

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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Continued on VEO Form Number	

Method used (Circle One)  
Method 9    203A    2038    Other: \_\_\_\_\_

Company Name: **CEMEX Construction Materials**  
 Facility Name: **LaBelle RM Facility #0510019**  
 Street Address: **1101 Forestry Division Rd**  
 City: **LaBelle**    State: **FL**    Zip: **33935**

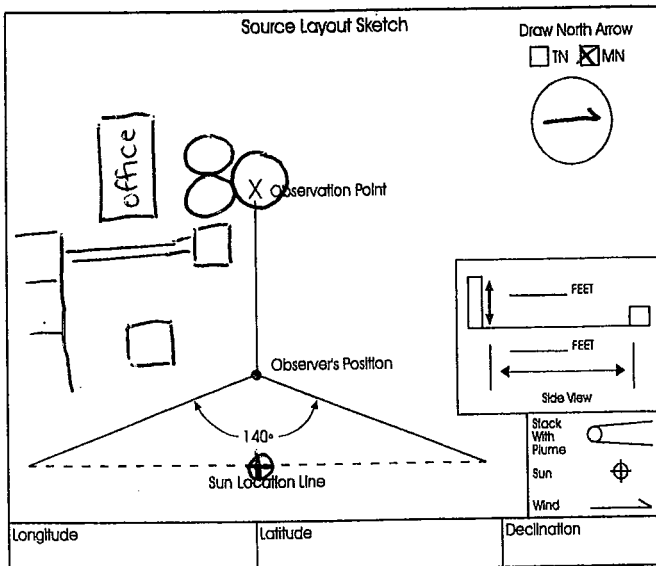
Process: **unloading cement**    Unit #: **001**    Operating Mode: **26.36 tons**  
 Control Equipment: **baghouse**    Operating Mode: **~10 psi**

Describe Emission Point: **baghouse on northern / largest / tallest silo**  
 Height of Emis. Pt. Start: **~75'**    End: **same**    Height of Emis. Pt. Rel. to Observer Start: **~75'**    End: **same**  
 Distance to Emis. Pt. Start: **~175'**    End: **same**    Direction to Emis. Pt. (Degrees) Start: **~265°**    End: **same**

Vertical Angle to Obs. Pt. Start: **~20°**    End: **same**    Direction to Obs. Pt. (Degrees) Start: **~265°**    End: **same**  
 Distance and Direction to Observation Point from Emission Point Start: **n/a**    End: **n/a**

Describe Emissions  
 Start: **none**    End: **none**  
 Emission Color: **n/a**    End: **n/a**    Water Droplet Plume Attached  Detached  None

Describe Plume Background  
 Start: **sky**    End: **same**  
 Background Color: **blue**    End: **same**    Sky Conditions: **clear**    End: **same**  
 Wind Speed: **~3 mph**    End: **~7 mph**    Wind Direction: **SSW**    End: **S**  
 Ambient Temp: **~79°**    End: **~81°**    Wet Bulb Temp.    RH Percent: **90%**



Sec Min	Time Zone				Comments
	0	15	30	45	
Observation Date: <b>7/14/13</b> Start Time: <b>9:01 A</b> End Time: <b>9:36 A</b>					
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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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	
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27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

Observer's Name (Print): **Diane Laughlin**  
 Observer's Signature: *Diane Laughlin*    Date: **7/14/14**  
 Organization: **FDEP**  
 Certified By: **ETA**    Date: **2/12/14**

# EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number	Page <b>2</b> of <b>2</b>
Continued on VEO Form Number	

Method Used (Circle One) <b>Method 9</b>	203A	203B	Other: _____
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Company Name <b>CEMEX Construction Materials</b>		
Facility Name <b>LaBelle RM Facility # 0510019</b>		
Street Address		
City	State	Zip

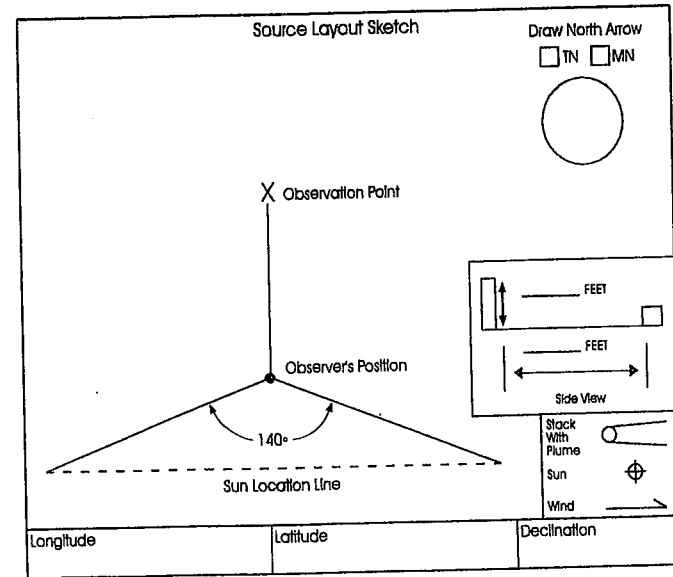
Process	Unit # <b>001</b>	Operating Mode
Control Equipment		Operating Mode

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	
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.	
Start	End	Start	End
		RH Percent	



Sec Min	Time Zone				Start Time	End Time	Comments
	0	15	30	45			
Observation Date: <b>7/14/14</b>							
Time Zone: <b>EST</b>							
Start Time: <b>9:01 A</b>							
End Time: <b>9:36 A</b>							
1	0	0	0	0			
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3	0	0	0	0			
4	0	0	0	0			
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Observer's Name (Print) <b>Diane Loughlin</b>	Date <b>7/14/14</b>
Observer's Signature <i>Diane Loughlin</i>	Date
Organization <b>FDEP</b>	
Certified By <b>ETA</b>	Date <b>2/12/14</b>

Longitude	Latitude	Declination
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: **CEMEX Construction Materials**

Facility Name: **LaBelle RM Facility #0510019**

Street Address: **1101 Forestry Division Rd**

City: **LaBelle**      State: **FL**      Zip: **33935**

Process: **unloading flyash**      Unit #: **003**      Operating Mode: **25.23 tons**

Control Equipment: **baghouse**      Operating Mode: **~ 10 PSI**

Describe Emission Point: **baghouse on western / smaller silo**

Height of Emiss. Pt. Start: **~ 70'** End: **same**      Height of Emiss. Pt. Rel. to Observer Start: **~ 70'** End: **same**

Distance to Emiss. Pt. Start: **~ 175'** End: **same**      Direction to Emiss. Pt. (Degrees) Start: **~ 265°** End: **same**

Vertical Angle to Obs. Pt. Start: **~ 20°** End: **same**      Direction to Obs. Pt. (Degrees) Start: **~ 265°** End: **same**

Distance and Direction to Observation Point from Emission Point Start: **n/a** End: **n/a**

Describe Emissions Start: **none** End: **none**

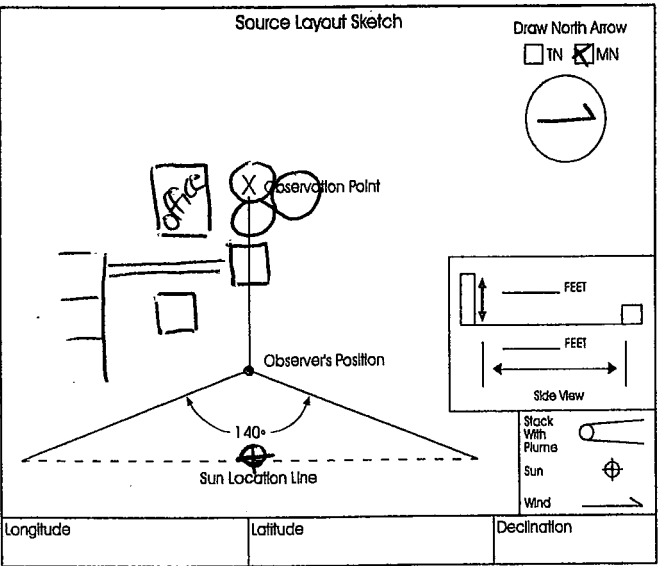
Emission Color Start: **n/a** End: **n/a**      Water Droplet Plume Attached  Detached  None

Describe Plume Background Start: **SKY** End: **same**

Background Color Start: **blue** End: **same**      Sky Conditions Start: **clear** End: **same**

Wind Speed Start: **~ 3mph** End: **~ 7mph**      Wind Direction Start: **SSW** End: **S**

Ambient Temp. Start: **~ 79°** End: **~ 81°**      Wet Bulb Temp.      RH Percent: **90%**



Additional Information: **51 mins**

Sec / Min	Time Zone				Comments
	0	15	30	45	
Observation Date: <b>7/14/14</b> Start Time: <b>9:01A</b> End Time: <b>9:39A</b>					
1	0	0	0	0	
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10	0	0	0	0	
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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	
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19	0	0	0	0	
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30	0	0	0	0	

Observer's Name (Print): **Diane Loughlin**

Observer's Signature: *Diane Loughlin*      Date: **7/14/14**

Organization: **FDEP**

Certified By: **ETA**      Date: **2/12/14**

# EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number	Page <u>2</u> of <u>2</u>
Continued on VEO Form Number	

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

Company Name CEMEX Construction Materials

Facility Name LaBelle RM Facility #0510019

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

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

Process	Unit # <u>003</u>	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

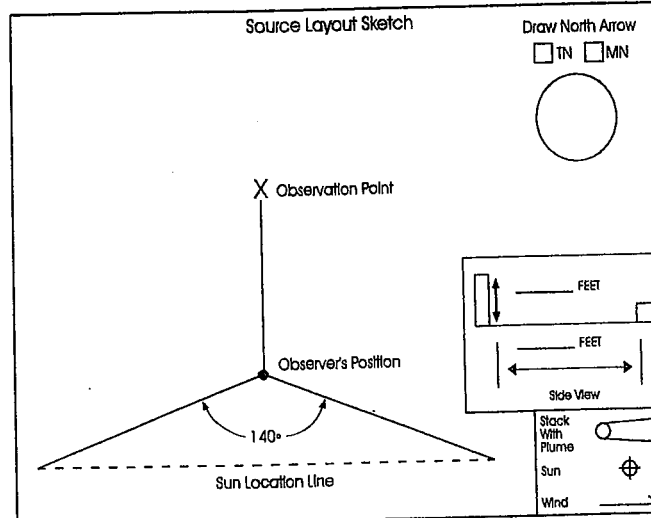
Vertical Angle to Obs. Pt.		Direction to Obs. Pt. (Degrees)	
Start	End	Start	End
Distance and Direction to Observation Point from Emission Point			
Start	End		

Describe Emissions

Start	End
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	
Wind Speed	Wind Direction	
Start	End	
Ambient Temp.	Wet Bulb Temp.	RH Percent
Start	End	



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

Additional Information

\_\_\_\_\_

Sec Min	Time Zone				Start Time	End Time	Comments
	0	15	30	45			
Observation Date <u>7/14/11</u> Time Zone <u>EST</u> Start Time <u>9:01 A</u> End Time <u>9:39 A</u>							
1	0	0	0	0			
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Observer's Name (Print) Diane Loughlin

Observer's Signature Diane Loughlin    Date 7/14/11

Organization FDEP

Certified By ETA    Date 2/12/14