

EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name Old Castle
 Facility Name _____
 Street Address 4600 Magnum Dr
 City Ft. Pierce State FL Zip 34981

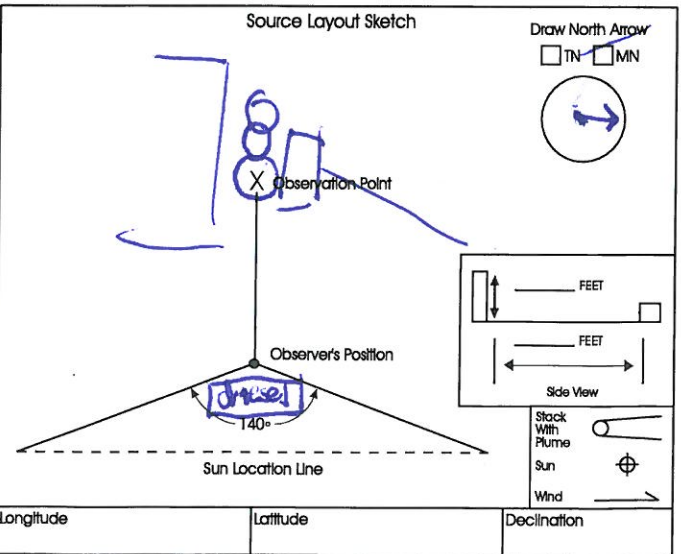
Process Silo Unit # 1 Operating Mode normal
 Control Equipment auto collector Operating Mode normal

Describe Emission Point
vent
 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 185° End same Start 270° End _____

Vertical Angle to Obs. Pt. _____ Direction to Obs. Pt. (Degrees) _____
 Start 24° End _____ Start _____ End _____
 Distance and Direction to Observation Point from Emission Point
 Start _____ End _____

Describe Emissions
 Start slag dust End same
 Emission Color _____ Water Droplet Plume _____
 Start light grey End _____ Attached Detached None

Describe Plume Background
 Start blue End same
 Background Color _____ Sky Conditions _____
 Start blue End _____ Start cloudy End same
 Wind Speed _____ Wind Direction _____
 Start 10-2 End same Start ESG End _____
 Ambient Temp. _____ Wet Bulb Temp. _____ RH Percent _____
 Start 76° End 76° _____ _____



Longitude _____ Latitude _____ Declination _____

Additional Information slag

Form Number _____ Page _____ Of _____
 Continued on VEO Form Number _____

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	
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	0	0	0	0	
15	0	0	0	0	
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30					

Observer's Name (Print) Patricia Tames
 Observer's Signature _____ Date 12/10/11
 Organization FD. EP
 Certified By ETR Date 7/14/11

EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name: Old Castle
 Facility Name: _____
 Street Address: 4600 Magnum
 City: Ft. Raud State: FL Zip: 34981

Process: silo Unit #: 1 Operating Mode: normal
 Control Equipment: dust Operating Mode: normal

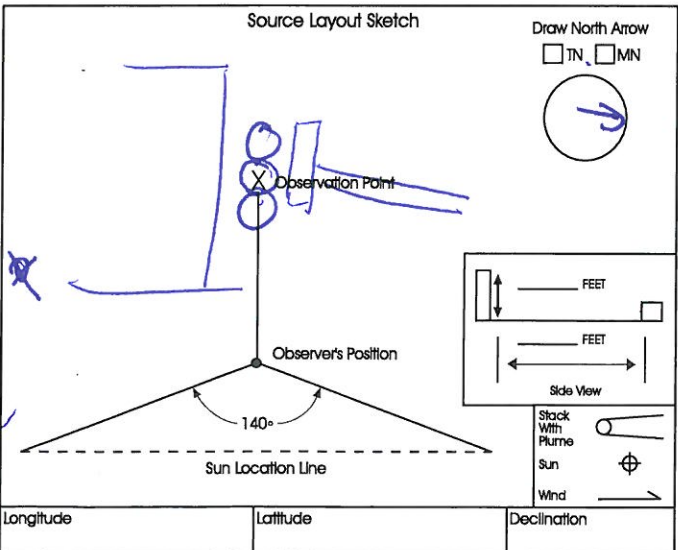
Describe Emission Point:
vent

Height of Emiss. Pt. Start: 80' End: same Height of Emiss. Pt. Rel. to Observer Start: 80' End: same
 Distance to Emiss. Pt. Start: 200' End: same Direction to Emiss. Pt. (Degrees) Start: 280 End: same

Vertical Angle to Obs. Pt. Start: 72° End: _____ Direction to Obs. Pt. (Degrees) Start: 200° End: 100°
 Distance and Direction to Observation Point from Emission Point Start: 200' @ 90° End: approx 200' @ 100°

Describe Emissions
 Start: Cement dust End: _____
 Emission Color: white Water Droplet Plume: Attached Detached None

Describe Plume Background
 Start: metal End: same
 Background Color: light blue Sky Conditions: cloudy End: same
 Wind Speed: 10-12 End: same Wind Direction: ESE End: same
 Ambient Temp.: 76° End: 76° Wet Bulb Temp.: _____ RH Percent: 60°



Additional Information: #2 white

Form Number: _____ Page: _____ Of: _____
 Continued on VEO Form Number: _____

Min	Observation Date				Time Zone	Start Time	End Time	Comments
	Sec	0	15	30				
	11/16/11				EST	1034	1044	
1	5	10	5	5				10.6
2	5	5	5	10				
3	10	10	10	15				broken seal
4	15	15	15	15				was repaired
5	10	20	15	5				
6	10	15	5	20				
7	0	10	10	5				
8	0	0	10	15				
9	10	10	5	5				
10	5	5						stop
11								
12	15							10:56 re-start
13	0	0	0	5				11:04
14	5	10	10	10				
15	0							repaired/replaced sped bag
16	0	0	0	0				11:21
17	0	5	0	0				
18	0	0	5	5				
19	0	0	5	0				
20	0	0	5	0				
21	0	0	0	0				
22	0	0	0	0				
23	0	5	0	0				
24								
25								
26								
27								
28								
29								
30								

Observer's Name (Print): Patricia Tampeas
 Observer's Signature: _____ Date: 12/16/11
 Organization: FD00
 Certified By: ETH Date: 7/14/11

EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name: Old Cottage
 Facility Name: _____
 Street Address: 4600 Magnum Dr.
 City: Ft. Pierce State: FL Zip: 34981

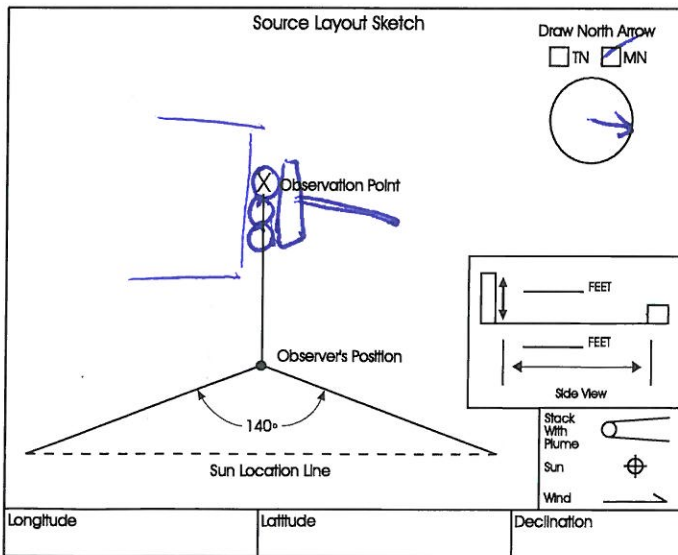
Process: silo Unit #: 1 Operating Mode: normal
 Control Equipment: dust collector Operating Mode: normal

Describe Emission Point: vent
 Height of Emiss. Pt. Start: 80' End: same Height of Emiss. Pt. Rel. to Observer Start: 80' End: same
 Distance to Emiss. Pt. Start: 215' End: same Direction to Emiss. Pt., (Degrees) Start: 274 End: same

Vertical Angle to Obs. Pt. Start: 20 End: _____ Direction to Obs. Pt., (Degrees) Start: 94° End: same
 Distance and Direction to Observation Point from Emission Point Start: 215 feet 94° End: same

Describe Emissions
 Start: grey cement dust End: _____
 Emission Color: light grey End: same Water Droplet Plume Attached Detached None

Describe Plume Background Start: metal End: same
 Background Color Start: light brown End: same Sky Conditions Start: cloudy End: same
 Wind Speed Start: 10-12 End: same Wind Direction Start: ESE End: same
 Ambient Temp. Start: 76° End: _____ Wet Bulb Temp. _____ RH Percent 60%



Additional Information: grey 910 PSI

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Min	Sec	Time Zone				Comments	
		0	15	30	45		
Observation Date: <u> 11/10/11 </u>		Time Zone: <u> est </u>				Start Time: <u> 1045 </u>	End Time: <u> 1101 </u>
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		0	0	0	0		
15		0	0	0	0		
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29							
30							

Observer's Name (Print): Fabricio Tamps
 Observer's Signature: [Signature] Date: 12/10/11
 Organization: FOGP
 Certified By: ETA Date: 7/14/11