

# EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number					Page	1	Of	2
Continued on VEO Form Number								

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

Company Name <i>Schwab Ready Mix</i>			
Facility Name <i>Alico Rd Plant 1</i>			
Street Address <i>7290 Alico Rd</i>			
City <i>Fort Myers</i>	State <i>FL</i>	Zip <i>33912</i>	

Process <i>Tanker Unloading</i>	Unit #	Operating Mode <i>26.75 tons Cement</i>
Control Equipment <i>Baghouse</i>		Operating Mode <i>10 psi</i>

Describe Emission Point <i>(ground level) Central dust collector located east of the 2 silo</i>	
Height of Emiss. Pt. Start <i>25'</i> End <i>25'</i>	Height of Emiss. Pt. Rel. to Observer Start <i>25'</i> End <i>25'</i>
Distance to Emiss. Pt. Start <i>200'</i> End <i>200'</i>	Direction to Emiss. Pt. (Degrees) Start <i>309</i> End <i>309</i>

Vertical Angle to Obs. Pt. Start <i>10°</i> End _____	Direction to Obs. Pt. (Degrees) Start <i>309</i> End <i>309</i>
Distance and Direction to Observation Point from Emission Point Start <i>0</i> End <i>0</i>	

Describe Emissions	
Start <i>NONE</i> End <i>NONE</i>	Water Droplet Plume
Emission Color Start <i>NIA</i> End <i>NIA</i>	Attached <input type="checkbox"/> Detached <input type="checkbox"/> None <input checked="" type="checkbox"/>

Describe Plume Background	
Start <i>Sky</i> End <i>Sky</i>	Sky Conditions
Background Color Start <i>Blue</i> End <i>Blue</i>	Start <i>Scattered</i> End <i>Scattered</i>
Wind Speed Start <i>1-3 mph</i> End <i>1-3 mph</i>	Wind Direction Start <i>E</i> End <i>E</i>
Ambient Temp.	Wet Bulb Temp. / RH Percent

Source Layout Sketch

*Flyash*  
*O O cement*  
 Observation Point  
*Baghouse*

Draw North Arrow  
 TN  MN

Observer's Position

140°

Sun Location Line

Side View

85 FEET

200 FEET

Stack With Plume

Sun

Wind

Longitude	Latitude	Declination
-----------	----------	-------------

Observation Date		Time Zone				Start Time	End Time																																																																																																																	
<i>7/25/09</i>						<i>9:59</i>	<i>10:59</i>																																																																																																																	
Min	Sec	0	15	30	45	Comments																																																																																																																		
		1	0	0	0			0	2	0	0	0	3	0	0	0	4	0	0	0	5	0	0	0	6	0	0	0	7	0	0	0	8	0	0	0	9	0	0	0	10	0	0	0	11	0	0	0	12	0	0	0	13	0	0	0	14	0	0	0	15	0	0	0	16	0	0	0	17				18				19				20	0	0	0	21	0	0	0	22	0	0	0	23	0	0	0	24	0	0	0	25	0	0	0	26	0	0	0	27	0	0	0	28	0	0	0	29	0	0	0

Observer's Name (Print)	
Observer's Signature	Date
Organization	
Certified By	Date

Additional Information

# 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 \_\_\_\_\_  
 Facility Name \_\_\_\_\_  
 Street Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Process	Unit #	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.	
Start      End	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	RH Percent
Start      End	

Source Layout Sketch

Draw North Arrow

TN    MN

Longitude

Latitude

Declination

Sec Min	Time Zone				Start Time	End Time <span style="font-size: 1.2em;">10:59</span>	Comments
	0	15	30	45			
1	○	○	○	○			
2	○	○	○	○			
3	○	○	○	○			
4	○	○	○	○			
5	○	○	○	○			
6	○	○	○	○			
7	○	○	○	○			
8	○	○	○	○			
9	○	○	○	○			
10	○	○	○	○			
11	○	○	○	○			
12 <sup>#</sup>	○	○	○	○			
13	○	○	○	○			
14	○	○	○	○			
15	○	○	○	○			
16	○	○	○	○			
17	○	○	○	○			
18	○	○	○	○			
19	○	○	○	○			
20	○	○	○	○			
21	○	○	○	○			
22	○	○	○	○			
23	○	○	○	○			
24	○	○	○	○			
25	○	○	○	○			
26	○	○	○	○			
27	○	○	○	○			
28	○	○	○	○			
29	○	○	○	○			
30	○	○	○	○			

Observer's Name (Print) \_\_\_\_\_

Observer's Signature \_\_\_\_\_ Date \_\_\_\_\_

Organization \_\_\_\_\_

Certified By \_\_\_\_\_ Date \_\_\_\_\_

Additional Information

---



# EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number	Page <u>1</u> of <u>2</u>
Continued on VEO Form Number	

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

Company Name Schwab Ready Mix  
 Facility Name Alico Rd Plant 2  
 Street Address 7290 Alico Rd  
 City Fort Myers State FL Zip 33912

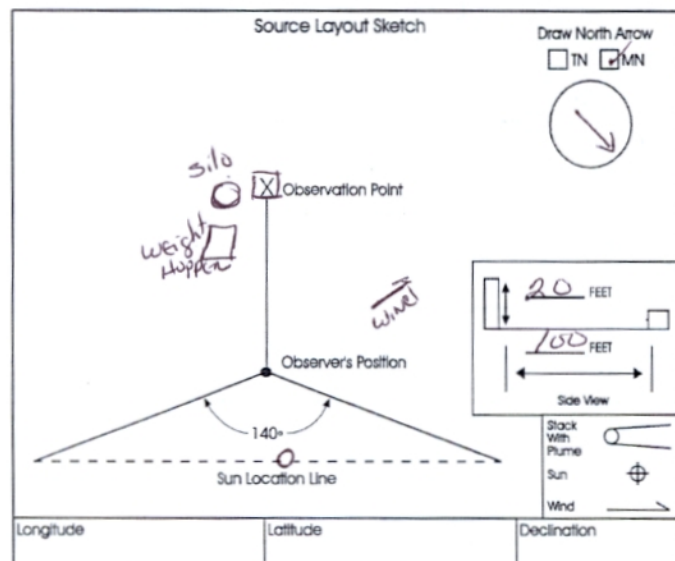
Process Tanker Unloading Unit # \_\_\_\_\_ Operating Mode 27.46 ton Cement  
 Control Equipment Baghouse Operating Mode 9 psi

Describe Emission Point Ground level central dust collector  
 Height of Emiss. Pt. Start 20' End 20' Height of Emiss. Pt. Rel. to Observer Start 20' End 20'  
 Distance to Emiss. Pt. Start 100 End 100 Direction to Emiss. Pt. (Degrees) Start 234° End 234°

Vertical Angle to Obs. Pt. Start 8° End 8° Direction to Obs. Pt. (Degrees) Start 234° End 234°  
 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 Broken  
 Wind Speed Start 1-3 End 1-3 Wind Direction Start E End E  
 Ambient Temp. \_\_\_\_\_ Wet Bulb Temp. \_\_\_\_\_ RH Percent \_\_\_\_\_



Min	Observation Date <u>7/28/09</u>				Comments
	Sec	0	15	30	
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17					
18					
19			<input type="checkbox"/>	<input type="checkbox"/>	
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Observer's Name (Print) Sherrill Culliver  
 Observer's Signature Sherrill Culliver Date 7/28/09  
 Organization ETA FDEP  
 Certified By ETA Date 8/09

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Form Number 

--	--	--	--	--	--

 Page 2 of 2  
 Continued on VEO Form Number 

--	--	--	--	--	--

Company Name \_\_\_\_\_  
 Facility Name \_\_\_\_\_  
 Street Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Process _____	Unit # _____	Operating Mode _____
Control Equipment _____		Operating Mode _____

Describe Emission Point \_\_\_\_\_  
 \_\_\_\_\_

Height of Emiss. Pt. Start _____ End _____	Height of Emiss. Pt. Rel. to Observer Start _____ End _____
Distance to Emiss. Pt. Start _____ End _____	Direction to Emiss. Pt. (Degrees) Start _____ 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 _____ End _____	Water Droplet Plume
Emission Color Start _____ End _____	Attached <input type="checkbox"/> Detached <input type="checkbox"/> None <input type="checkbox"/>

Describe Plume Background \_\_\_\_\_

Start _____ End _____	Sky Conditions Start _____ End _____
Background Color Start _____ End _____	Wind Direction Start _____ End _____
Wind Speed Start _____ End _____	Wet Bulb Temp. _____ RH Percent _____
Ambient Temp. Start _____ End _____	

Source Layout Sketch

Draw North Arrow  
 TN     MN

The diagram shows an 'Observer's Position' at the bottom center. A vertical line goes up to an 'Observation Point' marked with an 'X'. A dashed line labeled 'Sun Location Line' extends from the observer's position to the right. Two lines representing the plume extend from the observer's position towards the sun location line, forming a 140-degree angle. To the right, there are two 'Side View' diagrams: one showing a rectangular plume with 'FEET' dimensions and another showing a circular plume with a sun symbol and a wind direction arrow.

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

Additional Information \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Sec Min	Time Zone				Start Time	End Time	Comments
	0	15	30	45			
1	○	○	○	○			
2	○	○	○	○			
3	○	○	○	○			
4	○	○	○	○			
5	○	○	○	○			
6	○	○	○	○			
7	○	○	○	○			
8	○	○	○	○			
9	○	○	○	○			
10	○	○	○	○			
11	○	○	○	○			
12	○	○	○	○			
13	○	○	○	○			
14	○	○	○	○			
15	○	○	○	○			
16	○	○	○	○			
17	○	○	○	○			
18	○	○	○	○			
19	○	○	○	○			
20	○	○	○	○			
21	○	○	○	○			
22	○	○	○	○			
23							
24							
25							
26							
27							
28							
29							
30							

Observer's Name (Print) \_\_\_\_\_  
 Observer's Signature \_\_\_\_\_ Date \_\_\_\_\_  
 Organization \_\_\_\_\_  
 Certified By \_\_\_\_\_ Date \_\_\_\_\_



Schwab Ready Mix - Alico Road Plant



Tax Map Legend

 Road Centerlines

Aerial Image Set	2008 1st Qtr Hi-Res (1/2 foot)	Map Currency Date	7/30/2009 1:18:05 PM
------------------	--------------------------------	-------------------	----------------------