

CONCRETE BATCHING PLANT



COMPLIANCE INSPECTION CHECKLIST

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

AIRS ID#: 1010005 **DATE:** 04092008 **ARRIVE:** 0700 **DEPART:** 0830

FACILITY NAME: FLORIDA ROCK INDUSTRIES, INC.

FACILITY LOCATION: 8430 ARCOLA AVENUE
HUDSON 34667

OWNER/AUTHORIZED REPRESENTATIVE: HUGH PERRY **PHONE:** (904)355-1781

CONTACT NAME: Mark Scott **PHONE:** (727)869-7416

ENTITLEMENT PERIOD: 10/24/2005 / 10/24/2010
(effective date) (end date)

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

IN COMPLIANCE MINOR Non-COMPLIANCE SIGNIFICANT Non-COMPLIANCE

PART II: TESTING/RECORDKEEPING REQUIREMENTS – Rule 62-296.414, F.A.C.

(check appropriate box(es))

Stack Emissions

1. Were visible emissions tests conducted during this site visit according to EPA Method 9 (Ref.: Chapter 62-297, F.A.C.)?----- Yes No
2. Are emissions from silos, weigh hoppers (batchers), and other enclosed storage and conveying equipment controlled to the extent necessary to limit visible emissions to 5 percent opacity?----- Yes No
3. During visible emissions tests of the silo dust collector exhaust points was the loading of the silo conducted at a rate that is representative of the normal silo loading rate, or at least at the minimum 25 tons per hour rate, unless such rate is unachievable in practice?----- Yes No
4. Are emissions from the weigh hopper (batcher) operation controlled by the silo dust collector? (If answer to this question is "Yes", then continue on to questions 4.a) and 4.b) below. If answer is "No" then skip 4.a) and 4.b) and continue on to question 5.)----- Yes No
 - a) Was the batching operation in operation during the visible emissions test?----- Yes No
 - b) During the visible emissions test, was the batching rate representative of the normal batching rate and duration?----- Yes No
5. If emissions from the weigh hopper (batcher) operation are controlled by a dust collector, which is separate from the silo dust collector, are the visible emissions tests of the weigh hopper (batcher) dust collector conducted while batching at a rate that is representative of the normal batching rate and duration?----- Yes No

PART II: TESTING/RECORDKEEPING REQUIREMENTS – Rule 62-296.414, F.A.C. – (continued)

(check appropriate box(es))

Compliance Demonstration - (Rule 62-296.401(5)(i), F.A.C.)

1. Is each dust collector exhaust point tested according to the visible emissions limiting standard as part of the annual compliance demonstration? (Rule 62-297.310(7)(a), F.A.C.)----- Yes No

New Facilities – (permitted pursuant to Rule 62-210.300(4), F.A.C., Air General Permits)

2. Did this facility demonstrate:
- a) initial compliance no later than 30 days after beginning operation?----- Yes No
- b) annual compliance within 60 days prior to each anniversary of the air general permit notification form submittal date?----- Yes No

Existing Facilities – (permitted pursuant to Rule 62-210.300(4), F.A.C., Air General Permits)

3. In order to demonstrate annual compliance, was an annual visible emissions test conducted 60 days prior to the AGP Notification form submission, and within 60 days prior to each anniversary date?----- Yes No

Test Reports – (Rules 62-213.440, F.A.C. and 62-297.310(8)(b), F.A.C.)

4. Was the required test report filed with the department as soon as practical, but no later than 45 days after the test was completed?----- Yes No

PART III: OPERATING/RECORDKEEPING REQUIREMENTS – Rule 62-210.300(4)(c)2., F.A.C.

(check appropriate box(es))

1. Is this facility: 1) a stationary ; 2) a relocatable ; or does it have: 3) both, stationary and relocatable concrete batching and/or nonmetallic mineral processing plants? (*Please check only one box.*)
2. If this is a stationary concrete batching plant, is there one or more relocatable nonmetallic mineral processing plants using individual air general permits at the same location? (*If your answer to this question is YES, then proceed to questions 2.a), thru 2.d), below.*)----- Yes No
- a) Are there any additional nonexempt units located at this facility?----- Yes No
- b) Is the total combined annual facility-wide fuel oil usage of all plants less than 240,000 gallons per calendar year?----- Yes No
- c) Is the quantity of material processed less than ten million tons per calendar year?----- Yes No
- d) Is the fuel oil sulfur content 0.5% by weight or less?----- Yes No
3. Does the owner/operator of the concrete batching plant maintain a log book or books to account for:
- a) fuel consumption on a monthly basis?----- Yes No
- b) material processed on a monthly basis?----- Yes No
- c) the sulfur content of the fuel being burned (Fuel supplier certifications)?----- Yes No

PART III: OPERATING/RECORDKEEPING REQUIREMENTS – Rule 62-296.414(2)(a) and (b), F.A.C. (continued)

(check appropriate box(es))

Unconfined Emissions – (Rule 62-296.320(4)(c), F.A.C.)

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

PART IV: SPECIAL CONDITIONS AND PROCEDURES – Rule 62-210.300(4)(d)4., F.A.C.

A. New or Modified Process Equipment

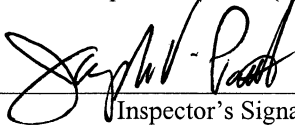
1. Since the last inspection has there been
- a) installation of any new process equipment?----- Yes No
 - b) alterations to existing process equipment without replacement?----- Yes No
 - c) replacement of existing equipment substantially different than that noted on the most recent notification form?----- Yes No
 - d) If you answered **YES** to any of the above, did the owner submit a new and complete notification form and appropriate fee (Rule 62-4.050, FAC) to the appropriate DEP or local program office?----- Yes No

Joseph V. Panetta

04092008

Inspector's Name (Please Print)

Date of Inspection



Inspector's Signature

Approximate Date of Next Inspection

COMMENTS: VE's were observed for EU's 001 and 002
Answers to questions left blank do not apply. Checklist needs to be updated.

APR 29 2008

Hughes, Rhonda~~SOUTHWEST DISTRICT~~
TAMPA

From: Debra Carter [dcarter@arlingtonenvironmental.com]
Sent: Monday, April 28, 2008 5:46 PM
To: Henry, Danielle D.; Hughes, Rhonda
Cc: Matt Wall; Katherine R. Chumley
Subject: 2121-V Test Report Florida Rock Industries, Inc. Hudson RM ID 1010005
Attachments: 2121-V Florida Rock Industries, Inc., Hudson ID 1010005.pdf

Attached is an Adobe Acrobat version of the following EPA Method 9 Visible Emission Test:

Report: 2121-V
ID: 1010005
Plant: Florida Rock Industries, Inc., Ready Mix
Date Tested: April 09, 2008

If you have any questions, or if you would like to receive a hard copy of this report, please call me at 863.467.0555 or email me at dcarter@arlingtonenvironmental.com

Thank you,

Debra Carter

Arlington Environmental Services, Inc.
Post Office Box 657
Okeechobee, FL 34973
Phone: 863.467.0555
Fax: 863.357.0810
Website: www.arlingtonenvironmental.com



Arlington Environmental Services, Inc.

"Specializing in Visible Emission and Stack Testing"

April 23, 2008

ELECTRONIC CORRESPONDENCE

Ms. Danielle Henry
Florida Department of
Environmental Protection
Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637

Re: Florida Rock Industries, Inc, Hudson Ready Mix
AIRS ID: 1010005

Dear Ms. Henry:

On April 09, 2008, EPA Method 9, Visible Emission Testing was conducted at Florida Rock Industries, Inc., Hudson Ready Mix, ID 1010005 located at 8430 Arcola Avenue in Hudson, Florida.

The tests were performed in order to comply with the procedures and conditions for use of a Florida Department of Environmental Protection Air General Permit Registration.

The tests were conducted by Ryan Peterson, a certified Visible Emissions Evaluator. A copy of the certification is attached.

If you have any questions, please feel free to call me at 863/467- 0555 or email me at barlington@arlingtonenvironmental.com.

Sincerely,

William Arlington

WDA/cp

Electronic copy to: Katherine R. Chumley and Dave Lavender, Florida Rock Industries, Inc.

ARMS UPDATED

Arlington Environmental Services, Inc.
(863) 467-0555

VISIBLE EMISSION TEST

Method used (Circle One) Method 9 203A 203B Report 2121-1-1

Company Name FL Rock Ind.
 Facility Name Hudson RIM AIRB 1010005
 Street Address 8430 Arcola av.
 City Hudson Zip _____
 Phone No. (727) 869-7416

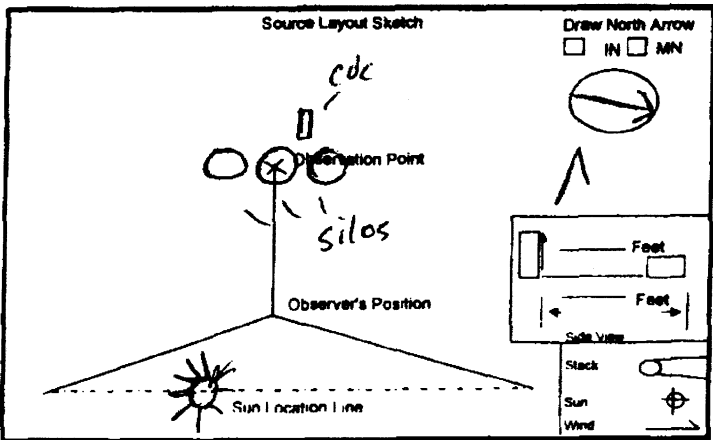
Process unload cement Unit # EV-02 Operating Mode ~35 tph
 Control Equipment Baghouse Operating Mode 10 psi/yr

Describe Emission Point BH on middle silo
 Alt of Emis. Point ~55' Pt. Rel to Observer ^
 Distance to Emis. Pt. ~165' Direction to Emis. Pt. (Degrees) 245°

Vertical Angle to Obs. 18° Direction to Obs. Pt. (Degrees) —
 Distance and Direction to Obs. Pt. from Emission Pt. —

Describe Emissions None
 Emission Color None Water Droplet Plume Attached Detached None

Describe Plume Background sky
 Background Color gray Sky Conditions broken
 Wind Speed ~2-4 mph Wind Direction E
 Ambient Temp. 80° Wet Bulb Temp. — % RH —



Latitude _____ Longitude _____ Declination _____

Comments 26.63 tons of cement
2 pods / 30 min.

Observation Date 4/9/08 Start Time 7:57 Stop Time 8:29

Min Sec	0				15				30				45			
1	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
2	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
3	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
4	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
5	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
6	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
7	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
8	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
9	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
10	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
11	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
12	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
13	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
14	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
15	<u>Checked</u>															
16	<u>fraker</u>															
17	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
18	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
19	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
20	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
21	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
22	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
23	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
24	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
25	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
26	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
27	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
28	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
29	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
30	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

Number of Readings Above _____ % were _____ Average Opacity for Highest 6 Min Period 0%
 Range of opacity Readings Min 0% Max 0% Average Opacity for 2nd Highest 6 Min Period _____
 Observers Name (Print) Ryan Peterson
 Observers Signature Ryan Peterson Date 4/9/08
 Organization Arlington Environmental Services, Inc.
 Certified By ETA Date 2/12/08

ARMS UPDATED

Arlington Environmental Services, Inc.
(863) 467-0555

VISIBLE EMISSION TEST

Method Used (Circle One) Method 9 203A 203B Report 2121-r-2

Company Name FL Rock Ind.
 Facility Name Hudson R/M NPS 1010005
 Street Address 8430 Arcola av.
 City Hudson Zip _____
 Phone No. (727) 869-7416

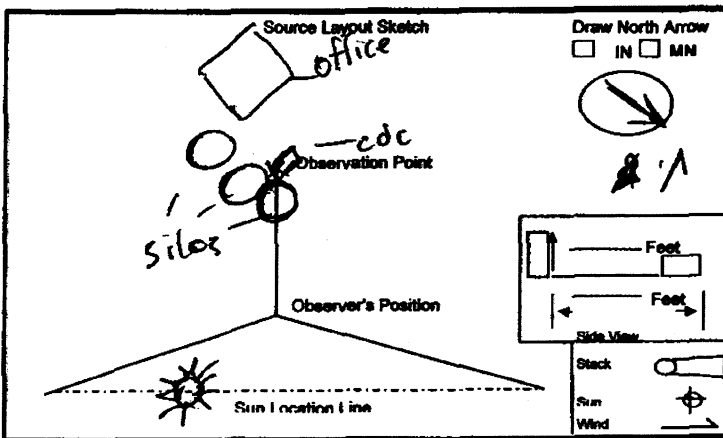
Process Mixers batching Unit # EU-01 Operating Mode normal
 Control Equipment central dust collector Operating Mode normal

Describe Emission Point vent on cdc
 Ht of Emis. Point ~15' Ht Ref to Observer ~10'
 Distance to Emis. Pt. ~40' Direction to Emis. Pt (Degrees) 235°

Vertical Angle to Obs. 16° Direction to Obs. Pt. (Degrees) -
 Distance and Direction to Obs. Pt from Emission Pt -

Describe Emissions None
 Emission Color None Water Droplet Plume Attached Detached None

Describe Plume Background sky
 Background Color gray Sky Conditions broken
 Wind Speed ~0-4 mph Wind Direction E
 Ambient Temp. 80° Wet Bulb Temp. _____ % RH _____



Latitude _____ Longitude _____ Declination _____

Comments _____

Observation Date 4/9/08 Start Time 7:47 Stop Time 8:03

Min Sec	4/9/08				Min Sec	8:03			
	0	15	30	45		0	15	30	45
1	0	0	0	0	31				
2	0	0	0	0	32				
3	0	0	0	0	33	truck	1		
4	0	0	0	0	34				
5	0	0	0	0	35				
6					36				
7	0	0	0	0	37	truck	2		
8	0	0	0	0	38	7:57	start		
9	0	0	0	0	39				
10	0	0	0	0	40				
11	0	0	0	0	41				
12	0	0	0	0	42				
13					43				
14					44				
15					45				
16					46				
17					47				
18					48				
19					49				
20					50				
21					51				
22					52				
23					53				
24					54				
25					55				
26					56				
27					57				
28					58				
29					59				
30					60				

Number of Readings Above _____ % were 0
 Range of opacity Readings Min 02 Max 02
 Average Opacity for Highest 6 Min Period 02
 Average Opacity for 2nd Highest 6 Min _____

Observers Name (Print) _____
 Observers Signature Ryan Peterson Date 4/9/08
 Organization Arlington Environmental Services, Inc.
 Certified By ETA Date 1/13/08

ARMS UPDATED

Arlington Environmental Services, Inc.
(863) 467-0555

VISIBLE EMISSION TEST

Method Used (Circle One)
 Method 9 203A 203B Report 2121-V-3

Company Name FL Rock Ind.
 Facility Name Hudson RM AIRB 1010005
 Street Address 8430 Arcola av.
 City Hudson Zip _____
 Phone No. (727) 869-7416

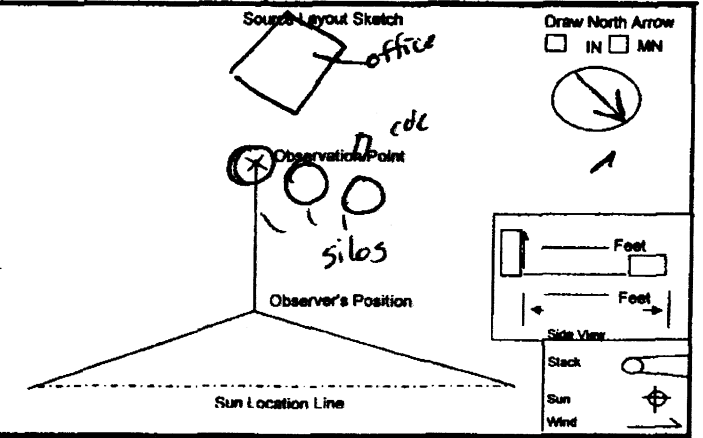
Process inload flyash Unit # EU-03 Operating Mode ~ Blatch
 Control Equipment Baghouse Operating Mode 10 psi/g

Describe Emission Point Blk on south silo
 Ht of Emis. Point ~ 55' Ht Rel to Observer ~ 50'
 Distance to Emis. Pt. ~ 165' Direction to Emis. Pt (Degrees) 235°

Vertical Angle to Obs. 18° Direction to Obs. Pt. (Degrees) -
 Distance and Direction to Obs. Pt from Emission Pt. -

Describe Emissions
 Emission Color None Water Droplet Phase None
 Attached Detached None

Describe Plume Background
 Background Color gray Sky Conditions broken
 Wind Speed ~ 0-4 mph Wind Direction E
 Ambient Temp. 80° Wet Bulb Temp. - % RH -



Latitude _____ Longitude _____ Declination _____

Comments 26.83 tons of flyash
2 pods / 30 min.

Observation Date					Start Time					Stop Time						
4/9/08					8:20					8:50						
Min	0	15	30	45	Sec	Min	0	15	30	45	Sec	Min	0	15	30	45
1	0	0	0	0	31											
2	0	0	0	0	32											
3	0	0	0	0	33											
4	0	0	0	0	34											
5	0	0	0	0	35											
6	0	0	0	0	36											
7	0	0	0	0	37											
8	0	0	0	0	38											
9	0	0	0	0	39											
10	0	0	0	0	40											
11	0	0	0	0	41											
12	0	0	0	0	42											
13	0	0	0	0	43											
14	0	0	0	0	44											
15	0	0	0	0	45											
16	0	0	0	0	46											
17	0	0	0	0	47											
18	0	0	0	0	48											
19	0	0	0	0	49											
20	0	0	0	0	50											
21	0	0	0	0	51											
22	0	0	0	0	52											
23	0	0	0	0	53											
24	0	0	0	0	54											
25	0	0	0	0	55											
26	0	0	0	0	56											
27	0	0	0	0	57											
28	0	0	0	0	58											
29	0	0	0	0	59											
30	0	0	0	0	60											

Number of Readings Above _____ % were _____
 Average Opacity for Highest 6 Min Period 0%
 Range of opacity Readings Min 0% Max 0%
 Average Opacity for 2nd Highest 6 Min Period -

Observer's Name (Print) Ryan Peterson
 Observer's Signature Ryan Peterson Date 4/9/08
 Organization Arlington Environmental Services, Inc.
 Certified By ETA Date 2/12/08

ARMS UPDATED



Arlington Environmental Services, Inc.
(863) 467-0555

VISIBLE EMISSION TEST

Method Used (Circle One)
Method 9

203A 203B Report # 2121-V-4

Company Name FL Rock Ind.

Facility Name Hudson R/M AIRS 1010005

Street Address 2430 Arcada av.

City Hudson Zip _____

Phone No. (727) 862-7416

Process Unload slag Unit # EU-04 Operating Mode ~ 34 tph

Control Equipment Baghouse Operating Mode 10 psi/g

Describe Emission Point Bit on north silo

Ht of Emis. Point ~ 55' Pnt Rel to Observer ~ 50'

Distance to Emis. Pt. ~ 160' Direction to Emis. Pt (Degrees) 260°

Vertical Angle to Obs. 18° Direction to Obs. Pt. (Degrees) -

Distance and Direction to Obs. Pt from Emission Pt -

Describe Emissions none

Emission Color none Water Droplet Plume None

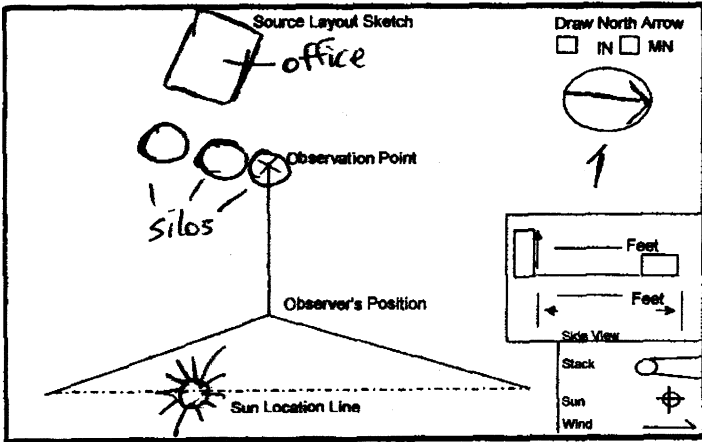
Attached Detached None

Describe Plume Background sky

Background Color gray Sky Conditions broken

Wind Speed ~ 0.4 mph Wind Direction E

Ambient Temp. 80° Wet Bulb Temp. - % RH -



Latitude _____ Longitude _____ Declination _____

Comments 25.65 tons of slag

2 pads / 30 min.

Observation Date		4/9/08				Start Time		9:16				Stop Time		9:46			
Min	Sec	0	15	30	45	Min	Sec	0	15	30	45	0	15	30	45		
1		0	0	0	0	31											
2		0	0	0	0	32											
3		0	0	0	0	33											
4		0	0	0	0	34											
5		0	0	0	0	35											
6		0	0	0	0	36											
7		0	0	0	0	37											
8		0	0	0	0	38											
9		0	0	0	0	39											
10		0	0	0	0	40											
11		0	0	0	0	41											
12		0	0	0	0	42											
13		0	0	0	0	43											
14		0	0	0	0	44											
15		0	0	0	0	45											
16		0	0	0	0	46											
17		0	0	0	0	47											
18		0	0	0	0	48											
19		0	0	0	0	49											
20		0	0	0	0	50											
21		0	0	0	0	51											
22		0	0	0	0	52											
23		0	0	0	0	53											
24		0	0	0	0	54											
25		0	0	0	0	55											
26		0	0	0	0	56											
27		0	0	0	0	57											
28		0	0	0	0	58											
29		0	0	0	0	59											
30		0	0	0	0	60											

Number of Readings Above _____ % were _____

Average Opacity for Highest 6 Min Period 0%

Range of opacity Readings

Min 0% Max 0% Average Opacity for 2nd Highest 6 Min Period -

Observers Name (Print) Ryan Peterson

Observers Signature Ryan Peterson Date 4/9/08

Organization Arlington Environmental Services, Inc.

Certified By ETA Date 2/12/08

EASTERN TECHNICAL ASSOCIATES

RYAN PETERSON

PET910498 STUDENT ID NUMBER

met the specifications of Federal Reference Method 5 and qualifies 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, NC. This certificate is valid for six months from date of issue and expires on the date below.

TAMPA, FL	2/13/2008	359747
SCHOOL LOCATION	DATE OF SCHOOL	CERT NUMBER
JAXS07	8/14/2008	
LAST LECTURE	CERTIFICATION EXP DATE	BEARER

EPA VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)
 Method 9 203A 203B Other: _____

Company Name: **FL Rock inc**
 Facility Name: **Hudson R/W 10/0005**
 Street Address: **8432 Arcola Ave.**
 City: **Hudson** State: **FL** Zip: **34667**

Process: **Truck Loadout** Unit #: **01** Operating Mode: **Normal**
 Control Equipment: **CDC** Operating Mode: **Normal**

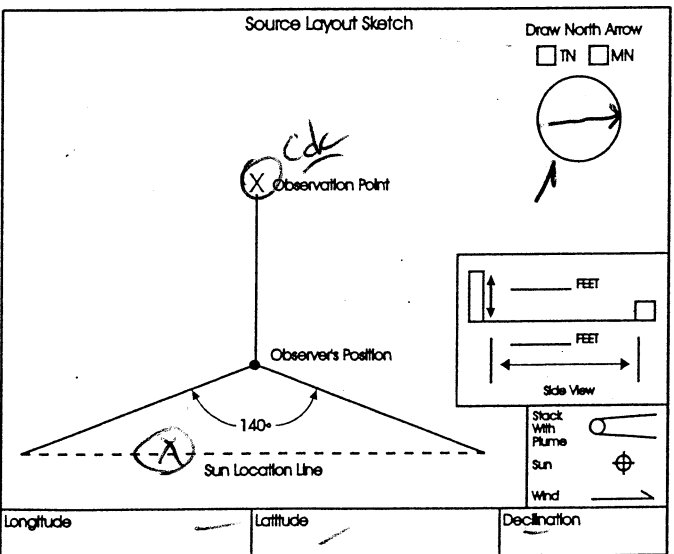
Describe Emission Point: **Vent on CDC**

Height of Emiss. Pt. Height of Emiss. Pt. Rel. to Observer
 Start **16'** End **—** Start **11'** End **—**
 Distance to Emiss. Pt. Direction to Emiss. Pt. (Degrees)
 Start **40'** End **—** Start **235°** End **—**

Vertical Angle to Obs. Pt. Direction to Obs. Pt. (Degrees)
 Start **16°** End **—** Start **—** End **—**
 Distance and Direction to Observation Point from Emission Point
 Start **—** End **—**

Describe Emissions: **None**
 Start **None** End **—**
 Emission Color: **None** Water Droplet Plume: **None**
 Start **None** End **—** Attached Detached None

Describe Plume Background
 Start **Sky** End **—**
 Background Color: **Sky** Sky Conditions: **Drizzle**
 Start **Sky** End **—** Start **Drizzle** End **—**
 Wind Speed: **5-5 mph** Wind Direction: **E**
 Start **5-5 mph** End **—** Start **E** End **—**
 Ambient Temp.: **80°** Wet Bulb Temp.: **—** RH Percent: **—**
 Start **80°** End **—** Start **—** End **—** Start **—** End **—**



Additional Information: **LOAN**

Form Number: _____ Page: **1** of **1**
 Continued on VEO Form Number: _____

Observation Date		Time Zone				Start Time		End Time			
Min	Sec	0	15	30	45	Min	Sec	0	15	30	45
1	0	0	0	0	0	1	0				
2	0	0	0	0	0	2	0				
3	0	0	0	0	0	3	0				
4	0	0	0	0	0	4	0				
5	0	0	0	0	0	5	0				
6						6					
7						7					
8						8					
9						9					
10						10					
11						11					
12						12					
13						13					
14						14					
15						15					
16						16					
17						17					
18						18					
19						19					
20						20					
21						21					
22						22					
23						23					
24						24					
25						25					
26						26					
27						27					
28						28					
29						29					
30						30					

Truck #1

Observer Name (Print): **Joseph V. Pinetti**
 Observer's Signature: *Joseph V. Pinetti* Date: **4/9/08**
 Organization: **FL DEP**
 Certified By: **ETA** Date: **2/14/2008**

EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number	Page 1 of 1
Continued on VEO Form Number	

Method Used (Circle One)
 Method 9 203A 2038 Other: _____

Company Name: **FL Rock Inc**
 Facility Name: **Hudson READY MIX 1010005**
 Street Address: **8430 Alcola Ave**
 City: **Hudson** State: **FL** Zip: **34667**

Process: **Silo Loading** Unit #: **02** Operating Mode: **~ 25 T/A**
 Control Equipment: **Btghover** Operating Mode: **12-13 PST**

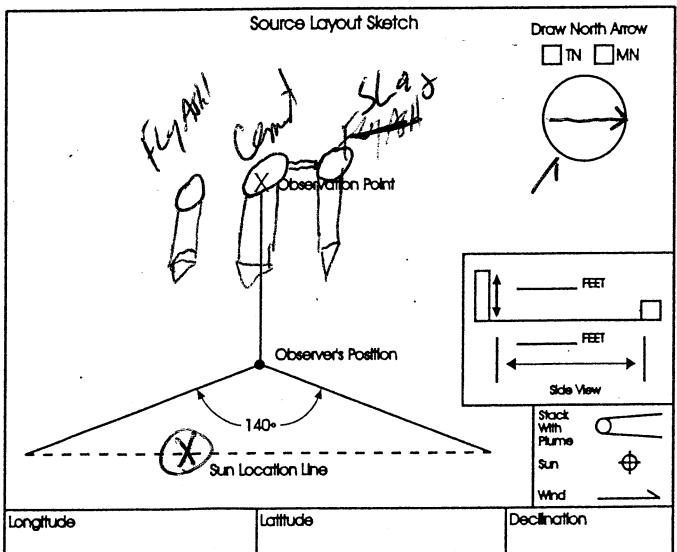
Describe Emission Point: **Bt. on Silo**

Height of Emiss. Pt. Start: **~ 55'** End: _____ Height of Emiss. Pt. Rel. to Observer Start: **~ 50'** End: _____
 Distance to Emiss. Pt. Start: **~ 165** End: _____ Direction to Emiss. Pt. (Degrees) Start: **~ 165** End: _____

Vertical Angle to Obs. Pt. Start: **19°** End: _____ Direction to Obs. Pt. (Degrees) Start: **230°** End: _____
 Distance and Direction to Observation Point from Emission Point Start: _____ End: _____

Describe Emissions: **None**
 Start: _____ End: _____ Water Droplet Plume: Attached Detached None
 Emission Color: **None** Start: **None** End: _____

Describe Plume Background: **SKY**
 Start: _____ End: _____ Sky Conditions: **Sunny** Start: **5:00** End: _____
 Background Color: _____ Wind Direction: **E**
 Wind Speed: **5-10 mph** Start: _____ End: _____ Ambient Temp.: **80°** West Bulb Temp.: _____ RH Percent: _____
 Start: **80°** End: **80°**



Longitude: _____ Latitude: _____ Declination: _____

Additional Information: **Conet Silo 12-13 PSI**
30 minute Test

Observation Date		Time Zone				Start Time		End Time			
Sec	Min	0	15	30	45	Sec	Min	0	15	30	45
1	0	0	0	0	0	1					
2	0	0	0	0	0	2					
3	0	0	0	0	0	3					
4	0	0	0	0	0	4					
5	0	0	0	0	0	5					
6	0	0	0	0	0	6					
7	0	0	0	0	0	7					
8	0	0	0	0	0	8					
9	0	0	0	0	0	9					
10	0	0	0	0	0	10					
11	0	0	0	0	0	11					
12	0	0	0	0	0	12					
13	0	0	0	0	0	13					
14	0	0	0	0	0	14					
15	0	0	0	0	0	15					
16	0	0	0	0	0	16					
17	0	0	0	0	0	17					
18	0	0	0	0	0	18					
19	0	0	0	0	0	19					
20	0	0	0	0	0	20					
21	0	0	0	0	0	21					
22	0	0	0	0	0	22					
23	0	0	0	0	0	23					
24	0	0	0	0	0	24					
25	0	0	0	0	0	25					
26	0	0	0	0	0	26					
27	0	0	0	0	0	27					
28	0	0	0	0	0	28					
29	0	0	0	0	0	29					
30	0	0	0	0	0	30					

Observer's Name (Print): **Joseph V. Panetti**
 Observer's Signature: _____ Date: **4/9/08**
 Organization: **FL DEP**
 Certified By: **ETA** Date: **2/14/2008**