

# 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  
Southern Sand & Stone

Facility Name  
Coral Rock Mine & Better Roads Plant

Street Address  
13391 State Road 31

City  
Punta Gorda      State  
FL      Zip

Process  
RAP Crusher      Unit #      Operating Mode  
100 tph

Control Equipment      Operating Mode

Describe Emission Point  
Final Drop Point

Height of Emis. Pt. Start 20      End 20	Height of Emis. Pt. Rel. to Observer Start 20      End 20
Distance to Emis. Pt. Start 75'      End 75'	Direction to Emis. Pt. (Degrees) Start 299      End 299

Vertical Angle to Obs. Pt. Start 22      End 22	Direction to Obs. Pt. (Degrees) Start 299      End 299
Distance and Direction to Observation Point from Emission Point Start 0      End 0	

Describe Emissions

Start None      End None

Emission Color      Water Droplet Plume

Start N/A      End N/A      Attached       Detached       None

Describe Plume Background

Start Sky      End Sky

Background Color      Sky Conditions

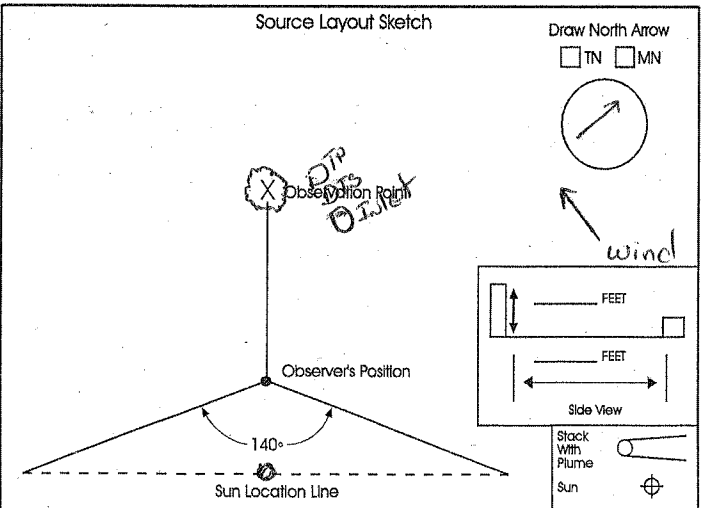
Start Blue+White      End Blue+White      Start Broken      End Broken

Wind Speed      Wind Direction

Start 5-7 mph      End 5-7 mph      Start E      End E

Ambient Temp.      Wet Bulb Temp.      RH Percent

Start      End



Longitude      Latitude      Declination

Additional Information

Observation Date	Time Zone				Start Time	End Time
4/17/09					9:19 AM	10:19 AM
Min	Sec	0	15	30	45	Comments
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)

Observer's Signature      Date

Organization

Certified By      Date

# 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		
Facility Name		
Street Address		
City	State	Zip

Process	Unit #	Operating Mode
Control Equipment		Operating Mode

Describe Emission Point <i>Final Drop Point</i>			
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.	RH Percent
Start	End		

Source Layout Sketch		
		Draw North Arrow <input type="checkbox"/> TN <input type="checkbox"/> MN
Longitude	Latitude	Declination

Additional Information
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Sec Min	Time Zone				Comments
	0	15	30	45	
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
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13					
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27					
28					
29					
30					

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

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name  
*Southern Sand & Stone*

Facility Name  
*Coral Rock Mine & Better Roads Plant*

Street Address  
*13391 State Rd 31*

City  
*Punta Gorda*    State  
*FL*    Zip

Process  
*RAP Crusher*    Unit #    Operating Mode  
*100 tph*

Control Equipment    Operating Mode

Describe Emission Point  
*Top Screen*

Height of Emiss. Pt.  
Start *15'*    End *15'*    Height of Emiss. Pt. Rel. to Observer  
Start *15'*    End *15'*

Distance to Emiss. Pt.  
Start *100'*    End *100'*    Direction to Emiss. Pt. (Degrees)  
Start *332*    End *332*

Vertical Angle to Obs. Pt.  
Start *10°*    End *10°*    Direction to Obs. Pt. (Degrees)  
Start *332*    End *332*

Distance and Direction to Observation Point from Emission Point  
Start *0*    End *0*

Describe Emissions  
Start *None*    End *None*

Emission Color    Water Droplet Plume

Start *N/A*    End *N/A*    Attached     Detached     None

Describe Plume Background  
Start *sky*    End *sky*

Background Color    Sky Conditions

Start *Blue/White*    End *Blue/White*    Start *Broken*    End *Broken*

Wind Speed    Wind Direction

Start *5-7 mph*    End *5-7 mph*    Start *E*    End

Ambient Temp.    Wet Bulb Temp.    RH Percent

Start    End

Source Layout Sketch

Draw North Arrow  
 TN     MN

Observer's Position

Sun Location Line  
*See Photo*

Longitude    Latitude    Declination

Additional Information

Form Number \_\_\_\_\_ Page \_\_\_\_\_ Of \_\_\_\_\_

Continued on VEO Form Number \_\_\_\_\_

Observation Date <i>4/17/09</i>		Time Zone				Start Time <i>9:19 am</i>	End Time <i>10:19 am</i>
Min	Sec	0	15	30	45	Comments	
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 \_\_\_\_\_

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

Process \_\_\_\_\_ Unit # \_\_\_\_\_ Operating Mode \_\_\_\_\_  
 Control Equipment \_\_\_\_\_ Operating Mode \_\_\_\_\_

Describe Emission Point  
*Top Screen*

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  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 \_\_\_\_\_

Source Layout Sketch

Draw North Arrow

TN  MN

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

Sec Mln	Time Zone				Comments
	0	15	30	45	
1					
2					
3					
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29					
30					

Observers Name (Print) \_\_\_\_\_  
 Observers Signature \_\_\_\_\_ Date \_\_\_\_\_  
 Organization \_\_\_\_\_  
 Certified By \_\_\_\_\_ Date \_\_\_\_\_

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

# CFA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name  
*Southern Sand & Stone*

Facility Name  
*Coal Rock Mine & Better Road Plant*

Street Address  
*13391 State Road 31*

City  
*Punta Gorda*    State  
*FL*    Zip

Process  
*RAP Crusher*    Unit #    Operating Mode  
*100tph*

Control Equipment    Operating Mode

Describe Emission Point  
*Transfer point*

Height of Emiss. Pt.  
Start *10'*    End *10'*    Height of Emiss. Pt. Rel. to Observer  
Start *10'*    End *10'*

Distance to Emiss. Pt.  
Start *110°*    End *110°*    Direction to Emiss. Pt. (Degrees)  
Start *325*    End *325*

Vertical Angle to Obs. Pt.  
Start *8°*    End *8°*    Direction to Obs. Pt. (Degrees)  
Start *325*    End *325*

Distance and Direction to Observation Point from Emission Point  
Start    End

Describe Emissions  
Start *NONE*    End *NONE*

Emission Color    Water Droplet Plume

Start *N/A*    End *N/A*    Attached     Detached     None

Describe Plume Background  
Start *Sky*    End *Sky*

Background Color    Sky Conditions

Start *Blue/White*    End *Blue/White*    Start *Broken*    End *Broken*

Wind Speed    Wind Direction

Start *5-7mph*    End *5-7mph*    Start *E*    End *E*

Ambient Temp.    Wet Bulb Temp.    RH Percent

Start    End

Source Layout Sketch

Draw North Arrow  
 TN     MN

Observer's Position

Sun Location Line

*See photo*

Longitude    Latitude    Declination

Additional Information

Form Number \_\_\_\_\_ Page *1* of *2*

Continued on VEO Form Number \_\_\_\_\_

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

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

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

Organization \_\_\_\_\_

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

# 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)  
 Method 9    203A    203B    Other: \_\_\_\_\_

Company Name  
**Southon Sand & Stone**

Facility Name  
**Coral Rock Mine & Better Roads Plant**

Street Address  
**13391 State Road 31**

City  
**Punta Gorda**    State  
**FL**    Zip

Process  
**RAP Crusher**    Unit #    Operating Mode  
**100tph**

Control Equipment    Operating Mode

Describe Emission Point  
**Front Drop Transfer 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

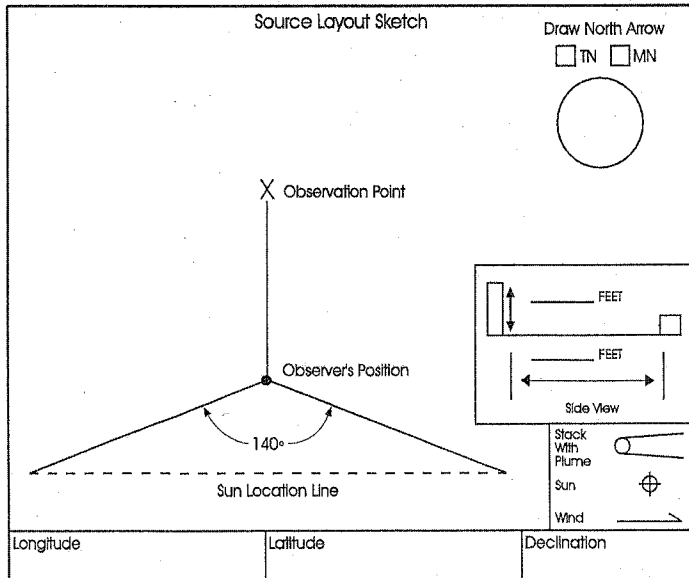
Vertical Angle to Obs. Pt.		Direction to Obs. Pt. (Degrees)	
Start	End	Start	End
Distance and Direction to Observation Point from Emission Point			
Start	End		

Describe Emissions

Start	End	Water Droplet Plume
Start	End	Attached <input type="checkbox"/> Detached <input type="checkbox"/> None <input type="checkbox"/>

Describe Plume Background

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



Sec Min	Time Zone				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	

Observers Name (Print) \_\_\_\_\_

Observers Signature \_\_\_\_\_ Date \_\_\_\_\_

Organization \_\_\_\_\_

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

Additional Information

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# 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  
 Southern Sand & Stone

Facility Name  
 Coral Rock Mine / Better Roads Plant

Street Address  
 13391 State Rd 31

City  
 Punta Gorda

State  
 FL

Zip

Process  
 RAP Crusher

Unit #

Operating Mode  
 100 tph

Control Equipment

Operating Mode

Describe Emission Point  
 Inlet & Recycling Drop

Height of Emiss. Pt.  
 Start 15'      End 15'

Height of Emiss. Pt. Rel. to Observer  
 Start 15'      End 15'

Distance to Emiss. Pt.  
 Start 100'      End 100'

Direction to Emiss. Pt. (Degrees)  
 Start 350°      End 350°

Vertical Angle to Obs. Pt.  
 Start 10°      End 10°

Direction to Obs. Pt. (Degrees)  
 Start 350°      End 350°

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/White      End Blue/White

Wind Speed  
 Start 5-7 mph      End 5-7 mph

Wind Direction  
 Start E      End E

Ambient Temp.      Wet Bulb Temp.      RH Percent

Source Layout Sketch

Draw North Arrow  
 TN     MN

Observer's Position

140°

Sun Location Line

See Photo

Longitude      Latitude      Declination

Additional Information  
 Model No.: Terex Pegasus 4242SR  
 Serial No.: 420245 EJSR

Min	Time Zone				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)  
 Sherrill Culliver

Observer's Signature  
 Sherrill Culliver

Organization  
 FDEP

Date  
 4/17/09

Certified By

Date

# EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number					Page	2	Of	2
Continued on VEO Form Number								

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

Company Name		
Facility Name		
Street Address		
City	State	Zip

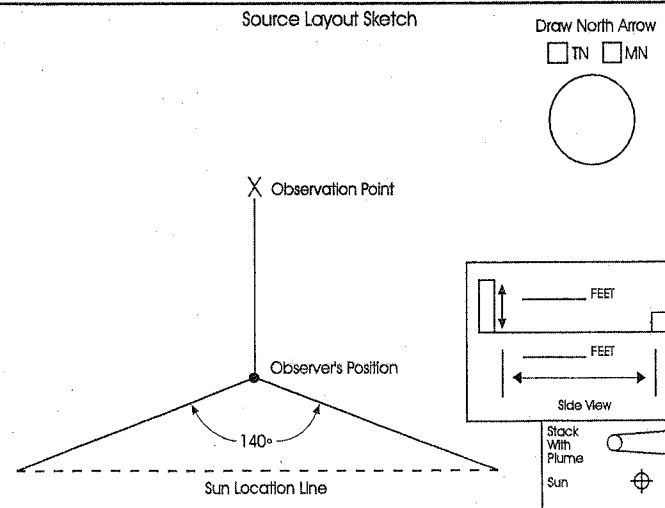
Process	Unit #	Operating Mode
Control Equipment		Operating Mode

Describe Emission Point	
<i>Inlet &amp; Recycling Drop</i>	
Height of Emiss. Pt.	Height of Emiss. Pt. Rel. to Observer
Start                      End	Start                      End
Distance to Emiss. Pt.	
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	Water Droplet Plume
Emission Color	Attached <input type="checkbox"/> Detached <input type="checkbox"/> None <input type="checkbox"/>
Start                      End	

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

Source Layout Sketch		
		Draw North Arrow <input type="checkbox"/> TN <input type="checkbox"/> MN
		
Longitude	Latitude	Declination

Additional Information
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Sec Min	Time Zone				Start Time	End Time	Comments
	0	15	30	45			
1							
2							
3							
4							
5							
6							
7							
8							
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Observer's Name (Print)	
Observer's Signature	Date
Organization	
Certified By	Date