



**FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION**

CENTRAL DISTRICT  
3319 MAGUIRE BOULEVARD, SUITE 232  
ORLANDO, FLORIDA 32803

RICK SCOTT  
GOVERNOR

HERSCHEL T. VINYARD JR.  
SECRETARY

August 19, 2013

Kathie Chumley, Environmental Services Manager  
Vulcan Materials Company  
3599 SW 74<sup>th</sup> Ave  
Ocala, FL 34474  
[ChumleyK@VMCMAIL.com](mailto:ChumleyK@VMCMAIL.com)

Re: Florida Rock Industries/Ocala Plant  
Air 0830132  
IW FLG110088  
Marion County  
OCD-CAP-13-2849

Dear Ms. Chumley:

Department personnel conducted a compliance inspection of the above-referenced facility on July 29, 2013. Based on the information provided during and following the inspection, the facility was determined to be in compliance with the Department's rules and regulations. A copy of the inspection report is attached for your records.

The Department appreciates your efforts to maintain this facility in compliance with state and federal rules. Should you have any questions or comments, please contact Lauren Staly at 407-897-2957 or via e-mail at [Lauren.Staly@dep.state.fl.us](mailto:Lauren.Staly@dep.state.fl.us).

Sincerely,

A handwritten signature in black ink, appearing to read 'Reggie Phillips'.

Reggie Phillips, Manager  
Central District  
Florida Department of Environmental Protection

Enclosures: Inspection Reports (with attachments)

cc: Matt Carcaba, [CarcabaM@VMCMAIL.com](mailto:CarcabaM@VMCMAIL.com)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

**WASTEWATER COMPLIANCE INSPECTION REPORT**

FACILITY AND INSPECTION INFORMATION

@ = Optional

<b>Name and Physical Location of Facility</b>	<b>WAFR ID:</b>	<b>County</b>	<b>Entry Date/Time</b>
Florida Rock Industries - Ocala Concrete Batch Plant 3599 SW 74 <sup>th</sup> Ave. Ocala, FL 34474	FLG110088	Marion	
		<b>Phone</b>	<b>@ Exit Date/Time</b>

<b>Name(s) of Field Representatives(s)</b>	<b>Title</b>	<b>Phone</b>
Bernie Schomas	Authorized Representative	

<b>Name and Address of Permittee or Designated Representative</b>	<b>Title</b>	<b>Phone</b>	<b>@ Operator Certification #</b>
Katherine R. Chumley Vulcan Materials Company P.O. Box 4667 Jacksonville, FL 32201	Environmental Services Manager <b>Email</b> ChumleyK@VMC.com	(904)380-0130	

<b>Inspection Type</b>	<input type="checkbox"/> C <input type="checkbox"/> E <input type="checkbox"/> I <input type="checkbox"/>	<b>Samples Taken(Y/N):</b> N	<b>@ Sample ID#:</b>	<b>Samples Split (Y/N):</b>
<input type="checkbox"/> <b>Domestic</b>	<input checked="" type="checkbox"/> <b>Industrial</b>	<b>Were Photos Taken(Y/N):</b>	<b>@ Log book Volume:</b>	<b>@ Page:</b>

**FACILITY COMPLIANCE AREAS EVALUATED**



IC: In Compliance; MC: Minor Out of Compliance; NC: Out of Compliance SC: Significant Non-Compliance;  
 NA: Not Applicable; NE or Blank: Not Evaluated

Significant Non-Compliance Criteria Should be Reviewed When Out of Compliance Ratings Are Given in Areas Marked by a "♦"

	PERMITS/ORDERS		SELF MONITORING PROGRAM		FACILITY OPERATIONS		EFFLUENT/DISPOSAL
IC	1. ♦ Permit	NA	3. Laboratory	IC	6. Facility Site Review	NA	9. ♦ Effluent Quality
NA	2. ♦ Compliance Schedules	NA	4. Sampling	NA	7. Flow Measurement	IC	10. ♦ Effluent Disposal
		IC	5. ♦ Records & Reports	IC	8. ♦ Operation & Maintenance	IC	11. Biosolids/Sludge
						NA	12. Ground Water
NA	14. Other:					NA	13. ♦ SSO Survey

**Facility and/or Order Compliance Status:**  In-Compliance  Out-Of-Compliance  Significant-Out-Of-Compliance

**Recommended Actions: Compliance Letter**

<b>Name(s) and Signature(s) of Inspector(s)</b> Lauren Staly 	<b>District Office/Phone Number</b> Central District Office 407-897-2957	<b>Date</b> 08/14/2013
<b>@ Signature of Reviewer</b> Reggie Phillips 	<b>District Office/Phone Number</b> Central District Office 407-897-4132	<b>Date</b> 08/14/2013

**Single Event Violation Code(s):**  
 \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**Facility Name:** Florida Rock Industries- Ocala

**Facility ID No:** FLG110088

**Inspection Type:** CEI

**Inspection Date:** 07/29/2013

**FACILITY BACKGROUND:**

**Facility Address:** 3599 SW 74<sup>th</sup> Ave., Ocala, FL 34474

**Program/ Permit Information:** Wastewater Permit issued: 3/23/2009, expires: 3/22/2014

1. **Permit:** RATING - IN COMPLIANCE

1.1. Observation: A copy of the permit was onsite and available to plant personnel.

2. **Compliance Schedules:** RATING - NOT APPLICABLE

3. **Laboratory:** RATING - NOT APPLICABLE

4. **Sampling:** RATING - NOT APPLICABLE

5. **Records and Reports:** RATING - IN COMPLIANCE

5.1 Observation: Permit, stormwater management plan and best management practices were available on site for review by the Department.

6. **Facility Site Review:** RATING - IN COMPLIANCE

6.1 Observation: The Type I and II basins appear to have adequate freeboard.

7. **Flow Measurement:** RATING - NOT APPLICABLE

8. **Operation and Maintenance:** RATING - IN COMPLIANCE

8.1 Observation: The sediment trap on the south side of the property near the retention pond appeared to be full of sediment. The material from the Type II basin was scheduled to be removed during the week of the inspection. Department staff called Matt Carcaba and Kathie Chumley. Matt stated that the sediment basin had been cleaned out and the material was being removed off site.

9. **Effluent Quality:** RATING - NOT APPLICABLE

10. **Effluent Disposal:** RATING - IN COMPLIANCE

10.1 Observation: The Type II basins appeared to be in compliance

11. **Biosolids/Sludge:** RATING - IN COMPLIANCE

11.1 Observation: Materials were being disposed of in accordance with the permit.

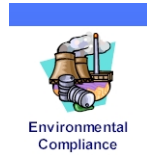
12. **Groundwater Quality:** RATING - NOT APPLICABLE

13. **SSO Survey:** RATING - NOT APPLICABLE

14. **Other:** RATING - NOT APPLICABLE



# CONCRETE BATCHING PLANT



## COMPLIANCE INSPECTION CHECKLIST

**INSPECTION TYPE:** ANNUAL (INS1, INS2)  COMPLAINT/DISCOVERY (CI)   
 RE-INSPECTION (FUI)  ARMS COMPLAINT NO: \_\_\_\_\_

<b>AIRS ID#:</b> 0830132	<b>DATE:</b> 7/29/13	<b>ARRIVE:</b> _____	<b>DEPART:</b> _____
<b>FACILITY NAME:</b> FLORIDA ROCK INDUSTRIES/OCALA PLANT			
<b>FACILITY LOCATION:</b> 3599 SW 74TH AVE OCALA 34474-6452			
<b>OWNER/AUTHORIZED REPRESENTATIVE:</b> KATHIE CHUMLEY		<b>PHONE:</b> (904)380-0130	
<b>Email:</b> ChumleyK@VMC.com		<b>Mobile:</b>	
<b>CONTACT NAME:</b> MATT CARCABA		<b>PHONE:</b> (800)342-1077	
<b>Email:</b> CarcabaM@VMC.com		<b>Mobile:</b> (352)494-7279	
<b>ENTITLEMENT PERIOD:</b> 4/21/2011 / 4/21/2016 (effective date) (end date)			

### Facility Section

**PART I: INSPECTION COMPLIANCE STATUS** (check  only one box)

IN COMPLIANCE     MINOR Non-COMPLIANCE     SIGNIFICANT Non-COMPLIANCE

**PART II: ONSITE INTRODUCTORY MEETING** (check  only one box for each question)

1. Name(s) of facility representative(s): Benje Schmoas  
 Brief Notes: \_\_\_\_\_

2. Is the Authorized Representative still KATHIE CHUMLEY? -----  Yes    ..No  
 If no, who is?: \_\_\_\_\_  
 If different, did the facility provide an administrative update within 30 days? -----  Yes    ..No

3. Is the facility contact still MATT CARCABA? -----  Yes    ..No  
 If no, who is?: \_\_\_\_\_

4. Will facility be conducting VE test(s) during today's inspection? -----  Yes    ..No  
 If yes, was the compliance authority notified at least 15 days in advance? -----  Yes    ..No

**Emissions Unit Section**

**1 –CCB Plant-batcher/loadout w/central baghouse subject to Reasonable Precautions**

**PART I: FILE REVIEW PRIOR TO INSPECTION**

- 1. Date of last inspection: 5/11/2010
- 2. Did the emissions unit use reasonable precautions during the last inspection? -----  Yes  No  
If not: a. Did the inspector perform a general VE test (20% opacity)? -----  Yes  No  
b. If tested: (\_\_\_\_\_) % opacity. Were the visible emissions < 20% opacity? -----  N/A  Yes  No  
c. What caused the problem(s) (if known)? \_\_\_\_\_

**PART II: FIELD OBSERVATIONS – Rule 62-296.414(2), F.A.C.**

**Unconfined Emissions from Truck Loading and Unloading, Hoppers, Storage and Conveying Equipment, Conveyor Drop Points, Roads, Parking Areas, Stock Piles, and Yards**

- 1. Does the owner/operator of the concrete batching plant take reasonable precautions to control unconfined emissions by:
  - a. Management of roads, parking areas, stock piles, and yards, which shall include one or more of the following:
    - 1) paving and maintenance of roads, parking areas, stock piles, and yards? -----  Yes  No
    - 2) application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions? -----  Yes  No
    - 3) removal of particulate matter from roads and other paved areas under control of the owner/operator to re-entrainment, and from building or work areas to reduce airborne particulate matter? -----  Yes  No
    - 4) reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles? -----  Yes  No
  - b. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck? ----  Yes  No
- 2. If reasonable precautions not being taken:
  - a. Did the inspector perform a general VE test (20% opacity)? -----  Yes  No
  - b. If tested: (\_\_\_\_\_) % opacity. Were the visible emissions < 20% opacity? -----  Yes  No
  - c. What caused the problem(s) (if known)? \_\_\_\_\_

**Emissions Unit Section**

**3 –CCB Plant-split silo (cement) w/individual silotop baghouse subject to Reasonable Precautions**

**PART I: FILE REVIEW PRIOR TO INSPECTION**

- 1. Date of last inspection: 5/11/2010
- 2. Did the emissions unit use reasonable precautions during the last inspection? -----  Yes  No  
If not: a. Did the inspector perform a general VE test (20% opacity)? -----  Yes  No  
b. If tested: (\_\_\_\_\_)% opacity. Were the visible emissions < 20% opacity? -----  N/A  Yes  No  
c. What caused the problem(s) (if known)? \_\_\_\_\_

**PART II: FIELD OBSERVATIONS – Rule 62-296.414(2), F.A.C.**

**Unconfined Emissions from Truck Loading and Unloading, Hoppers, Storage and Conveying Equipment, Conveyor Drop Points, Roads, Parking Areas, Stock Piles, and Yards**

- 1. Does the owner/operator of the concrete batching plant take reasonable precautions to control unconfined emissions by:
  - a. Management of roads, parking areas, stock piles, and yards, which shall include one or more of the following:
    - 1) paving and maintenance of roads, parking areas, stock piles, and yards? -----  Yes  No
    - 2) application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions? -----  Yes  No
    - 3) removal of particulate matter from roads and other paved areas under control of the owner/operator to re-entrainment, and from building or work areas to reduce airborne particulate matter? -----  Yes  No
    - 4) reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles? -----  Yes  No
  - b. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck? ----  Yes  No
- 2. If reasonable precautions not being taken:
  - a. Did the inspector perform a general VE test (20% opacity)? -----  Yes  No
  - b. If tested: (\_\_\_\_\_)% opacity. Were the visible emissions < 20% opacity? -----  Yes  No
  - c. What caused the problem(s) (if known)? \_\_\_\_\_

**Emissions Unit Section**

**4 –CCB Plant-split silo (slag) w/individual silotop baghouse subject to Reasonable Precautions**

**PART I: FILE REVIEW PRIOR TO INSPECTION**

1. Date of last inspection: 5/11/2010
2. Did the emissions unit use reasonable precautions during the last inspection? -----  Yes  No  
If not: a. Did the inspector perform a general VE test (20% opacity)? -----  Yes  No  
b. If tested: (\_\_\_\_\_)% opacity. Were the visible emissions < 20% opacity? -----  N/A  Yes  No  
c. What caused the problem(s) (if known)? \_\_\_\_\_

**PART II: FIELD OBSERVATIONS – Rule 62-296.414(2), F.A.C.**

**Unconfined Emissions from Truck Loading and Unloading, Hoppers, Storage and Conveying Equipment, Conveyor Drop Points, Roads, Parking Areas, Stock Piles, and Yards**

1. Does the owner/operator of the concrete batching plant take reasonable precautions to control unconfined emissions by:
- a. Management of roads, parking areas, stock piles, and yards, which shall include one or more of the following:
- 1) paving and maintenance of roads, parking areas, stock piles, and yards? -----  Yes  No
  - 2) application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions? -----  Yes  No
  - 3) removal of particulate matter from roads and other paved areas under control of the owner/operator to re-entrainment, and from building or work areas to reduce airborne particulate matter? -----  Yes  No
  - 4) reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles? -----  Yes  No
- b. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck? ----  Yes  No
2. If reasonable precautions not being taken:
- a. Did the inspector perform a general VE test (20% opacity)? -----  Yes  No
- b. If tested: (\_\_\_\_\_)% opacity. Were the visible emissions < 20% opacity? -----  Yes  No
- c. What caused the problem(s) (if known)? \_\_\_\_\_

**Emissions Unit Section**

**5 –CCB Plant-silo (flyash) w/silotop baghouse, 82T vertical subject to Reasonable Precautions**

**PART I: FILE REVIEW PRIOR TO INSPECTION**

1. Date of last inspection: 5/11/2010
2. Did the emissions unit use reasonable precautions during the last inspection? -----  Yes  No  
If not: a. Did the inspector perform a general VE test (20% opacity)? -----  Yes  No  
b. If tested: (\_\_\_\_\_)% opacity. Were the visible emissions < 20% opacity? -----  N/A  Yes  No  
c. What caused the problem(s) (if known)? \_\_\_\_\_

**PART II: FIELD OBSERVATIONS – Rule 62-296.414(2), F.A.C.**

**Unconfined Emissions from Truck Loading and Unloading, Hoppers, Storage and Conveying Equipment, Conveyor Drop Points, Roads, Parking Areas, Stock Piles, and Yards**

1. Does the owner/operator of the concrete batching plant take reasonable precautions to control unconfined emissions by:
- a. Management of roads, parking areas, stock piles, and yards, which shall include one or more of the following:
- 1) paving and maintenance of roads, parking areas, stock piles, and yards? -----  Yes  No
  - 2) application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions? -----  Yes  No
  - 3) removal of particulate matter from roads and other paved areas under control of the owner/operator to re-entrainment, and from building or work areas to reduce airborne particulate matter? -----  Yes  No
  - 4) reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles? -----  Yes  No
- b. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck? ----  Yes  No
2. If reasonable precautions not being taken:
- a. Did the inspector perform a general VE test (20% opacity)? -----  Yes  No
  - b. If tested: (\_\_\_\_\_)% opacity. Were the visible emissions < 20% opacity? -----  Yes  No
  - c. What caused the problem(s) (if known)? \_\_\_\_\_



**Emissions Unit Section**

**6 –CCB Plant-cement scale w/individual central dust collector subject to Reasonable Precautions**

**PART I: FILE REVIEW PRIOR TO INSPECTION**

1. Date of last inspection: 5/11/2010
2. Did the emissions unit use reasonable precautions during the last inspection? -----  Yes  No  
If not: a. Did the inspector perform a general VE test (20% opacity)? -----  Yes  No  
b. If tested: (\_\_\_\_\_)% opacity. Were the visible emissions < 20% opacity? -----  N/A  Yes  No  
c. What caused the problem(s) (if known)? \_\_\_\_\_

**PART II: FIELD OBSERVATIONS – Rule 62-296.414(2), F.A.C.**

**Unconfined Emissions from Truck Loading and Unloading, Hoppers, Storage and Conveying Equipment, Conveyor Drop Points, Roads, Parking Areas, Stock Piles, and Yards**

1. Does the owner/operator of the concrete batching plant take reasonable precautions to control unconfined emissions by:
- a. Management of roads, parking areas, stock piles, and yards, which shall include one or more of the following:
- 1) paving and maintenance of roads, parking areas, stock piles, and yards? -----  Yes  No
  - 2) application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions? -----  Yes  No
  - 3) removal of particulate matter from roads and other paved areas under control of the owner/operator to re-entrainment, and from building or work areas to reduce airborne particulate matter? -----  Yes  No
  - 4) reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles? -----  Yes  No
- b. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck? ----  Yes  No
2. If reasonable precautions not being taken:
- a. Did the inspector perform a general VE test (20% opacity)? -----  Yes  No
- b. If tested: (\_\_\_\_\_)% opacity. Were the visible emissions < 20% opacity? -----  Yes  No
- c. What caused the problem(s) (if known)? \_\_\_\_\_

## Facility Section (continued)

### CONFIRMATION OF GENERAL PERMIT ELIGIBILITY

(check  only one  
box for each question)

1. Does this facility keep records to show that it does not have the potential to emit:
  - a. 10 tons per year or more of any hazardous air pollutant? -----  Yes  No
  - b. 25 tons per year or more of any combination of hazardous air pollutants? -----  Yes  No
  - c. 100 tons per year or more of any other regulated air pollutant? -----  Yes  No
  
2. Does this facility include:
  - a. Any emission units or activities not covered by the applicable air general permit (with the exception of units and activities that are exempt from permitting pursuant to subsection Rule 62-210.300(3) or Rule 62-4.040, F.A.C.)? -----  Yes  No  
 If YES, what non-exempt units or activities? \_\_\_\_\_
  
  - b. Any emissions units or activities authorized by another air general permit where such other air general permit and this general permit specifically allow the use of one another at the same facility? -----  Yes  No  
 If YES, what other general permit units or activities? \_\_\_\_\_
  
3. Is the total combined annual facility-wide fuel usage of all plants less than or equal to:
  - a. 275,000 gallons of diesel fuel? -----  Yes  No
  - b. 23,000 gallons of gasoline? -----  Yes  No
  - c. 44 million standard cubic feet on natural gas? -----  Yes  No
  - d. 1.3 million gallons of propane? -----  Yes  No
  - e. Or an equivalent prorated amount if multiple fuels are used onsite (use equation below)? -----  Yes  No  

$$\frac{\text{gal diesel/yr}}{275,000 \text{ gal diesel/yr}} + \frac{\text{gal gasoline/yr}}{23,000 \text{ gal gasoline/yr}} + \frac{\text{MM SCF nat. gas/yr}}{44 \text{ MM SCF nat. gas/yr}} + \frac{\text{MM gal propane/yr}}{1.3 \text{ MM gal propane/yr}} \leq 1.00?$$
  
4. Has the owner/operator maintained, available for inspection, site-wide records of monthly fuel consumption for each consecutive 12-period for the past 5 years? -----  Yes  No

### GENERAL CONDITIONS

(check  only one  
box for each question)

1. Has the owner or operator allowed the circumvention of any air pollution control device, or allowed the emission of air pollutants without the proper operation of all applicable air pollution control devices? -----  Yes  No
2. Does the owner or operator:
  - a. Maintain the authorized facility in good condition? -----  Yes  No
  - b. Ensure that the facility maintains its eligibility to use the air general permit and complies with all terms and conditions of the air general permit? -----  Yes  No
3. Has the owner or operator allowed you, as the duly authorized representative of the Department, access to the facility at reasonable times to inspect and test and to determine compliance with the air general permit and Department rules? -----  Yes  No

**RELOCATABLE PLANT:**

(check  only one box for each question)

1. Is the facility: stationary ; relocatable ; or consisting of both stationary and relocatable  concrete batching and/or nonmetallic mineral processing plants? *(If only stationary, skip the following question 2.)*
2. Is the relocatable concrete batching plant used to mix cement and soil for onsite soil augmentation or stabilization? -----  Yes  No  
*(If YES, answer 2. a and 2. b; if NO, answer question 2.c below. )*
  - a. Did the owner or operator notify the appropriate Department or Local Air Program by telephone, e-mail, fax, or written communication at least one business day prior to changing location? -----  Yes  No
  - b. Did the owner or operator transmit a Facility Relocation Notification Form [DEP No. 62-210.900(6)] to the Department or Local Air Program no later than five business days following a relocation? ----  Yes  No
  - c. Did the owner or operator transmit a Facility Relocation Notification Form [DEP No. 62-210.900(6)] to the appropriate Department or Local Air Program at least five business days prior to relocation? ---  Yes  No
3. If the relocatable plant was co-located at a facility with a separate air construction or air operation permit, and the relocatable batch plant is not included as an emissions unit in that separate permit:
  - a. Was the relocatable batch plant being used for a non-routine purpose (i.e, there is no repeated usage)?  Yes  No  
 If YES, what was the purpose?
  - b. Were records kept by the owner/operator to indicate how long it was co-located at the permitted facility? -----  Yes  No  
 If YES, were any periods more than 6 months in duration? -----  Yes  No

**CHANGES**

(check  only one box for each question)

Administrative Changes:

1. Were there any changes in the name, address, or phone number of the facility or authorized representative not associated with a change in ownership or with a physical relocation of the facility or any emissions units or operations comprising the facility; or any other similar minor administrative change at the facility? ----  Yes  No
2. If YES, did the facility provide written notification within 30 days of the change? -----  Yes  No

New or Modified Process Equipment or Change in Ownership:

3. Since the last registration form submittal has there been
  - a. Installation of any new process equipment? -----  Yes  No
  - b. Alterations to existing process equipment without replacement? -----  Yes  No
  - c. Replacement of existing equipment with equipment that is substantially different? -----  Yes  No
  - d. A change in ownership? -----  Yes  No
4. If the answer to any question 3a. – d. is YES, was a new registration form and the appropriate fee submitted 30 days prior to the change? -----  Yes  No

Lauren Staly

7/29/13

Inspector's Name (Please Print)

Date of Inspection

*Lauren Staly*

Inspector's Signature

n/a

Approximate Date of Next Inspection

**COMMENTS:** The facility appears to be in good condition. Materials from the Type II basins are being removed this week.