

# EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number						Page	Of
Continued on VEO Form Number							

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

Company Name: Cemox  
 Facility Name: Cemox - West Fort Pierce  
 Street Address: 6100 Midway Rd  
 City: Fort Pierce    State: FL    Zip: 34981

Process: Fly ash silo    Unit #: 3    Operating Mode: \_\_\_\_\_  
 Control Equipment: bag house    Operating Mode: \_\_\_\_\_

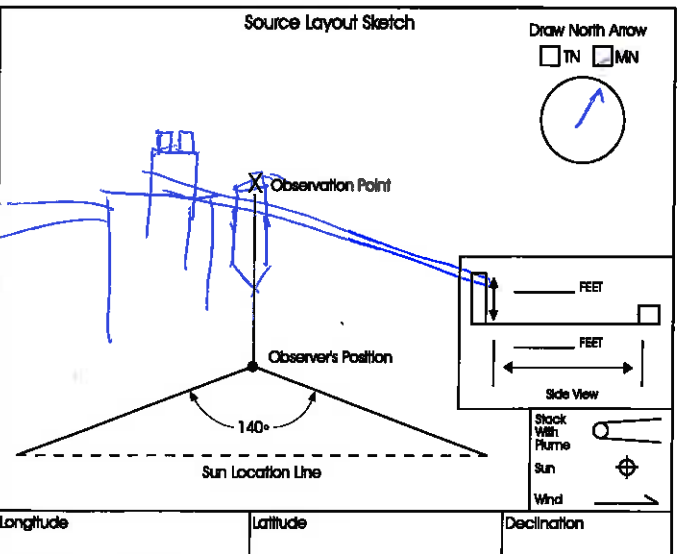
Describe Emission Point: bag house vent

Height of Emiss. Pt.    Height of Emiss. Pt. Rel. to Observer  
 Start 250    End \_\_\_\_\_    Start 250    End \_\_\_\_\_  
 Distance to Emiss. Pt.    Direction to Emiss. Pt. (Degrees)  
 Start 210'    End \_\_\_\_\_    Start 376    End \_\_\_\_\_

Vertical Angle to Obs. Pt.    Direction to Obs. Pt. (Degree)  
 Start 15    End \_\_\_\_\_    Start 160    End \_\_\_\_\_  
 Distance and Direction to Observation Point from Emission Point  
 Start 210' SE    End \_\_\_\_\_

Describe Emissions  
 Start fly ash dust    End \_\_\_\_\_  
 Emission Color: \_\_\_\_\_    Water Droplet Plume: \_\_\_\_\_  
 Attached     Detached     None

Describe Plume Background  
 Start blue    End \_\_\_\_\_  
 Background Color: \_\_\_\_\_    Sky Conditions: \_\_\_\_\_  
 Start sky    End \_\_\_\_\_    Start clear    End \_\_\_\_\_  
 Wind Speed: \_\_\_\_\_    Wind Direction: \_\_\_\_\_  
 Start 10 mph    End \_\_\_\_\_    Start N    End \_\_\_\_\_  
 Ambient Temp.    Wet Bulb Temp.    RH Percent  
 Start 72    End \_\_\_\_\_



Additional Information: 10 psf

Sec Min	Observation Date: <u>2/11/13</u>				Time Zone: <u>est</u>	Start Time: <u>233</u>	End Time: <u>253</u>	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				
16	0	0	0	0				
17	0	0	0	0				
18	0	0	0	0				
19	0	0	0	0				
20	0	0	0	0				
21	0	0	0	0				
22								
23								
24								
25								
26								
27								
28								
29								
30								

Observer's Name (Print): Krina Taylor  
 Observer's Signature: \_\_\_\_\_    Date: 2/11/2013  
 Organization: FDLP  
 Certified by: GA    Date: 1/10/2013

# EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number						Page	Of
Continued on VEO Form Number							

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

Company Name: Cemox  
 Facility Name: Cemox Fort Pines - West  
 Street Address: 6100 Midway Rd  
 City: Fort Pines State: FL Zip: \_\_\_\_\_

Process: Cement silo Unit #: \_\_\_\_\_ Operating Mode: \_\_\_\_\_  
 Control Equipment: bag house Operating Mode: \_\_\_\_\_

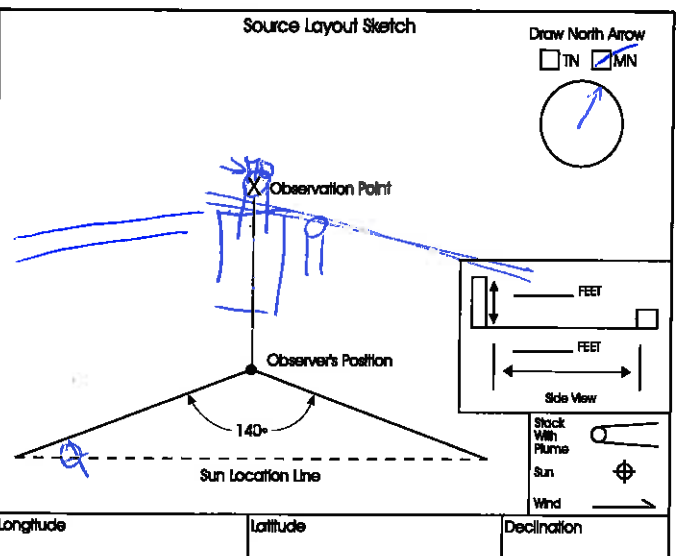
Describe Emission Point:  
vent on bag house  
split silo - west

Height of Emiss. Pt. Start: 270 End: \_\_\_\_\_ Height of Emiss. Pt. Rel. to Observer Start: \_\_\_\_\_ End: \_\_\_\_\_  
 Distance to Emiss. Pt. Start: 220' End: \_\_\_\_\_ Direction to Emiss. Pt. (Degrees) Start: 340 End: \_\_\_\_\_

Vertical Angle to Obs. Pt. Start: 18 End: \_\_\_\_\_ Direction to Obs. Pt. (Degrees) Start: \_\_\_\_\_ End: \_\_\_\_\_  
 Distance and Direction to Observation Point from Emission Point Start: 220' SE End: \_\_\_\_\_

Describe Emissions:  
 Start: white dust cond End: \_\_\_\_\_  
 Emission Color: white Water Droplet Plume: \_\_\_\_\_  
 Attached  Detached  None

Describe Plume Background:  
 Start: sky End: \_\_\_\_\_ Sky Conditions: \_\_\_\_\_  
 Background Color: blue Start: clear End: \_\_\_\_\_  
 Wind Speed: 10 Wind Direction: N  
 Ambient Temp.: 72 Wet Bulb Temp.: \_\_\_\_\_ RH Percent: \_\_\_\_\_



Additional Information: 9 psi

Min	Sec				Comments
	0	15	30	45	
Observation Date: <u>2/1/13</u> Time Zone: <u>EST</u> Start Time: <u>9:27</u> End Time: <u>2:53</u>					
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
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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	
16	0	0	0	0	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22					
23					
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28					
29					
30					

Observer's Name (Print): Patricia Tampa  
 Observer's Signature: PT Date: 2/1/2013  
 Organization: FDEP  
 Certified By: ETA Date: 1/10/2013

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Form Number \_\_\_\_\_ Page \_\_\_\_\_ Of \_\_\_\_\_  
 Continued on VEO Form Number \_\_\_\_\_

Company Name Cemox  
 Facility Name Cemox - West Fort Pierce  
 Street Address 6100 Midway Road  
 City Fort Pierce State FL Zip 34981

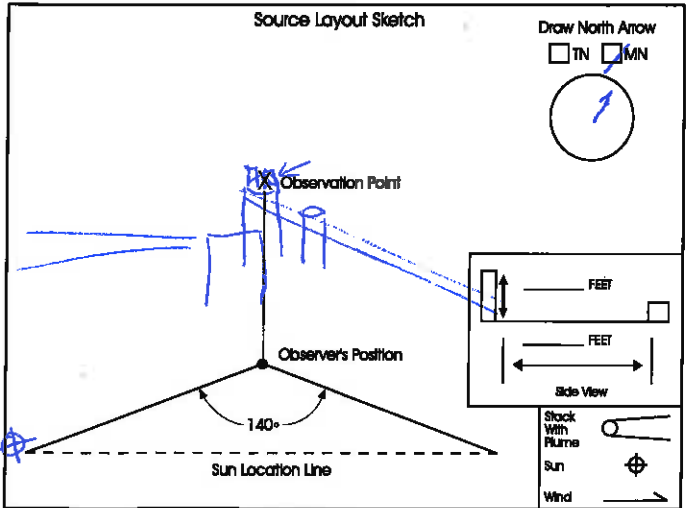
Process Cement silo Unit # \_\_\_\_\_ Operating Mode \_\_\_\_\_  
 Control Equipment bag house Operating Mode \_\_\_\_\_

Describe Emission Point  
vent on baghouse  
split silo - east side  
 Height of Emiss. Pt. Start 70 End \_\_\_\_\_ Height of Emiss. Pt. Rel. to Observer Start \_\_\_\_\_ End \_\_\_\_\_  
 Distance to Emiss. Pt. Start 220 End \_\_\_\_\_ Direction to Emiss. Pt. (Degrees) Start 343 End \_\_\_\_\_

Vertical Angle to Obs. Pt. Start 18 End \_\_\_\_\_ Direction to Obs. Pt. (Degrees) Start \_\_\_\_\_ End \_\_\_\_\_  
 Distance and Direction to Observation Point from Emission Point Start 220 ft SE End \_\_\_\_\_

Describe Emissions  
 Start Cement dust End \_\_\_\_\_  
 Emission Color Start grey/white End \_\_\_\_\_  
 Water Droplet Plume Attached  Detached  None

Describe Plume Background  
 Start sky End sun  
 Background Color Start blue End grey Sky Conditions Start clear End \_\_\_\_\_  
 Wind Speed Start 10 mph End same Wind Direction Start N End \_\_\_\_\_  
 Ambient Temp. Start 67 End sun Wet Bulb Temp. \_\_\_\_\_ RH Percent \_\_\_\_\_



Longitude \_\_\_\_\_ Latitude \_\_\_\_\_ Declination \_\_\_\_\_

Additional Information

Sec Min	Time Zone <u>EST</u>				Start Time <u>257</u>	End Time <u>326</u>	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			
16	0	0	0	0			
17	0	0	0	0			
18	0	0	0	0			
19	0	0	0	0			
20	0	0	0	0			
21	0	0	0	0			
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			

Observer's Name (Print) Patricia Tamps  
 Observer's Signature [Signature] Date 2/11/2013  
 Organization FDOP  
 Certified by ETA Date 1/6/2013