

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 Tarmac America, LLC		
Facility Name Canal Street Plant		
Street Address 4170 Canal Street		
City Fort Myers	State FL	Zip 33916

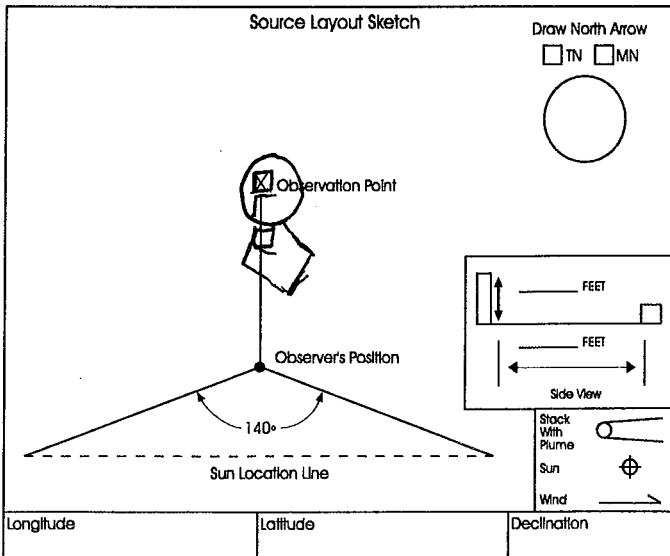
Process Cement Tanker Del.	Unit # 1	Operating Mode 24.98 tons
Control Equipment Baghouse		Operating Mode 10 psi

Describe Emission Point Western baghouse on two comp. silo			
Height of Emiss. Pt. Start 50' End 50'		Height of Emiss. Pt. Rel. to Observer Start 50' End 50'	
Distance to Emiss. Pt. Start 225' End 225'		Direction to Emiss. Pt. (Degrees) Start 275° End 275°	

Vertical Angle to Obs. Pt. Start 20° End 20°		Direction to Obs. Pt. (Degrees) Start 275° End 275°	
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 <input type="checkbox"/> Detached <input type="checkbox"/> None <input checked="" type="checkbox"/>	

Describe Plume Background			
Start Sky		End Sky	
Background Color Start Gray End Gray		Sky Conditions Start overcast End overcast	
Wind Speed Start 0-3 End 0-3		Wind Direction Start ENE End ENE	
Ambient Temp. Start 72° End 72°		Wet Bulb Temp. / RH Percent 100%	



Sec Min	Time Zone				Start Time 8:34	End Time 9:51	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							Check Tanker Pressure
16							
17							
18			0	0			
19	0	0	0	0			Stop for batch load
20	0	0	0	0			Resume 9:06
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) Sherrill Colliver		Date 10/17/11
Observer's Signature <i>Sherrill Colliver</i>		
Organization FDEP		
Certified By ETA		Date 8/11

Additional Information Rate 24.98 tph

EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name <u>Tarmac America, LLC</u>		
Facility Name <u>Canal Street Plant</u>		
Street Address		
City	State	Zip

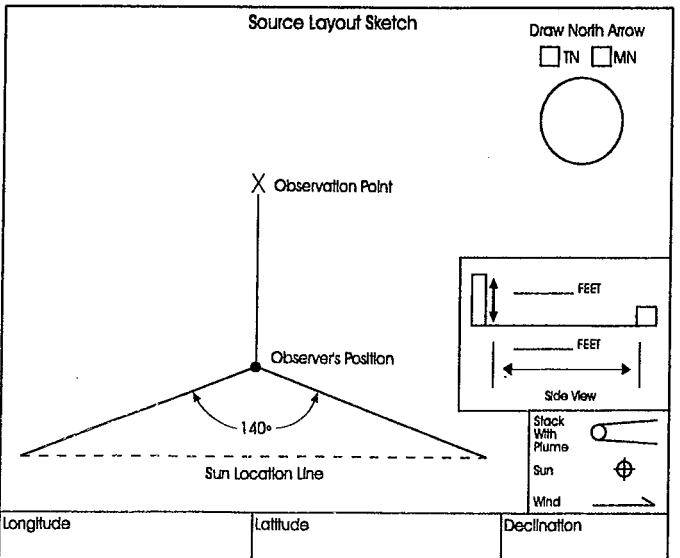
Process	Unit # <u>1</u>	Operating Mode
Control Equipment		Operating Mode

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	Attached <input type="checkbox"/> Detached <input type="checkbox"/> None <input type="checkbox"/>

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



Longitude	Latitude	Declination
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Additional Information

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

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

EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number	Page <u>1</u> of <u>3</u>
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Method Used (Circle One)			
<u>Method 9</u>	203A	203B	Other: _____

Company Name <u>Tarmac America, LLC</u>		
Facility Name <u>Canal Street Plant</u>		
Street Address <u>4170 Canal Street</u>		
City <u>Fort Myers</u>	State <u>FL</u>	Zip <u>33916</u>

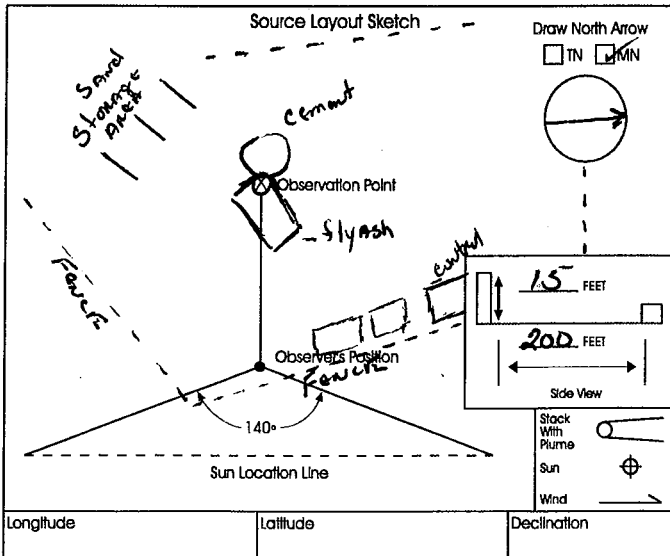
Process <u>Flyash Tanker Unit</u>	Unit # <u>3</u>	Operating Mode <u>26.43 tons</u>
Control Equipment <u>Baghouse</u>	Operating Mode <u>8psi</u>	

Describe Emission Point <u>Baghouse on top of the eastern horizontal silo</u>			
Height of Emiss. Pt. Start <u>15'</u> End <u>15'</u>		Height of Emiss. Pt. Rel. to Observer Start <u>15'</u> End <u>15'</u>	
Distance to Emiss. Pt. Start <u>200'</u> End <u>200'</u>		Direction to Emiss. Pt. (Degrees) Start <u>275°</u> End <u>275°</u>	

Vertical Angle to Obs. Pt. Start <u>9°</u> End <u>9°</u>		Direction to Obs. Pt. (Degrees) Start <u>275°</u> End <u>275°</u>	
Distance and Direction to Observation Point from Emission Point Start <u>0</u> End <u>0</u>			

Describe Emissions			
Start <u>None</u>		End <u>None</u>	
Emission Color Start <u>N/A</u> End <u>N/A</u>		Water Droplet Plume Attached <input type="checkbox"/> Detached <input type="checkbox"/> None <input checked="" type="checkbox"/>	

Describe Plume Background			
Start <u>Cement silo</u>		End <u>Cement Silo</u>	
Background Color Start <u>Dark Gray</u> End <u>Dark Gray</u>		Sky Conditions Start <u>Overcast</u> End <u>Overcast</u>	
Wind Speed Start <u>0-3 mph</u> End <u>0-3 mph</u>		Wind Direction Start <u>ENE</u> End <u>ENE</u>	
Ambient Temp. Start <u>72°F</u> End <u>72°F</u>		Wet Bulb Temp. / RH Percent <u>100%</u>	



Longitude	Latitude	Declination
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Additional Information <u>Rate 24.39 tph</u>	
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Observation Date <u>10/17/11</u>	Time Zone	Start Time <u>8:34</u>		End Time <u>9:59</u>		Comments
		Sec	Min	Sec	Min	
		0	15	30	45	
1		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
2		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
3		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
4		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
8		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
9		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
10		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
11		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
12		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
13		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
14		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
15						<u>Check Tanker</u>
16						<u>Pressure</u>
17						
18			<input type="radio"/>	<input type="radio"/>		
19		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<u>Stop for batch load</u>
20		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<u>Resume 9:06</u>
21		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
22		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
23		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
24		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
25		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
26		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
27		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
28		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
29		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
30		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Observer's Name (Print) <u>Sherrill Collins</u>		Date <u>10/17/11</u>
Observer's Signature <u>Sherrill Collins</u>		Organization <u>FDEP</u>
Certified By <u>ETA</u>		Date <u>8/11</u>

EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number						Page	2	Of	3
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Method Used (Circle One)			
Method 9	203A	203B	Other: _____

Company Name <i>Tarmac America, LLC</i>		
Facility Name <i>Canal Street Plant</i>		
Street Address		
City	State	Zip

Process	Unit # <i>3</i>	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
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

Source Layout Sketch

Draw North Arrow

TN MN

FEET

FEET

Side View

Stack with Plume

Sun

Wind

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

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

Additional Information

EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number					Page	3	Of	3
Continued on VEO Form Number								

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

Company Name <i>Tarmac America, LLC</i>		
Facility Name <i>Canal Street Plant</i>		
Street Address		
City	State	Zip

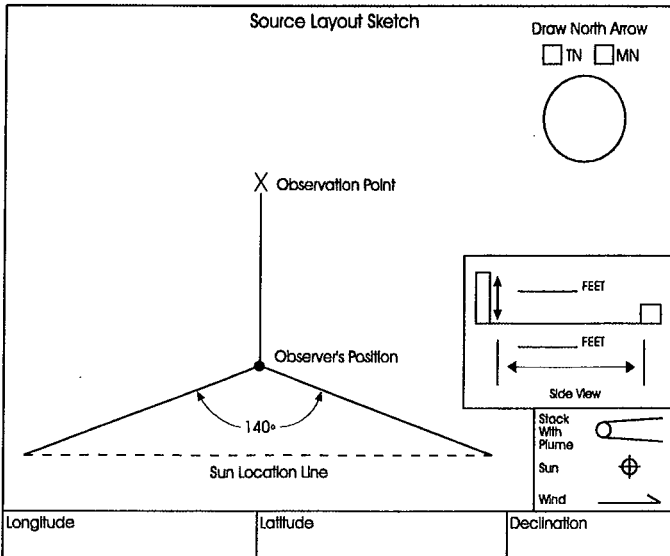
Process	Unit #	Operating Mode
Control Equipment	Operating Mode	

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
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 Direction	
Start End	Start End	RH Percent	
Start	End	Wet Bulb Temp.	



Longitude	Latitude	Declination
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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