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AIR REGULATION

NONMETALLIC MINERAL PROCESSING PLANTS (CRUSHERS)
AIR GENERAL PERMIT REGISTRATION FORM

Part II. Notification to Permitting Office

(Detach and submit to appropriate permitting office; keep copy onsite)

Instructions: To give notice to the Department of an eligible facility's intent to use this air general permit, the owner or operator of the facility must detach and complete this part of the Air General Permit Registration Form and submit it to the appropriate Department of Environmental Protection or local air pollution control program office which has permitting authority. Please type or print clearly all information, and enclose the appropriate air general permit registration processing fee pursuant to Rule 62-4.050, F.A.C. (\$100 as of the effective date of this form)

0530046-009

Registration Type

Check one:

INITIAL REGISTRATION - Notification of intent to:

- ☐ Construct and operate a proposed new facility.
- ☐ Operate an existing facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit).

RE-REGISTRATION (for facilities currently using an air general permit) - Notification of intent to:

- ☒ Continue operating the facility after expiration of the current term of air general permit use.
- ☐ Continue operating the facility after a change of ownership.
- ☐ Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C., or any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only

If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. In such case, check the first box, and indicate the operation permits being surrendered. If no air operation permits are held by the facility, check the second box.

- ☐ All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s): _____
- ☐ No air operation permits currently exist for this facility.

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.)

Vulcan Materials Company, Florida Rock Division

Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a registration form must be completed for each.)

Brooksville Rock Quarry

Facility Location (Provide the physical location of the facility, not necessarily the mailing address.)

Street Address: 16313 Ponce DeLeon Blvd.

City: Brooksville

County: Hernando

Zip Code: 34614

Facility Start-Up Date (Estimated start-up date of proposed new facility.) (N/A for existing facility)

N/A

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Owner/Authorized Representative

Name and Position Title (Person who, by signing this form below, certifies that the facility is eligible to use this air general permit.)

Print Name and Title: James Reynolds, Brooksville Plant Manager

Owner/Authorized Representative Mailing Address

Organization/Firm: Vulcan Materials Company, Florida Rock Division

Street Address: 16313 Ponce DeLeon Blvd.

City: Brooksville

County: Hernando

Zip Code: 34614

Owner/Authorized Representative Telephone Numbers

Telephone: (352) 279-7281

Fax: () -

Cell phone (optional):

Facility Contact (If different from Owner/Authorized Representative)

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title: Lori Sanville, Environmental Manager

Facility Contact Mailing Address

Organization/Firm: Vulcan Materials Company, Florida Rock Division.

Street Address: 14341 Alico Road

City: Ft. Myers

County: Lee

Zip Code: 33913

Facility Contact Telephone Numbers

Telephone: (239) 280-9156

Fax: (407) 264-8121

Cell phone (optional):

Owner/Authorized Representative Statement

This statement must be signed and dated by the person named above as owner or authorized representative

I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Registration Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the facility addressed in this registration form is eligible for use of this air general permit and that the statements made in this registration form are true, accurate and complete. Further, I agree to operate and maintain the facility described in this registration form so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof.

I will promptly notify the Department of any changes to the information contained in this registration form.


Signature

7-26-11
Date

Type of Facility

Check one:

☒ **Stationary Facility**☐ **Relocatable Facility****Type(s) of Precautions Used to Prevent Unconfined Emissions**

Check all that apply for the management of roads, parking areas, stock piles and yards:

☒ **Maintain Roads/Parking/Yards**☒ **Use Water Application**☐ **Use Dust Suppressant**☐ **Remove Particulate Matter**☐ **Reduce Stock Pile Height**☐ **Install Wind Breaks**

Check the location of spray bars at the nonmetallic mineral processing plant:

☐ **Feeders**☐ **Entrance to "Crusher"**☐ **Exit of "Crusher"**☐ **Classifier Screens**☐ **Conveyor Drop Points****Description of Reasonable Precautions**

Below, or as an attachment to this form, provide details of all types of reasonable precautions to be used to prevent unconfined emissions at the facility.

Vulcan Materials Company, Florida Rock Division (FRI) Brooksville Rock Quarry operates a "wet" limestone quarry and processing plant, and processes limestone from onsite natural deposits. The limestone is broken and removed from the quarry through the use of air drilling and blasting. The excavated material is transported to the processing plant where the limestone is crushed, sized, and conveyed through a wet process. The processing plant uses water to separate fine materials and clay from the limestone. The use of water minimizes all particulate matter throughout the process. Finished product is stockpiled and loaded on to over-the-road customer trucks for distribution. Stockpiled materials maintain a moisture content that minimizes particulate matter. Fines along with excess water is pumped to a nearby settling area that provides recycled water for the processing plant. Quarry haul roads, service roads and customer access areas are constructed of limestone and the application of water is used to minimize particulate dust matter. The quarry entrance road is paved with asphalt and is swept and water is applied to minimize particulate dust matter.

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Description of Facility

Below, or as an attachment to this form, provide a description of the nonmetallic mineral processing operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes at the facility. Describe all air pollutant-emitting processes and equipment at the facility, and identify any air pollution control measures or equipment used.

The Brooksville Rock Quarry is currently not in operation and will remain shut down for the foreseeable future with an unknown restart date due to economic conditions.

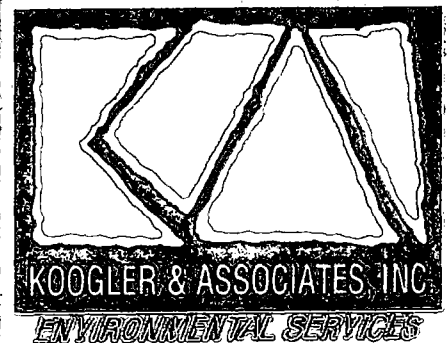
An updated equipment list is provided as Attachment 1.

A copy of the visible emissions diagram and associated letter submitted to the Department on March 11, 2011 is provided as Attachment 2. The diagram is based on the best information available at this time. It is requested that upon re-start up at an unknown future date, that an updated process flow (and equipment list, if applicable) be accepted by the Department.

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1. Table 1 – Equipment List
2. Visible Emissions Diagram

A T T A C H M E N T S



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EQUIPMENT LIST

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**Table 1 - Equipment List: Florida Rock Industries, Inc. - Brooksville Quarry
Facility No. 0530046**

Emission Point	Manufacturer	Date of Manufacture	Model Number	Identifier & Serial Number	Size (TPH, hp, kW, etc.)		Subject to 40 CFR Part 60, Subpart OOO	
							Yes	No
Primary Crusher	Williams Company	2006	52 Willpactor	20610	1000	TPH	X	<input type="checkbox"/>
Secondary Crusher	Hazmag USA	1974	C-500K	HU 1107	500	TPH	<input type="checkbox"/>	X
Primary Feeder	Williams Company	2006	MPO 60x40	20608	1000	TPH	X	<input type="checkbox"/>
Screening Operations	Deister Machinery	2006	VGB-6012	64708	5'x12'	FT ²	X	<input type="checkbox"/>
	Deister Machinery	2001	--	0890193	6'x16'	FT ²	X	<input type="checkbox"/>
	Deister Machinery	2001	--	0890194	6'x16'	FT ²	X	<input type="checkbox"/>
	Hewitt Robbins	1978	--	VT-120123-1	8'x20'	FT ²	<input type="checkbox"/>	X
	Hewitt Robbins	1978	--	VT-120123-2	8'x20'	FT ²	<input type="checkbox"/>	X
	Deister Machinery	1999	--	81-9953	6'x16'	FT ²	X	<input type="checkbox"/>
	Deister Machinery	2003	--	960321	8'x20'	FT ²	X	<input type="checkbox"/>
Storage Bin	Deister Machinery	2003	--	960322	8'x20'	FT ²	X	<input type="checkbox"/>
	Laidlaw (28)	1989	--	PID 7023	14'x14'	FT ²	X	<input type="checkbox"/>
Screening Operation	Deister Machinery (1)	1996	--	BFO-1820-OT	8'x20'	FT ²	X	<input type="checkbox"/>
Belt Conveyors	Belt A-1	2006	--	--	42	IN	X	<input type="checkbox"/>
	Belt A-2	2006	--	--	42	IN	X	<input type="checkbox"/>
	Belt B	1997	--	--	42	IN	X	<input type="checkbox"/>
	Belt C	1990	--	--	36	IN	X	<input type="checkbox"/>
	Belt E	2006	--	--	36	IN	X	<input type="checkbox"/>
Trommels	Maddox Foundry	2006	5400	A2 7064	1500	TPH	X	<input type="checkbox"/>
	Maddox Foundry	1995	--	A1 7275	1000	TPH	X	<input type="checkbox"/>

Table 1 - Equipment List: Florida Rock Industries, Inc. - Brooksville Quarry

Emission Point	Manufacturer	Date of Manufacture	Model Number	Identifier & Serial Number	Size (TPH, hp, kW, etc.)		Subject to 40 CFR Part 60, Subpart OOO	
							Yes	No
Sand Classifier	McLanhan	1974	--	501849	350	TPH	<input type="checkbox"/>	X
Belt Conveyors	Stockpile Belt 3/8"	2006	--	--	24	IN	X	<input type="checkbox"/>
	Stockpile Belt 1/2"	2006	--	--	24	IN	X	<input type="checkbox"/>
	Stockpile Belt 3/4"	2006	--	--	24	IN	X	<input type="checkbox"/>
	Tunnel Belt	1983	--	--	30	IN	X	<input type="checkbox"/>
	Trommel Feed Belt	1995	--	--	30	IN	X	<input type="checkbox"/>
	Final Wash Belt	1978	--	--	36	IN	<input type="checkbox"/>	X
	Rail Loadout Belt	1978	--	--	36	IN	<input type="checkbox"/>	X
	Truck Loadout Belt	1978	--	--	36	IN	<input type="checkbox"/>	X
	Final Wash Oversize Belt	1992	--	--	24	IN	X	<input type="checkbox"/>
	Screenings Stacker Belt	1986	--	--	36	IN	X	<input type="checkbox"/>
	Sand Plant #1 Belt	1998	--	--	24	IN	X	<input type="checkbox"/>
	Sand Plant #2 Belt	1998	--	--	24	IN	X	<input type="checkbox"/>
	Sand Plant #3 Belt	1998	--	--	24	IN	X	<input type="checkbox"/>

Comments:

1. The Storage Bin is one complete unit with one serial number.
2. The Conveyor Belts were shop-built on-site and therefore do not have model or serial numbers.

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DIAGRAM





Lori Sanville
ENVIRONMENTAL MANAGER
FLORIDA ROCK DIVISION

14341 ALICO ROAD,
FT. MYERS, FLORIDA 32206
TELEPHONE: 239-280-9156
FAX: 407-264-8121
EMAIL: sanvillel@vmcmail.com

March 11, 2011

Mr. Max Grondahl
FDEP
Southwest District
13051 N. Telecom Parkway
Temple Terrace, FL 33637

RE: Brooksville Quarry Permit No. 0530046-007

Dear Mr. Grondahl:

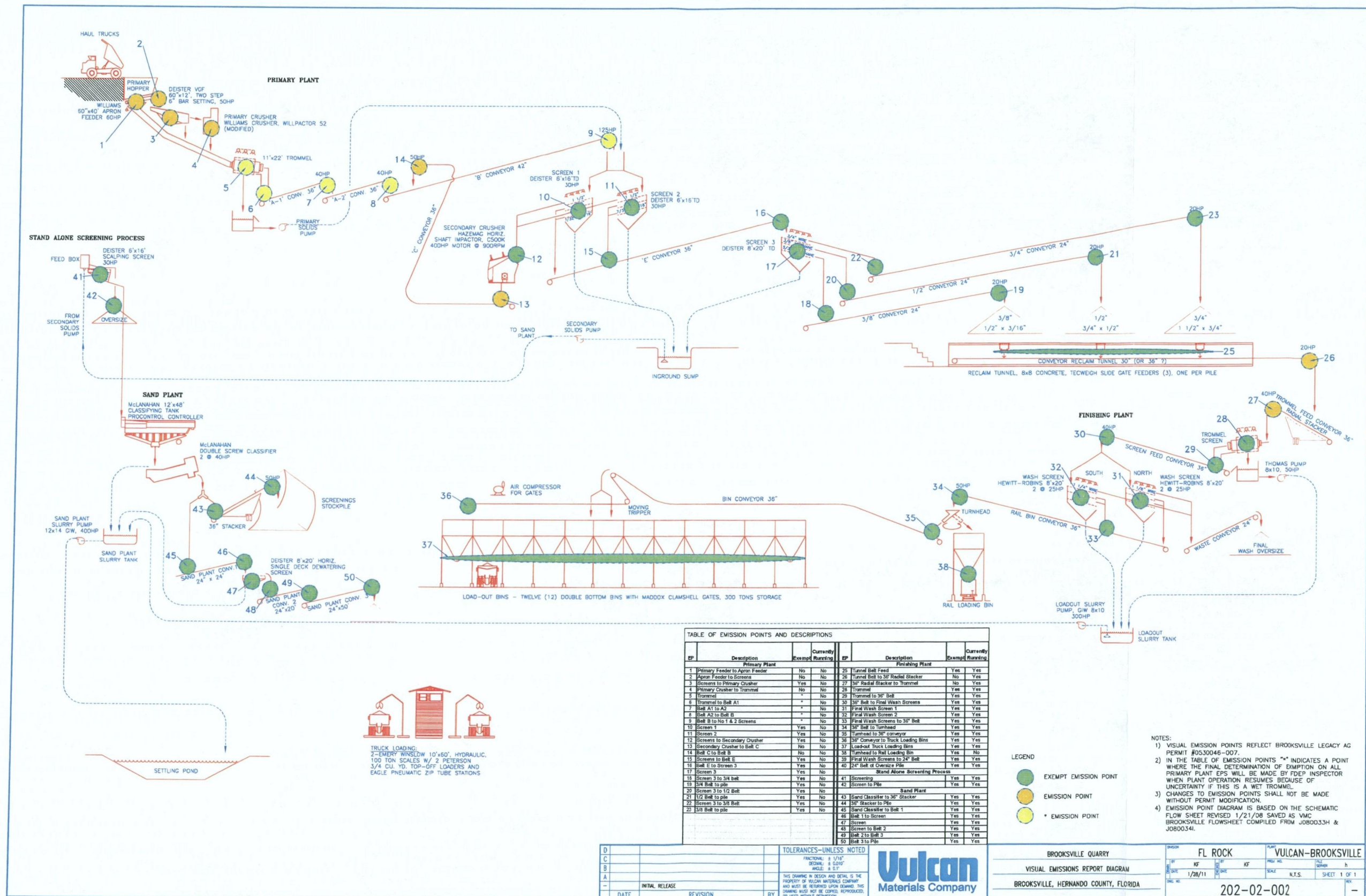
Enclosed please find two copies of the Visible Emissions Diagram. Please note that beginning with emission unit (EU) 26, the validity of the labeling of some units as exempt, was determined during your recent site visit in December 2010.

All EUs prior to EU 26 have not been run in many years and the labeling of the current diagram may or may not be correct. Upon start-up at some unknown future date, we will request that you visit the site and help us at that finalize this diagram.

If you have any questions or concerns please feel free to contact me.

Sincerely,

Lori Sanville
Environmental Manager





4014 NW THIRTEENTH STREET
GAINESVILLE, FLORIDA 32609
352/377-5822 ■ FAX/377-7158

187-11-15
July 25, 2011

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Dickson Dibble
Florida Department of Environmental Protection – Receipts
3800 Commonwealth Blvd, MS-77
Tallahassee, Florida 32399

0530046 (me)

Re: Facility No. ~~0250046~~ Air General Permit Registration
Vulcan Materials Company, Florida Rock Division
Brooksville Rock Quarry

Dear Mr. Dibble:

Please find enclosed an Air General Permit Registration for the above referenced facility.
In accordance with Rule 62-4.050, FAC, a \$100 processing fee in enclosed.

Please provide written confirmation of the coverage under the Air General Permit to
Koogler and Associates, Inc.

Thank you for your assistance. If you require additional information or have any
questions regarding this permit registration, please contact me at 352.377.5822 or
treed@kooglerassociates.com.

Best regards,
Koogler and Associates, Inc.

Tammy L. Reed
Environmental Scientist

Enclosure

Cc: Lori Sanville – Vulcan Materials Company, Florida Rock Division

/tlr

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