

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 Cemex Construction Mat. FL, LLC
 Facility Name East Trail Plant
 Street Address 15555 US 41
 City Naples State FL Zip 33940

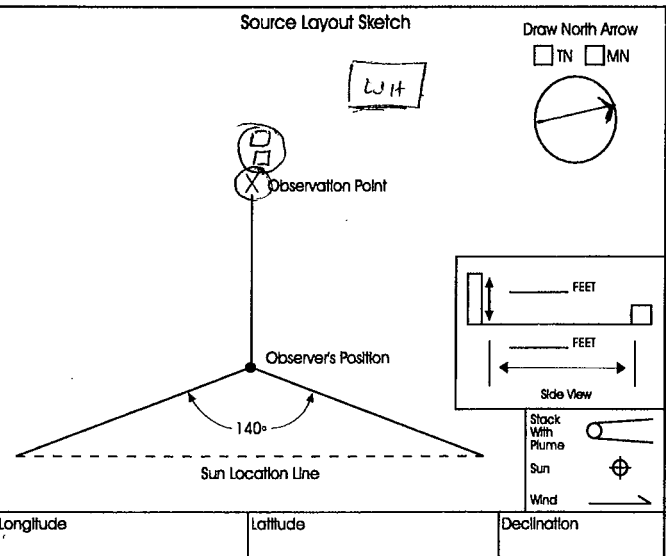
Process Cement Unloading Unit # _____ Operating Mode 25.46 tons
 Control Equipment Baghouse Operating Mode 10 psi

Describe Emission Point
Southern batch plant, shortsilo with single baghouse
 Height of Emiss. Pt. Start 50' End 50' Height of Emiss. Pt. Rel. to Observer Start 50' End 50'
 Distance to Emiss. Pt. Start 150' End 150' Direction to Emiss. Pt. (Degrees) Start 280 End 280

Vertical Angle to Obs. Pt. Start 28° End 28° Direction to Obs. Pt. (Degrees) Start 280 End 280
 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 Blue End Blue Sky Conditions Start Broken End _____
 Wind Speed Start 3-5 mph End 3-5 mph Wind Direction Start E End E
 Ambient Temp. _____ Wet Bulb Temp. _____ RH Percent _____



Additional Information
Forgot sun angle. U.S Naval Observatory sheet is attached

Observation Date		Time Zone				Start Time	End Time
11/4/11						10:46	11:18
Min	Sec	0	15	30	45	Comments	
		1	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			
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28	0	0	0	0			
29	0	0	0	0			
30	0	0	0	0			

Observer's Name (Print) Sherrill Colliver
 Observer's Signature Sherrill Colliver Date 11/4/11
 Organization EDEP
 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 _____
 Continued on VEO Form Number _____

Company Name
Cemex

Facility Name
First Trail Plant

Street Address _____

City _____ State _____ Zip _____

Process _____ Unit # _____ 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 Detached None

Describe Plume Background

Start _____ End _____

Background Color _____ Sky Conditions _____

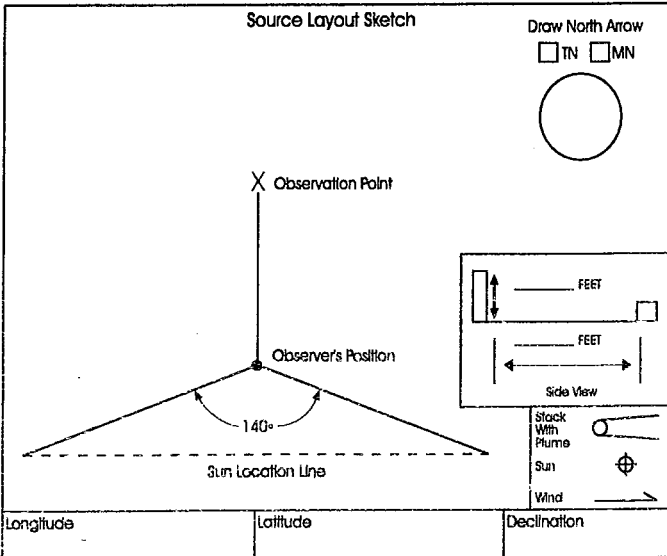
Start _____ End _____ Start _____ End _____

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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
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Additional Information

Observer's Name (Print) _____

Observer's Signature _____ Date _____

Organization _____

Certified By _____ Date _____

Altitude/Azimuth Table for One Day

Astronomical Applications Dept.
 U.S. Naval Observatory
 Washington, DC 20392-5420

NAPLES, FLORIDA

° ' ° '
 W 81 48, N26 09

Altitude and Azimuth of the Sun
 Nov 4, 2011
 Eastern Standard Time

	Altitude	Azimuth (E of N)
h m	°	°
05:50	-11.2	101.7
06:00	-9.0	102.7
06:10	-6.9	103.8
06:20	-4.7	104.8
06:30	-2.5	105.9
06:40	0.2	107.0
06:50	2.1	108.1
07:00	4.1	109.2
07:10	6.1	110.4
07:20	8.2	111.6
07:30	10.3	112.8
07:40	12.3	114.1
07:50	14.3	115.4
08:00	16.3	116.8
08:10	18.3	118.2
08:20	20.3	119.7
08:30	22.2	121.3
08:40	24.1	122.9
08:50	26.0	124.5
09:00	27.8	126.3
09:10	29.6	128.2
09:20	31.3	130.1
09:30	33.0	132.1
09:40	34.6	134.3
09:50	36.2	136.5
10:00	37.7	138.8
10:10	39.1	141.3
10:20	40.5	143.9
10:30	41.8	146.6
10:40	43.0	149.5
10:50	44.1	152.4
11:00	45.0	155.5
11:10	45.9	158.7
11:20	46.7	162.0
11:30	47.3	165.4
11:40	47.8	168.9
11:50	48.1	172.5
12:00	48.4	176.1
12:10	48.4	179.7
12:20	48.4	183.3
12:30	48.2	187.0
12:40	47.8	190.5
12:50	47.4	194.0
13:00	46.7	197.4
13:10	46.0	200.8
13:20	45.2	204.0
13:30	44.2	207.1

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

Company Name Cemex Construction Mat. FL LLC
 Facility Name East Trail Plant
 Street Address 15555 U.S. 41
 City Naples State FL Zip 33940

Process Batch loading Unit # 6 Operating Mode _____
 Control Equipment Baghouse Operating Mode _____

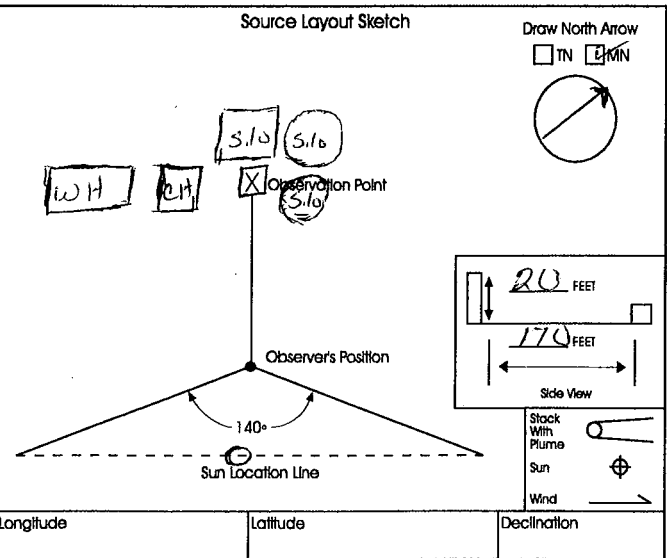
Describe Emission Point
Plant 2A Weight hopper baghouse

Height of Emiss. Pt. Start 20' End 20' Height of Emiss. Pt. Rel. to Observer Start 20' End 20'
 Distance to Emiss. Pt. Start 170' End 170' Direction to Emiss. Pt. (Degrees) Start 305 End 305

Vertical Angle to Obs. Pt. Start 11° End _____ Direction to Obs. Pt. (Degrees) Start 305 End 305
 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 Blue End Blue Sky Conditions Start Clear End _____
 Wind Speed Start 0-3 mph End 0-3 mph Wind Direction Start N End N
 Ambient Temp. Start 64 End 64 Wet Bulb Temp. _____ RH Percent _____



Observation Date	Time Zone	Start Time	End Time				
<u>11/7/11</u>		<u>8:35am</u>	<u>8:41am</u>				
Sec	0	15	30	45	Comments		
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
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6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
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Additional Information

Observer's Name (Print) Sherrill Calliver
 Observer's Signature Sherrill Calliver Date 11/7/11
 Organization EDEP
 Certified By ETA Date 8/11