

**FLORIDA ROCK CONCRETE INC** Ready Mix Concrete and Construction Products

August 1, 2003

Florida Department of Environmental Protection  
Air Section  
3319 Maguire Boulevard, Suite 232  
Orlando, FL 32803-3767

Attention: Jeff Rustin, P.E.

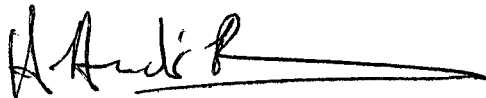
Subject: Air General Permit  
**Ocala R/M Plant**  
3599 S.W. 74<sup>th</sup> Avenue, Marion County

Dear Jeff:

Enclosed are the Notice of Intent (NOI) and the \$100 permit fee for the air general permit for our Havana Ready-Mix concrete batch plant.

If you need further information I can be contacted at (904) 355-1781 Ext 540.

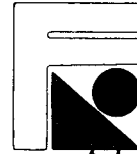
Sincerely,  
Florida Rock Industries, Inc.



Hugh Perry  
Environmental Director

Enclosure

Cc: Tony Gray



RECEIVED  
AUG 05 2003  
Central Dist - DEP

RECEIVED  
AUG 11 2003  
D.E.P.  
SOUTHWEST DISTRICT

CONCRETE BATCHING PLANT  
AIR GENERAL PERMIT NOTIFICATION FORM

RECEIVED  
AUG 05 2003  
Central Dist - DEP

**Part III. Notification of Intent to Use General Permit**

(Submit this Part to the appropriate permitting office and keep copy of completed form onsite. Instructions follow.)

**Instructions to Owner or Operator:** To give notice to the Department of an eligible facility's intent to use the concrete batching plant air general permit, the owner or operator of the facility must detach and complete Part III of this Concrete Batching Plant Air General Permit Notification Form and submit it to the appropriate Department of Environmental Protection district office or local air pollution control program office which has been delegated permitting authority. Please type or print clearly all information and enclose the appropriate general permit processing fee pursuant to Rule 62-4.050(4)(o), F.A.C. Please note, the form will not be considered complete unless: 1) the processing fee is attached; 2) if appropriate, the proof of notice publication is attached; and 3) if the facility is existing, visible emissions testing was conducted within 60 days of submitting the form and the test results have already been submitted to the appropriate permitting authority or accompany the form. Also, please refer to the instructions for completing Part III of the notification form at the end of the form.

**General Facility Information**

Facility Owner/Company Name (Name of corporation, agency, or individual owner): <b>Florida Rock Industries, Inc.</b>		
Site Name (For example, plant name or number): <b>Ocala Ready Mix Plant</b>		
Facility Location: Street Address: <b>3599 S.W. 74 Avenue</b> City: <b>Ocala</b> County: <b>Marion</b> Zip Code: <b>34474</b>		
Facility Start-Up Date: <b>Existing</b>		
Relocatable: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		

**Notification Type**

Check one:  <input type="checkbox"/> <b>NEW:</b> Notification of a proposed <i>new</i> concrete batching plant.  <input type="checkbox"/> <b>EXISTING:</b> Notification of an <i>existing</i> permitted concrete batching plant.  <input checked="" type="checkbox"/> <b>RENEWAL:</b> Notification for permit renewal of an <i>existing</i> concrete batching plant.
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**Owner/Authorized Representative**

Name and Title: <b>Hugh Perry, Environmental Director</b>		
Owner/Authorized Representative Mailing Address: Organization/Firm: <b>Florida Rock Industries, Inc.</b> Street Address: <b>155 E. 21<sup>st</sup> St., P.O. Box 4667</b> City: <b>Jacksonville</b> County: <b>Duval</b> Zip Code: <b>32201</b>		
Owner/Authorized Representative Telephone Number: Telephone: <b>( 904 ) 355 - 1781 Ext. 540</b> Fax: <b>( 904 ) 791 - 1811</b>		

**Facility Contact (If different from Owner/Authorized Representative)**

Name and Title: <b><u>Tony Gray, General Manager</u></b>		
Facility Contact Mailing Address: Organization/Firm: <b>Florida Rock Industries, Inc.</b> Street Address: <b>924 Main Street</b> City: <b>Gainesville</b> County: <b>Alachua</b> Zip Code: <b>32601</b>		
Facility Contact Telephone Number: Telephone: <b>(352) 494-2898</b> Fax: <b>(352) 375-2420</b>		

**Facility Comments**

<p><b>Plant generally in operation 7-5 M-F excluding some holidays. Production of ready mix concrete annually consumes approximately 5000 tons of cement, 5000 tons of blast furnace slag, 200 tons of flyash, 22000 tons of coarse aggregate, and 18000 tons of fine aggregate.</b></p>
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**Emissions Unit(s) Description**

Site contains one split silo, capable of storing 100 tons of cement and 100 tons of blast furnace slag, and one 40 ton flyash silo. Potential emissions from both silos, the cement batcher, and the truck loading operation are controlled by a ground-mounted Vince Hagan dust collector (model VH-1094 Jet Pulse). This unit employs 0.80" Polyester Fume bags as filter media. The cementitious silos and cement batcher are connected to the dust collector via continuous piping. The truck loading area is equipped with a dust shroud, partially enclosing the loading area, which is in turn connected to the dust collection unit by ductwork. Cementitious silos are loaded at a minimum of 25 tons per hour.

**Surrender of Existing Air Permit(s) except Air General Permits (do not complete for renewal notifications)**

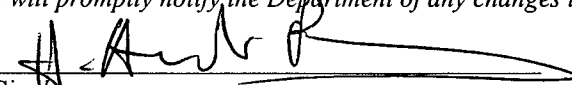
Check one:

- I hereby surrender all existing air permits authorizing operation of the facility indicated on this form; specifically permit number(s) \_\_\_\_\_.
- No air permits currently exist for the operation of the facility indicated on this form.

**Owner/Authorized Representative Statement**

*I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Notification Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, I agree to operate and maintain the facility and any air pollution control equipment described in this notification so as to comply with all applicable standards and requirements 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 notification.*

  
Signature

8/1/03  
Date

0830132 Rec. 8/11/03 PVA  
 8/5/03 Orlando Dist

EPA

VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)  
 Method 9 200A 200B Other \_\_\_\_\_

Company Name Florida Rock, Inc.  
 Facility Name Ocala  
 Street Address 3599 S.W. 74<sup>th</sup> Ave.  
 City Ocala State FL Zip 34474

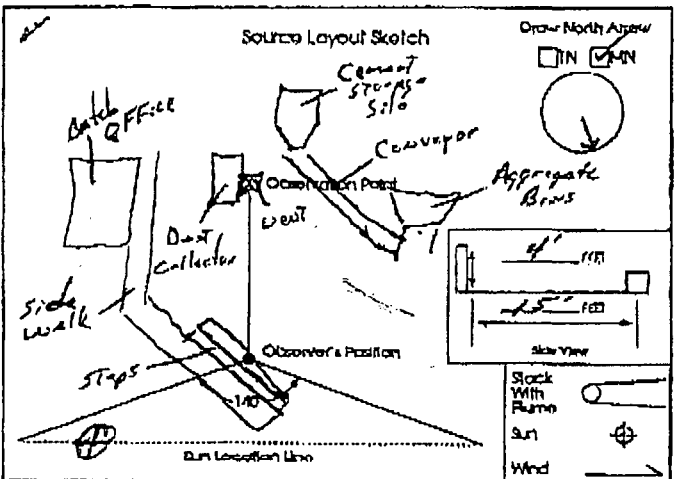
Process Cement Storage Unit # 1 Operating Mode Normal  
 Control Equipment Dust Collector Operating Mode Normal

Describe Emission Point  
Exhaust Vent on west side of Dust Collector  
 Height of Emis. Pt. Start 4' End same Height of Emis. Pt. Rel. to Observer Start 1' End same  
 Distance to Emis. Pt. Start 15' End same Direction to Emis. Pt. (Degrees) Start 204 End same

Vertical Angle to Obs. Pt. Start 0° End same Direction to Obs. Pt. (Degrees) Start 24° End same  
 Distance and Direction to Observation Point from Emission Point Start 15' SW End same

Describe Emissions  
 Stack None Visible End same Water Droplet Pume Attached  Detached  None   
 Emission Color None Start None End same

Describe Pume Background  
 Start Metal Frame of Dust Collector End same  
 Background Color Start Blue End same Sky Conditions Start Scattered End same  
 Wind Speed Start 0-5 End same Wind Direction Start SW End same  
 Ambient Temp. Start 80° End 88° Wet Bulb Temp. 74° RH Percent 76%



Longitude 82°14'20"W Latitude 29°09'10"N Declination 2°W

Additional Information  
Truck # 6912 - Tanker # 3930  
Load size - 26.92 Tons

VEOFI.1 Tick # 90462

Form Number FR092 Page 1 of 1  
 Continued on VEO Form Number \_\_\_\_\_

Observation Date	Time Zone	Start time	End time				
<u>7-9-03</u>	<u>EST</u>	<u>7:50</u>	<u>8:21</u>				
Sec	0	15	30	45	Comments		
1	0	0	0	0			
2	0	0	0	0			
3	0	0	0	0			
4	0	0	0	0			
5	0	0	0	0			
6	0	0	0	0			
7	0	0	0	0			
8	0	0	0	0			
9	0	0	0	0			
10	0	0	0	0	<u>loading mixer truck</u>		
11	0	0	0	0	<u>HT9993</u>		
12	0	0	0	0			
13	0	0	0	0	<u>Cement Tanker</u>		
14	0	0	0	0	<u>Tank Pressure 10 PSI</u>		
15	0	0	0	0			
16	0	0	0	0			
17	0	0	0	0			
18	0	0	0	0			
19	0	0	0	0			
20	0	0	0	0			
21	0	0	0	0			
22	0	0	0	0			
23	0	0	0	0			
24	0	0	0	0			
25	0	0	0	0			
26	0	0	0	0			
27	0	0	0	0			
28	0	0	0	0			
29	0	0	0	0			
30	0	0	0	0			

Observer's Name (Print) Meredith Brown  
 Observer's Signature Meredith Brown Date 7-9-03  
 Organization Florida Rock, Inc.  
 Certified by Eastern Tech. Assoc. Date 5-14-03

# VISIBLE EMISSIONS EVALUATOR

This is to certify that

*Meredith Brown*

met the specifications of Federal Reference Method 9 and qualified as a visible emissions evaluator. Maximum deviation on white and black smoke did not exceed 7.5% opacity and no single error exceeding 15% opacity was incurred during the certification test conducted by Eastern Technical Associates of Raleigh, North Carolina. This certificate is valid for six months from date of issue.

*308133*

Certificate Number

*Pensacola, Florida*

Location

*May 14, 2003*

Date of Issue

*Thomas Hore*

President

*Michael W. Sunford*

Director of Training