

RECEIVED

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

SEP 23 2009

Part II. Notification to Permitting Office

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

Bureau of Air Monitoring
& Mobile Sources

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).

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.

0010130-001

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.)

Florida Rock Industries, Inc.

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.)

Newberry Aggregate Plant

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

Street Address: Cr 235, 2.5 Miles NE Of Newberry

4000 N.W. CR 235

City: Newberry

County: Alachua

Zip Code: 32669

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

August 2010

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: Tom Baker, II - President

Owner/Authorized Representative Mailing Address

Organization/Firm: Florida Rock Industries, Inc.

Street Address: 155 East 21st Street

City: Jacksonville

County: Duval

Zip Code: 32206

Owner/Authorized Representative Telephone Numbers

Telephone: (904) 355-1781

Fax: (904) 355-0469

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: O. Henry Gotsch, Environmental Manager

Facility Contact Mailing Address

Organization/Firm: Florida Rock Industries, Inc.

Street Address: 4000 N.W. County Road 235

City: Newberry

County: Alachua

Zip Code: 32669

Facility Contact Telephone Numbers

Telephone: (352) 472-4722, ext. 121

Fax: (352) 472-2449

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 

Date 9-15-09

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.

Equipment is located at a mine or quarry and processes only material from onsite natural deposits. Per Rule 62-210.310(5)(e) F.A.C., no water suppression system with spray bars are required.

The mined material is wet, which helps prevent unconfined particulate matter emissions.

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.

This Registration Form is an initial registration for a proposed aggregate plant to be located in Newberry, Alachua County, Florida. The proposed aggregate plant will be ancillary to the existing cement plant (Facility ID 0010087). The anticipated process rate is 1.25 million tons per year (TPY) of raw feed.

The proposed aggregate plant does not have the potential to emit 10 TPY or more of any hazardous air pollutant (HAP), 25 TPY or more of any combination of HAPs, or 100 TPY or more of any other regulated air pollutant. The proposed aggregate plant will not contain any emissions units or activities not covered by the air general permit, except for units and activities that are exempt from permitting pursuant to Rule 62-210.300(3), F.A.C., or Rule 62-4.040, F.A.C. The proposed aggregate plant will be electrically powered.

Please refer to Page 9 of the Nonmetallic Mineral Processing Plant Air General Permit Registration Form for air pollution control measures.

It is assumed that the proposed equipment to be at the aggregate plant will be manufactured Post-2008; therefore, the proposed aggregate plant would be subject to 40 CFR 60, Subpart OOO. In addition, annual visible emissions compliance tests are prescribed in Rule 62-210.310(5)(e), F.A.C.

Please refer to Attachment 1, which contains the facility's proposed equipment list and proposed process flow diagram. Please note that wet material processing operations (i.e. wet screening operations) are planned to be present at the proposed aggregate plant. According to 40 CFR 60.670, wet material processing operations are not subject to 40 CFR 60, Subpart OOO.

ATTACHMENT 1

**Florida Rock Industries, Inc.
Newberry Aggregate Plant (No Facility ID – Initial Registration)
Air General Permit Notification Addendum**

Florida Rock Industries, Inc.
Newberry Aggregate Plant (No Facility ID – Initial Registration)
Air General Permit Notification Addendum

Affected Facilities Description

Affected Facility	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(s)	NONE				TPH	<input type="checkbox"/>	<input type="checkbox"/>
✓ Secondary Crusher(s)	✓ TBD	Assume Post-2008		Horizontal	500 TPH	X	<input type="checkbox"/>
Tertiary Crusher	NONE				TPH	<input type="checkbox"/>	<input type="checkbox"/>
Grinding Mill(s)	NONE				TPH	<input type="checkbox"/>	<input type="checkbox"/>
Bucket Elevator(s)	NONE				TPH	<input type="checkbox"/>	<input type="checkbox"/>
✓ Screening Operation(s)	✓ TBD	Assume Post-2008		Triple Deck Scalping Screen	160 FT ²	<input type="checkbox"/>	X
	✓ TBD	Assume Post-2008		Triple Deck Finishing Screen	120 FT ²	<input type="checkbox"/>	X
Bagging Operation	NONE				TPH	<input type="checkbox"/>	<input type="checkbox"/>
Storage Bin(s)	✓ TBD	Assume Post-2008		Truck Dump Hopper	175 TONS	<input type="checkbox"/>	X
	✓ TBD	Assume Post-2008		Primary Feeder	4' X 20'	X	<input type="checkbox"/>
	✓ TBD	Assume Post-2008		Surge Bin	25 TONS	X	<input type="checkbox"/>
	✓ TBD	Assume Post-2008		Crusher Feeder	4.5' X 10'	X	<input type="checkbox"/>
Enclosed Truck or Railcar Loading Station	NONE				TPH	<input type="checkbox"/>	<input type="checkbox"/>
Crusher Engine	NONE				HP	<input type="checkbox"/>	<input type="checkbox"/>
Auxiliary Generator(s)	NONE				KW	<input type="checkbox"/>	<input type="checkbox"/>
✓ Belt Conveyor(s)	✓ TBD	Assume Post-2008		Conveyor 1	42 IN.	X	<input type="checkbox"/>
	✓ TBD	Assume Post-2008		Conveyor 2	36 IN.	X	<input type="checkbox"/>
	✓ TBD	Assume Post-2008		Conveyor 3	30 IN.	X	<input type="checkbox"/>
Belt Conveyor(s)	✓ TBD	Assume Post-2008		Conveyor 4	30 IN.	<input type="checkbox"/>	X
	✓ TBD	Assume Post-2008		Conveyor 5	24 IN.	<input type="checkbox"/>	X

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✓ Belt Conveyor(s)	✓ TBD	Assume Post-2008	✓ Conveyor 6	24 IN.	<input type="checkbox"/>	X
	✓ TBD	Assume Post-2008	✓ Conveyor 7	24 IN.	<input type="checkbox"/>	X
	✓ TBD	Assume Post-2008	✓ Conveyor 8	24 IN.	<input type="checkbox"/>	X
	✓ TBD	Assume Post-2008	✓ Conveyor 9	24 IN.	<input type="checkbox"/>	X

Comments:

The following equipment/points are part of the wet materials processing operation. The provisions of 40 CFR 60, Subpart OOO do not apply to wet materials processing operations.

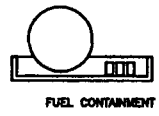
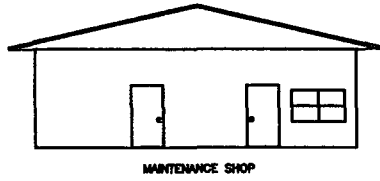
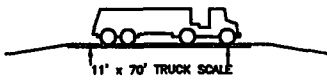
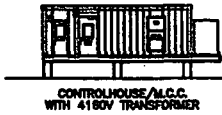
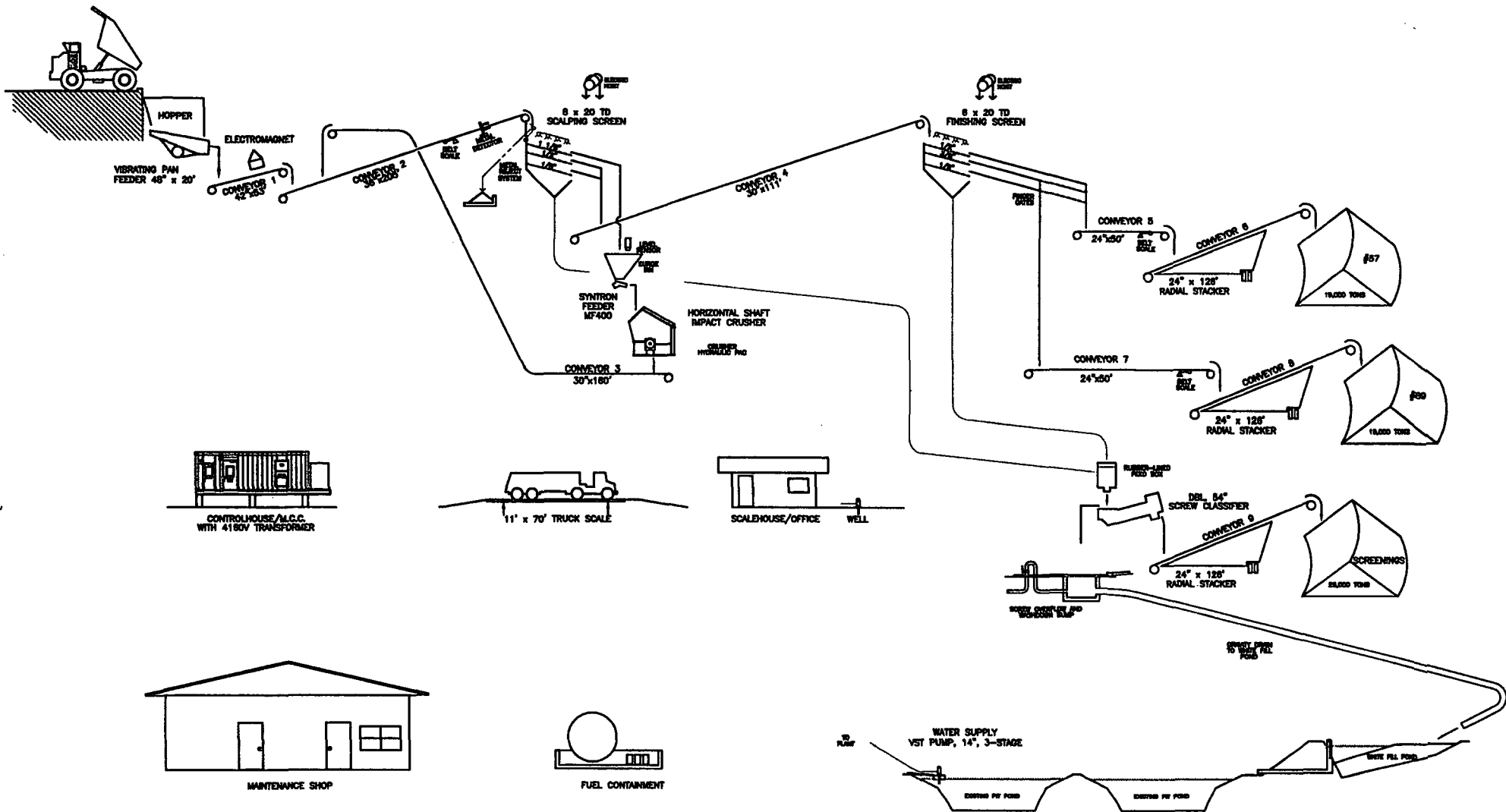
- Triple Deck Scalping Screen
- Transfer Point: Triple Deck Scalping Screen to Conveyor 4
- Transfer Point: Conveyor 4 to Triple Deck Finishing Screen
- Triple Deck Finishing Screen
- Transfer Point: Triple Deck Finishing Screen to Conveyor 5
- Transfer Point: Conveyor 5 to Conveyor 6
- Transfer Point: Triple Deck Finishing Screen to Conveyor 7
- Transfer Point: Conveyor 7 to Conveyor 8
- Screw Classifier
- Transfer Point: Screw Classifier to Conveyor 9

Material being transferred from a conveyor belt to a stock pile is not considered transfer points and is not subject to 40 CFR 60, Subpart OOO.

The Truck Dump Hopper is exempt from 40 CFR 60, Subpart OOO.

The Rubber Lined Feed Box depicted in the flow diagram is not a storage bin. It is used to join slurry flows before introducing them into the screw classifier.

The proposed aggregate plant will be electrically powered. The crusher is powered by a 500 hp electric motor.



3	6-8-59	ISSUE FOR DESIGN	RF
2	3-4-59	FIRST ISSUE FOR BID	BNH
1	12-16-58	CHANGE FEEDER, HP'S, AND MCC	RF
0	6-18-58	FIRST ISSUE	BNH
REVISION	DATE	DESCRIPTION	BY

DRAWING NUMBER: 159-28-004
 SHEET:
NEWBERRY AGGREGATE EQUIPMENT CONCEPT - FLOWSHEET
 NEWBERRY, FLORIDA
FLORIDA ROCK INDUSTRIES, INC.
 AGGREGATE GROUP
 TAMPA, FLORIDA



4014 NW 13th STREET
GAINESVILLE, FL 32609-1923
352/377-5822 ■ FAX/377-7158

September 2, 2009

Mr. Dickson Dibble
FDEP
Receipts
PO Box 3070
Tallahassee, Florida 32315-3070

SUBJECT: Florida Rock Industries, Inc.
Nonmetallic Mineral Processing Plant
Newberry Aggregate Plant
Newberry, Alachua County, Florida
Initial Air General Permit Notification

RECEIVED

SEP 23 2009

Bureau of Air Monitoring
& Mobile Sources

Dear Mr. Dibble:

This letter transmits the initial *Air General Permit Notification Form* for the subject facility.

Please note that the processing fee is attached. In accordance with Rule 62-4.050(4)(p)(b), F.A.C., the processing fee is **\$100** for a general permit not requiring Professional Engineer certification.

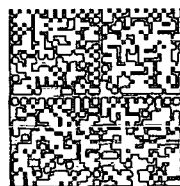
Please provide written confirmation of coverage under the General Permit. If you have any questions, please call me at (352) 377-5822.

Sincerely,

Veronica N. Sgro, P.E.
Koogler and Associates, Inc.

Enc.

Cc: Mr. Dave Hornsby, Vulcan Materials Company, Florida Rock Division (*EMAIL + UPS*)



NEOPOST

\$2.58

SEP 18 2009

US POSTAGE

FIRST CLASS

MAILED FROM 32200

048J0085003215



FLORIDA ROCK INDUSTRIES INC

GENERAL OFFICE

P. O. Box 4667

Jacksonville, Florida 32201

TO: Mr. Dickson Dibble
FDEP
Receipts
P O Box 3070
Tallahassee, FL 32315-3070

RETURN POSTAGE GUARANTEED

#0650