

EPA VISIBLE EMISSION OBSERVATION FORM 1

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Method Used (Circle One)
 Method 7 203A 203B Other: _____

Company Name: Florida Rock Industries
 Facility Name: Fort Pierce Quarry
 Street Address: 12525 Range Line Rd
 City: Port St. Lucie State: FL Zip: 34987

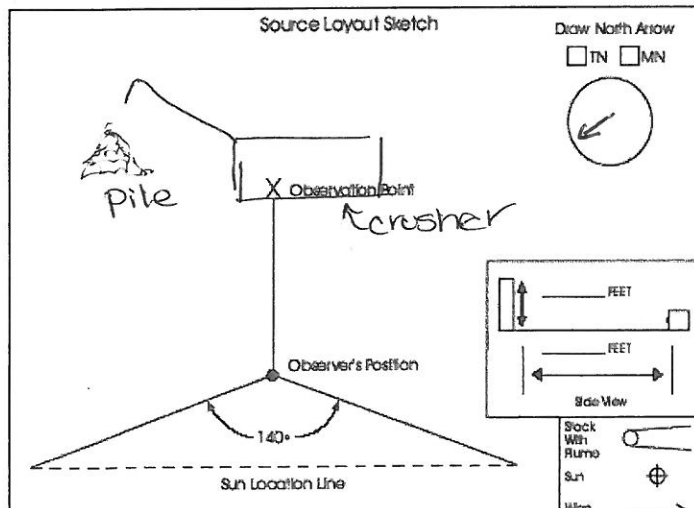
Process: Grasan Crusher Unit # 1 Operating Mode: 400 tons/hr
 Control Equipment: None Operating Mode: N/A

Describe Emission Point:
Screening Operation
Hopper to Grizzly Feed
 Height of Emiss. Pt.: Start 15 ft. End 15 ft. Height of Emiss. Pt. Rel. to Observer: Start 5 ft. End 5 ft.
 Distance to Emiss. Pt.: Start 15 ft. End 15 ft. Direction to Emiss. Pt. (Degrees): Start 310° End 310°

Vertical Angle to Obs. Pt.: Start _____ End _____ Direction to Obs. Pt. (Degrees): Start 310° End 310°
 Distance and Direction to Observation Point from Emission Point:
 Start _____ End _____

Describe Emissions:
 Start Dust End Fugitive Emission Color: Light Brown
 Water Droplet Plume: Attached Detached None

Describe Plume Background:
 Start Crusher End Crusher Background Color: Gray Sky Conditions: Clear
 Wind Speed: Start 6-7 End 6-7 mph Wind Direction: Start NE End NE
 Ambient Temp.: Start 84° F End 84° F Wet Bulb Temp.: _____ RH Percent: 70%



Longitude: _____ Latitude: _____ Declination: _____

Additional Information: _____

Sec Min	Time Zone				Start Time	End Time	Comments
	0	15	30	45			
11/23/10 EST 2:23 2:31							
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	5	0	5			
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Observer's Name (Print): Michelle Robinson-Austin
 Observer's Signature: Michelle Robinson-Austin Date: 11/23/2010
 Organization: FDEP
 Certified By: ETA Date: 7/2010

EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name: **Florida Rock Industries**
 Facility Name: **Fort Pierce Quarry**
 Street Address: **12525 Range Line Rd.**
 City: **Port St. Lucie, FL** State: **FL** Zip: **34987**

Process: **Grasan Crusher** Unit # **2** Operating Mode: **400 tons/hr**
 Control Equipment: **None** Operating Mode: **N/A**

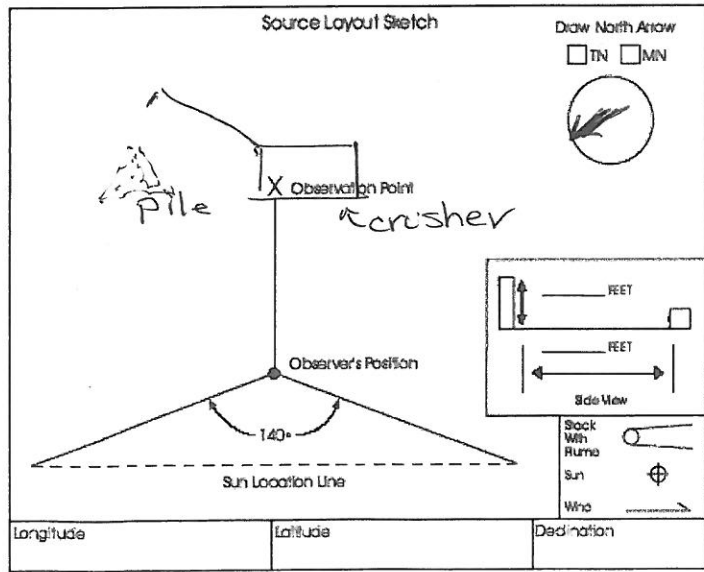
Describe Emission Point:
Crusher
Screening operation to Crusher

Height of Emis. Pt. Rel. to Observer:
 Start **17 ft** End **77 ft** Start **7 ft** End **77 ft**
 Distance to Emis. Pt.: Direction to Emis. Pt. (Degrees)
 Start **15 ft** End **15 ft** Start **310°** End **310°**

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 **Fumigating** End **Fumigating**
 Emission Color: **light brown** Water Droplet Plume:
 Start **light brown** End **~** Attached Detached None

Describe Plume Background:
 Start **gray crusher** End **gray**
 Background Color: **gray** Sky Conditions: **clear**
 Start **gray** End **~** Start **clear** End **clear**
 Wind Speed: **4-6** Wind Direction: **NE**
 Start **4-6** End **6-7** Start **NE** End **NE**
 Ambient Temp: **84°F** Wet Bulb Temp: **70%**
 Start **84°F** End **84°F** RH Percent: **70%**



Longitude: _____ Latitude: _____ Destination: _____

Additional Information:

Sec Min	Time Zone				Start Time	End Time	Comments
	0	15	30	45			
1	0	0	0	0	2:11	2:19	
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	5	5			
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Observer's Name (Print): **Michelle Robinson-Austin**
 Observer's Signature: **Michelle Robinson** Date: **11/23/2010**
 Organization: **FDEP**
 Certified By: **ETA** Date: **7/2010**

EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Form Number _____ Page 1 of 1
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Company Name
Florida Rock Industries

Facility Name
Fort Pierce Quarry

Street Address
12525 Range Line Rd

City
Port St Lucie State
FL Zip
34987

Process
Grasan Crusher Unit #
3 Operating Mode
400 tons/hr

Control Equipment
None Operating Mode
N/A

Describe Emission Point
**Underbelt
Crusher to Underbelt**

Height of Emiss. Pt.
Start **10 ft.** End **10 ft.** Height of Emiss. Pt. Rel. to Observer
Start **5 ft.** End **5 ft.**

Distance to Emiss. Pt.
Start **25 ft.** End **25 ft.** Direction to Emiss. Pt. (Degrees)
Start _____ End _____

Vertical Angle to Obs. Pt.
Start _____ End _____ Direction to Obs. Pt. (Degrees)
Start **270°** End **270°**

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

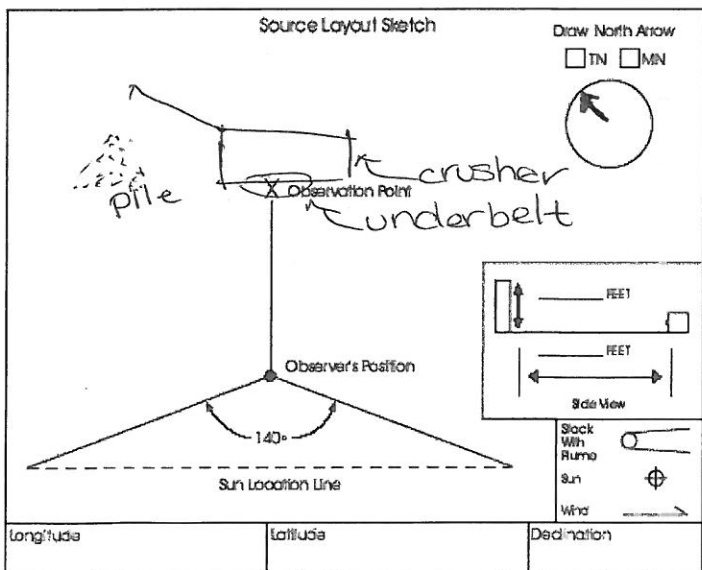
Describe Emissions
Start **Fumigating** End **Fumigating**

Emission Color
Start **Light Brown** End _____ Water Droplet Plume
Attached Detached None

Describe Plume Background
Start **SKY** End _____ Sky Conditions
Start **Blue** End **~**

Wind Speed
Start **4-6 WE** End **4-6** Wind Direction
Start **NE** End **NE**

Ambient Temp.
Start **84°F** End **84°F** Wet Bulb Temp. _____ RH Percent
_____ **70%**



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	5	
7	5	0	5	0	
8	0	5	5	0	
9	0	0	5	5	
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Observer's Name (Print)
Michelle Robinson-Austin

Observer's Signature
Michelle A. Robinson Date
11/23/10

Organization
FDEP

Certified By
ETA Date
7/7/10

VISIBLE EMISSION OBSERVATION FORM 1

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

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

Company Name: Florida Rock Industries
 Facility Name: Fort Pierce Quarry 11100072
 Street Address: 12525 Range line Rd.
 City: Port St. Lucie State: FL Zip: 34987

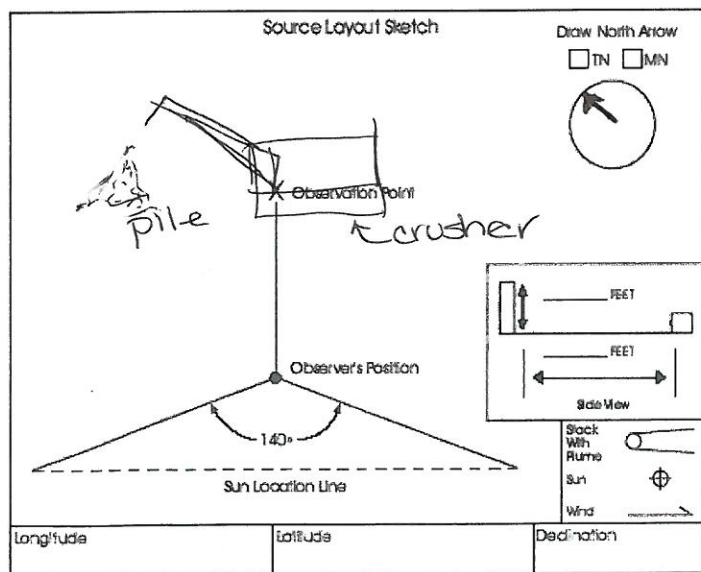
Process: Grasan Crusher Unit #: 4 Operating Mode: 400 tons/hr
 Control Equipment: None Operating Mode: N/A

Describe Emission Point:
 Stacker Belt
 Underbelt to Stacker Belt
 Height of Emis. Pt.: Start 10 ft End 10 ft. Start 5 ft End 5 ft.
 Distance to Emis. Pt.: Start 25 ft End 25 ft. Start 280 End _____

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

Describe Emissions:
 Start: Fugitive End: Fugitive
 Emission Color: Start: none End: none
 Attached Detached None

Describe Plume Background:
 Start: Sky End: ~
 Background Color: Start: Blue End: ~
 Wind Speed: Start: 4-6 NE End: same
 Ambient Temp.: Start: 84°F End: same
 Sky Conditions: Start: Clear End: ~
 Wind Direction: Start: NE End: NE
 Wet Bulb Temp.: _____ Ref Percent: 70%



Longitude: _____ Latitude: _____ Destination: _____
 Additional Information: _____

Sec Min	Time Zone				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	
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Observer's Name (Print): Michelle Robinson-Austin
 Observer's Signature: *Michelle A. Robinson* Date: 11/23/10
 Organization: FDEP
 Certified By: ETA Date: 7/2010