 6311 East Sligh Avenue, Tampa, FL 33617

UTM: 17- 363.9 E 3098.9 N

NEDS No.: 1274

Emission Unit Nos.:

Emissions Unit ID No.	Emissions Unit Description
001	Railcar to Hopper
002	Hopper to Conveyor
003	Conveyor to Radial Stacker Conveyor
004	Radial Stacker Conveyor to Pile
005	Pile to Pile
006	Front-end Loader to Truck

SPECIFIC CONDITIONS:

1. A part of this permit is the attached 15 General Conditions. [Rule 62-4.160, F.A.C.]

2. All applicable rules of the Environmental Protection Commission of Hillsborough County including design discharge limitations specified in the application shall be adhered to. The permit holder may also need to comply with county, municipal, federal, or other state regulations prior to construction. [Rule 62-4.070(7), F.A.C.]

3. Issuance of this permit does not relieve the permittee from complying with applicable emission limiting standards or other requirements of Chapters 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C., or any other requirements under federal, state, or local law. [Rules 62-4.070(7) and 62-210.300, F.A.C.]

4. 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.]

5. The permittee shall not cause, permit, or allow any visible emissions (five percent opacity) from any emission unit (EU) listed below: [Rule 62-4.070(3), F.A.C., Ch. 1-3.52 Paragraph 2. of the Rules of the EPCHC, and Air Construction Permit Application submitted January 19, 2010]

EU 001 - Railcar to Hopper
EU 002 – Hopper to Conveyor
EU 003 – Conveyor to Radial Stacker Conveyor
EU 004 – Radial Stacker Conveyor to Pile
EU 005 – Pile to Pile
EU 006 – Front-end Loader to Truck

6. To ensure compliance with the emission limitations in Specific Condition No. 5, the following restrictions and limitations shall apply for any consecutive twelve month period:
[Rule 62-4.070(3), F.A.C. and Air Construction Permit Application submitted January 19, 2010]

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

7. Test the emission units in Specific Condition No. 5 for visible emissions, within 60 days of startup and annually thereafter, 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.

8. Compliance with the emission limitations of Specific Condition No. 5 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

SPECIFIC CONDITIONS:

60, Appendix A. [Rules 62-297 and 62-297.310(4)(a)2, F.A.C.]

9. 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 input rates and actual operating conditions may invalidate the test. [Rules 62-4.070(3), 62-297.310(2)(b), F.A.C. and Air Construction Permit Application submitted January 19, 2010]

10. The permittee shall notify the Air Compliance Section of the Environmental Protection Commission of Hillsborough County at least 15 days prior to the date on which each formal compliance test is to begin of the date, time, and place of each such test, and the contact person who will be responsible for coordinating and having such test conducted. [Rule 62-297.310(7)(a)9., F.A.C]

11. 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.]

A) Install and 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 ensure the material is adequately wet, as needed, during the transfer operations.
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) Install and maintain a water spray system to reach the storage piles and conveyor transfer points, as necessary.
E) Minimize material transfer points as practicable.
F) Reduce stock pile heights and/or install wind breaks to mitigate wind entrainment of particulate matter from stock piles, as necessary.
G) Curtail operations during high wind conditions, as necessary.
H) Exercise good housekeeping at all times.
I) Trucks shall be covered with tarps prior to leaving the facility.

12. In order to ensure compliance with Specific Condition No. 6., the permittee shall maintain a recordkeeping system. The records shall be maintained onsite for three years and shall be made

available upon request 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.]

A) Date, Month, Year
B) Amount of limestone and granite received (tons)
C) Rolling twelve month total of B) above

13. 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 by Specific Condition No. 12.
[Rule 62-4.070(3), F.A.C. and Air Construction Permit Application submitted January 19, 2010]

Daily (When In Operation)

A) Check and maintain the aggregate road, storage piles and front end loading activity areas 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 stackers to the storage piles is minimized, as reasonably possible.

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Weekly

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

Monthly

A) Check all water spray heads and nozzles on the hopper, conveyor, radial stacker and transfer points.

14. 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.]

15. The permittee shall provide timely notification to the Environmental Protection Commission of Hillsborough County prior to implementing any changes that may result in a modification to this permit pursuant to Rule 62-210.200(205), F.A.C., Modification. The permit authorizes the operation of the

SPECIFIC CONDITIONS:

emission units described in pages one and two. The permit does not authorize the operation of a crusher. The changes do not include normal maintenance, but may include, and are not limited to, the following, and may also require prior authorization before implementation:
[Rules 62-4.070(3) and 62-210.300, F.A.C.]

A) Alteration or replacement of any equipment or major component of such equipment.
B) Installation or addition of any equipment which is a source of air pollution.
C) The use of materials and fuels other than those authorized in this permit.

16. 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.]

17. The permittee must submit to the Environmental Protection Commission of Hillsborough County each calendar year, a completed DEP Form 62-210.900(5), "Annual Operating Report (AOR) for Air Pollutant Emitting Facility", for the preceding calendar year. The AOR shall be submitted by April 1 of the following year. [Rule 62-210.370(3), F.A.C.]

18. A minimum of two copies of an application for an operation permit and a copy of the VE tests required by this permit shall be submitted to the Environmental Protection Commission of Hillsborough County within 60 days of completion of compliance testing or at least 90 days prior to the expiration date of this permit, whichever occurs first. [Rules 62-4.050(2) and 62-4.090, F.A.C.]

ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY

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Richard D. Garrity, Ph.D.
Executive Director