

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Form Number: \_\_\_\_\_ Page 1 of 2  
 Continued on VEO Form Number: \_\_\_\_\_

Company Name: Florida Rock Industries  
 Facility Name: Punta Gorda Plant  
 Street Address: 2901 S. Cooper Street  
 City: Punta Gorda State: FL Zip: \_\_\_\_\_

Process: Flyash Tanker Unleady Unit #: 1 Operating Mode: 26,55 tons  
 Control Equipment: Baghouse Operating Mode: 10 psi

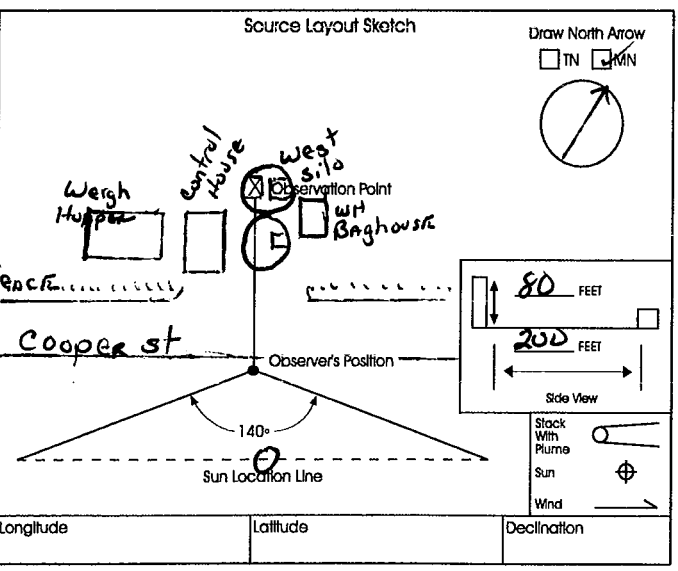
Describe Emission Point:  
Western silo, South baghouse

Height of Emiss. Pt. Start: 80' End: 80' Height of Emiss. Pt. Rel. to Observer Start: 80' End: 80'  
 Distance to Emiss. Pt. Start: 200' End: 200' Direction to Emiss. Pt. (Degrees) Start: 311° End: 311°

Vertical Angle to Obs. Pt. Start: 23° End: 23° Direction to Obs. Pt. (Degrees) Start: 311° End: 311°  
 Distance and Direction to Observation Point from Emission Point Start: 0 End: 0

Describe Emissions  
 Start: None End: None  
 Emission Color Start: N/A End: N/A Water Droplet Plume Attached  Detached  None

Describe Plume Background  
 Start: Sky End: Sky  
 Background Color Start: White End: White Sky Conditions Start: Broken End: Broken  
 Wind Speed Start: 6 mph End: 4 mph Wind Direction Start: SSE End: S  
 Ambient Temp. Start: 79°F End: 81°F Wet Bulb Temp. \_\_\_\_\_ RH Percent 89%



Min	Sec				Comments
	0	15	30	45	
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	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14					Telephone call
15					
16					
17					
18					
19					
20					
21					
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	

Additional Information  
Load rate - 31.86 tph

Observer's Name (Print): Sherrill Colliver  
 Observer's Signature: Sherrill Colliver Date: 8/17/11  
 Organization: FDEP  
 Certified By: ETA Date: 8/11

# EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number						Page		Of	
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Method Used (Circle One)			
Method 9	203A	203B	Other: _____

Company Name <i>Florida Rock Indust.</i>		
Facility Name		
Street Address		
City	State	Zip

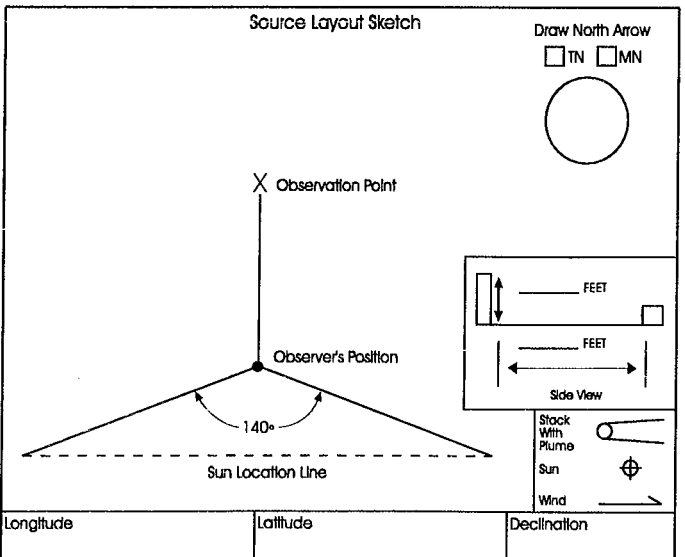
Process <i>Flyash</i>	Unit # <i>1</i>	Operating Mode
Control Equipment		Operating Mode

Describe Emission Point			
Height of Emis. Pt.		Height of Emis. Pt. Rel. to Observer	
Start	End	Start	End
Distance to Emis. Pt.		Direction to Emis. Pt. (Degrees)	
Start	End	Start	End

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

Describe Emissions			
Start	End		
Emission Color		Water Droplet Plume	
Start	End	Attached <input type="checkbox"/>	Detached <input type="checkbox"/> None <input type="checkbox"/>

Describe Plume Background			
Start	End		
Background Color		Sky Conditions	
Start	End	Start	End
Wind Speed		Wind Direction	
Start	End	Start	End
Ambient Temp.		Wet Bulb Temp.	RH Percent
Start	End		



Sec Min	Time Zone				Start Time	End Time	Comments
	0	15	30	45			
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
20	<input type="radio"/>	<input type="radio"/>					
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Observer's Name (Print)	
Observer's Signature	Date
Organization	
Certified By	Date

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Form Number \_\_\_\_\_ Page 1 Of 2  
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Company Name  
Florida Rock Industries

Facility Name  
Punta Gorda Plant

Street Address  
2901 S. Cooper Street

City  
Punta Gorda    State  
FL    Zip  
\_\_\_\_\_

Observation Date  
8/17/11    Time Zone \_\_\_\_\_    Start Time  
8:05am    End Time  
8:48am

Process  
Slag Tanker Unload    Unit #  
2    Operating Mode  
26.48 tons

Control Equipment  
Baghouse    Operating Mode  
10psi

Min	Sec				Comments
	0	15	30	45	
1	○	○	○	○	
2	○	○	○	○	
3	○	○	○	○	
4	○	○	○	○	
5	○	○	○	○	
6	○	○	○	○	
7	○	○	○	○	
8	○	○	○	○	
9	○	○	○	○	
10	○	○	○	○	
11	○	○	○	○	
12	○	○	○	○	
13	○	○	○	○	
14					Telephone call
15					
16					
17					
18					
19					
20					
21					
22	○	○	○	○	
23	○	○	○	○	
24	○	○	○	○	
25	○	○	○	○	
26	○	○	○	○	
27	○	○	○	○	
28	○	○	○	○	
29	○	○	○	○	
30	○	○	○	○	

Describe Emission Point  
Shorter Eastern Silo with single baghouse

Height of Emis. Pt.  
Start 70'    End 70'    Height of Emis. Pt. Rel. to Observer  
Start 70'    End 70'

Distance to Emis. Pt.  
Start 200'    End 200'    Direction to Emis. Pt. (Degrees)  
Start 311°    End 311°

Vertical Angle to Obs. Pt.  
Start 20°    End 20°    Direction to Obs. Pt. (Degrees)  
Start 311°    End 311°

Distance and Direction to Observation Point from Emission Point  
Start 0    End 0

Describe Emissions  
Start None    End None

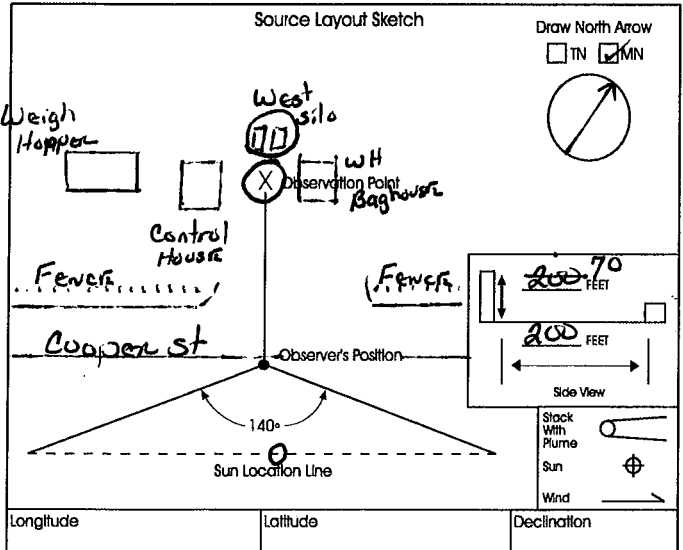
Emission Color  
Start N/A    End N/A    Water Droplet Plume  
Attached     Detached     None

Describe Plume Background  
Start Sky    End Sky

Background Color  
Start White    End White    Sky Conditions  
Start Broken    End Broken

Wind Speed  
Start 4mph    End 4mph    Wind Direction  
Start SSE    End S

Ambient Temp.  
Start 79°F    End 81°F    Wet Bulb Temp.  
\_\_\_\_\_    RH Percent  
\_\_\_\_\_ 89%



Additional Information  
Load rate - 35.3 tph

Observer's Name (Print)  
Sherrill Culliver

Observer's Signature  
Sherrill Culliver    Date  
8/17/11

Organization  
FDEP

Certified By  
ETA    Date  
8/11

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Form Number \_\_\_\_\_ Page \_\_\_\_\_ Of \_\_\_\_\_  
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Company Name  
*Florida Rock Indust*

Facility Name \_\_\_\_\_

Street Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Process: *Slag*      Unit # *2*      Operating Mode \_\_\_\_\_  
 Control Equipment \_\_\_\_\_      Operating Mode \_\_\_\_\_

Describe Emission Point

Height of Emiss. Pt. \_\_\_\_\_      Height of Emiss. Pt. Rel. to Observer \_\_\_\_\_  
 Start \_\_\_\_\_ End \_\_\_\_\_      Start \_\_\_\_\_ End \_\_\_\_\_  
 Distance to Emiss. Pt. \_\_\_\_\_      Direction to Emiss. Pt. (Degrees) \_\_\_\_\_  
 Start \_\_\_\_\_ End \_\_\_\_\_      Start \_\_\_\_\_ End \_\_\_\_\_

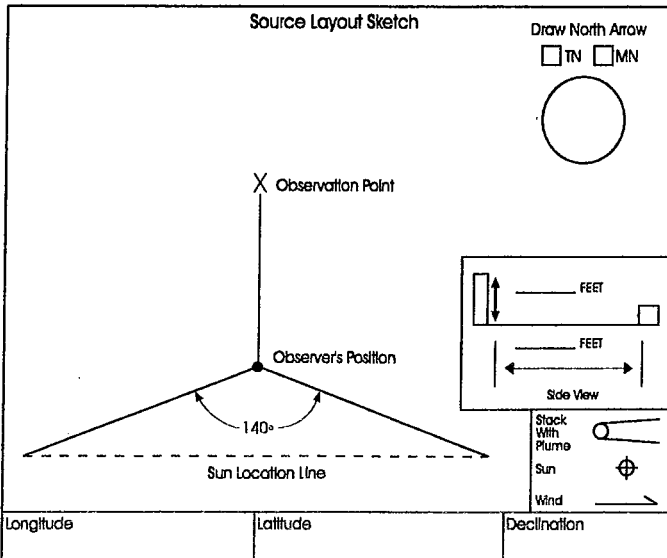
Vertical Angle to Obs. Pt. \_\_\_\_\_      Direction to Obs. Pt. (Degrees) \_\_\_\_\_  
 Start \_\_\_\_\_ End \_\_\_\_\_      Start \_\_\_\_\_ End \_\_\_\_\_  
 Distance and Direction to Observation Point from Emission Point \_\_\_\_\_  
 Start \_\_\_\_\_ End \_\_\_\_\_

Describe Emissions

Start \_\_\_\_\_ End \_\_\_\_\_      Water Droplet Plume \_\_\_\_\_  
 Emission Color \_\_\_\_\_      Attached  Detached  None

Describe Plume Background

Start \_\_\_\_\_ End \_\_\_\_\_      Sky Conditions \_\_\_\_\_  
 Background Color \_\_\_\_\_      Start \_\_\_\_\_ End \_\_\_\_\_  
 Wind Speed \_\_\_\_\_      Wind Direction \_\_\_\_\_  
 Start \_\_\_\_\_ End \_\_\_\_\_      Start \_\_\_\_\_ End \_\_\_\_\_  
 Ambient Temp. \_\_\_\_\_      Wet Bulb Temp. \_\_\_\_\_ RH Percent \_\_\_\_\_  
 Start \_\_\_\_\_ End \_\_\_\_\_



Sec Min	Time Zone				Start Time	End Time	Comments
	0	15	30	45			
1							
2							
3							
4							
5							
6							
7							
8							
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28							
29							
30							

Observer's Name (Print) \_\_\_\_\_

Observer's Signature \_\_\_\_\_ Date \_\_\_\_\_

Organization \_\_\_\_\_

Certified By \_\_\_\_\_ Date \_\_\_\_\_

Additional Information

\_\_\_\_\_

\_\_\_\_\_

# EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number					Page	1	Of	2
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Method Used (Circle One)  
Method 9    203A    203B    Other: \_\_\_\_\_

Company Name  
**Florida Rock Industries**

Facility Name  
**Punta Gorda Plant**

Street Address  
**2901 S. Cooper Street**

City  
**Punta Gorda**    State  
**FL**    Zip

Process  
**Cement Tanker unloading**    Unit #  
**3**    Operating Mode  
**26.71 tons**

Control Equipment  
**Baghouse**    Operating Mode  
**10 psi**

Describe Emission Point  
**Western silo, North baghouse**

Height of Emiss. Pt.		Height of Emiss. Pt. Rel. to Observer	
Start <b>80'</b>	End <b>80'</b>	Start <b>80'</b>	End <b>80'</b>
Distance to Emiss. Pt.		Direction to Emiss. Pt. (Degrees)	
Start <b>200'</b>	End <b>200'</b>	Start <b>311</b>	End <b>311</b>

Vertical Angle to Obs. Pt.		Direction to Obs. Pt. (Degrees)	
Start <b>23</b>	End <b>23</b>	Start <b>311</b>	End <b>311</b>
Distance and Direction to Observation Point from Emission Point			
Start <b>0</b>			End <b>0</b>

Describe Emissions

Start **None**    End **None**

Emission Color

Start **N/A**    End **N/A**    Attached     Detached     None

Describe Plume Background

Start **Sky**    End **Sky**

Background Color

Start **White**    End **White**    Sky Conditions

Start **Broken**    End **Broken**

Wind Speed

Start **6mph**    End **4mph**    Wind Direction

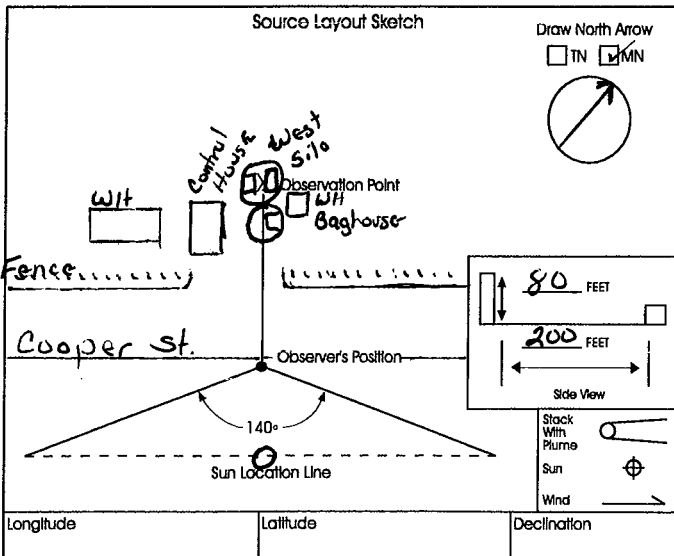
Start **SSE**    End **S**

Ambient Temp.

Start **79°F**    End **81°F**    Wet Bulb Temp.

RH Percent

**89%**



Min	Sec				Comments
	0	15	30	45	
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	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14					Telephone call
15					call
16					
17					
18					
19					
20					
21					
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	

Additional Information

**Load Rate - 28.62 tph**

Observer's Name (Print)  
**Sherrill Colliver**

Observer's Signature  
*Sherrill Colliver*    Date  
**8/17/11**

Organization  
**FDEP**

Certified By  
**ETA**    Date  
**8/11**

# EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number					Page	2	Of	2
Continued on VEO Form Number								

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

Company Name <i>Florida Rock Indust</i>		
Facility Name		
Street Address		
City	State	Zip

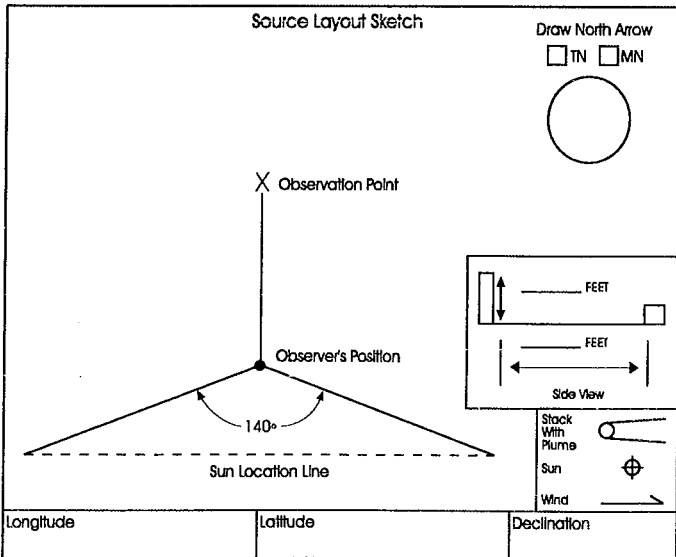
Process <i>Cement</i>	Unit # <i>3</i>	Operating Mode
Control Equipment		Operating Mode

Describe Emission Point			
Height of Emis. Pt.		Height of Emis. Pt. Rel. to Observer	
Start	End	Start	End
Distance to Emis. Pt.		Direction to Emis. Pt. (Degrees)	
Start	End	Start	End

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

Describe Emissions			
Start			End
Emission Color		Water Droplet Plume	
Start	End	Attached <input type="checkbox"/>	Detached <input type="checkbox"/> None <input type="checkbox"/>

Describe Plume Background			
Start			End
Background Color		Sky Conditions	
Start	End	Start	End
Wind Speed		Wind Direction	
Start	End	Start	End
Ambient Temp.		Wet Bulb Temp.	RH Percent
Start	End		



Additional Information	

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

Observer's Name (Print)	
Observer's Signature	Date
Organization	
Certified By	Date