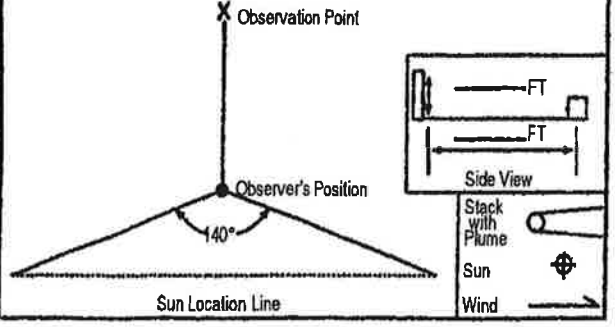
EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME: D.E.P.		
LOCATION: Floyd Bennett Field		
LOCATION: 50 Aviation Rd		
CITY: Brooklyn	STATE: NY	ZIP: 11234
PROCESS EQUIPMENT	OPERATING MODE	
CONTROL EQUIPMENT	OPERATING MODE	
DESCRIBE EMISSION POINT		
HEIGHT OF EMISSION POINT	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START / END	
DISTANCE TO EMISSION POINT: START / END	DIRECTION TO EMISSION PT. (DEGREES (0-360)): START / END	
VERTICAL ANGLE TO OBSERVATION POINT: START / END	DIRECTION TO OBSERVATION POINT (DEGREES (0-360)): START / END	
DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT: START / END		
DESCRIBE EMISSIONS: START / END		
EMISSION COLOR: START / END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐	
DESCRIBE PLUME BACKGROUND: START / END		
BACKGROUND COLOR: START / END	SKY CONDITIONS: START / END	
WIND SPEED: START / END	WIND DIRECTION: START / END	
AMBIENT TEMP: START / END	WET BULB TEMP	RH percent

Source Layout Sketch

Draw North Arrow ☐ TN ☐ MN



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
1/23/13	0200	0230

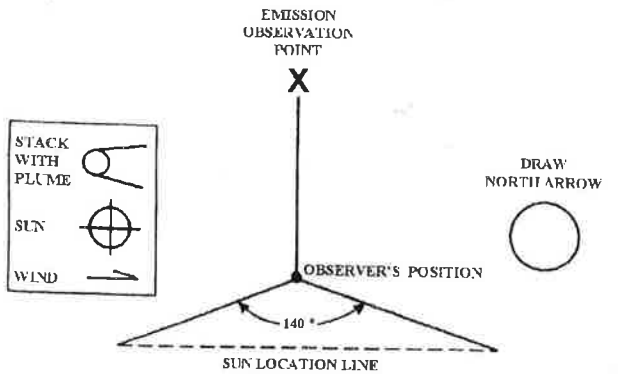
MIN \ SEC	0	15	30	45	COMMENTS
1	15	15	15	15	
2	15	15	15	15	
3	10	10	10	10	
4	10	10	10	10	
5	10	10	10	10	
6	10	10	10	10	
7	10	10	10	10	
8	10	10	10	10	
9	10	10	10	10	
10	15	15	15	15	
11	15	15	15	15	
12	15	15	15	15	
13	15	15	15	15	
14	10	10	10	10	
15	10	10	10	10	
16	10	10	10	10	
17	10	10	10	10	
18	10	10	10	10	
19	10	10	10	10	
20	10	10	10	10	
21	10	10	10	10	
22	15	15	15	15	
23	15	15	15	15	
24	15	15	15	15	
25	15	15	15	15	
26	10	10	10	10	
27	10	10	10	10	
28	15	15	15	15	
29	15	15	15	15	
30	15	15	15	15	

OBSERVER'S NAME (PRINT): Richard Valdez #151	
OBSERVER'S SIGNATURE	DATE: 1/23/13
ORGANIZATION	
CERTIFIED BY	DATE

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer: Start / End	
Distance to Emission Point: Start / End	Direction to Emission Point: Start / End	
Vertical Angle to Observation Pt.: Start / End	Direction to Observation Point: Start / End	
Describe Emissions: Start / End		
Emission Color: Start / End	If Water Droplet Plume (Circle): Attached / Detached / N/A	
Point In The Plume At Which Opacity Was Determined: Start / End		
Describe Plume Background: Start / End		
Background Color: Start / End	Sky Condition: Start / End	
Wind Speed: Start / End	Wind Direction: Start / End	
Ambient Temp: Start / End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Additional Information

Observation Date: 01-23-13 | Start Time: 1231 | End Time: 1300

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

Observer's Name (Print): Eric Gregorius

Observer's Signature: Eric Gregorius | Date: 01-23-13

Organization:

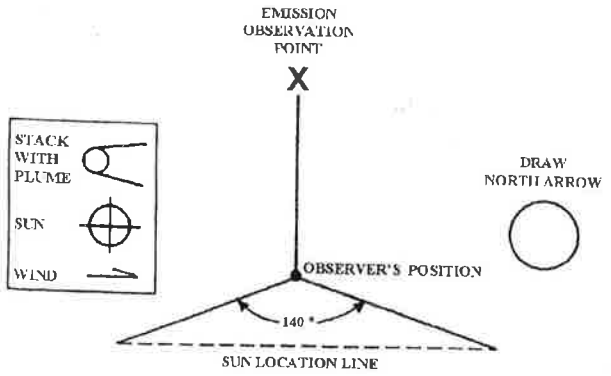
Certified by | Date

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer: Start / End	
Distance to Emission Point: Start / End	Direction to Emission Point: Start / End	
Vertical Angle to Observation Pt.: Start / End	Direction to Observation Point: Start / End	
Describe Emissions: Start / End		
Emission Color: Start / End	If Water Droplet Plume (Circle): Attached / Detached / N/A	
Point In The Plume At Which Opacity Was Determined: Start / End		
Describe Plume Background: Start / End		
Background Color: Start / End	Sky Condition: Start / End	
Wind Speed: Start / End	Wind Direction: Start / End	
Ambient Temp: Start / End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Additional Information

Observation Date: 01-23-13 | Start Time: 1301 | End Time: 1330

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

Observer's Name (Print): Eric Gregorius

Observer's Signature: Eric Gregorius — Date: 01-23-13

Organization

Certified by — Date

Continue on reverse side

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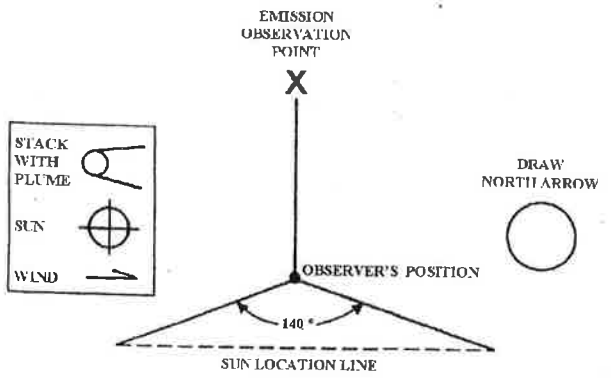
VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	**State**	**Zip**
Process Equipment		**Operating Mode**
Control Equipment		**Operating Mode**
Describe Emission Point		
Height of Emission Point	**Height Relative to Observer** Start End	
Distance to Emission Point Start End	**Direction to Emission Point** Start End	
Vertical Angle to Observation Pt. Start End	**Direction to Observation Point** Start End	
Describe Emissions Start End		
Emission Color Start End	**If Water Droplet Plume (Circle)** Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	**Sky Condition** Start End	
Wind Speed Start End	**Wind Direction** Start End	
Ambient Temp Start End	**Wet Bulb Temp**	**RH Percent**

SOURCE LAYOUT SKETCH



Additional Information

Observation Date 01-23-13	**Start Time** 1331	**End Time** 1400

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

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	**Date** 01-23-13
Organization	
Certified by	**Date**

Continue on reverse side

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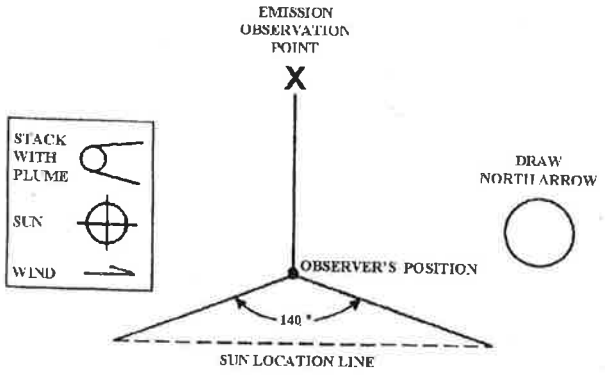
VISIBLE EMISSION OBSERVATION FORM 1500

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
Distance to Emission Point Start End	Direction to Emission Point Start End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Additional Information

Observation Date: 01-23-13 | Start Time: 1500 | End Time: 1530

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01-23-13
Organization	
Certified by	Date

Continue on reverse side

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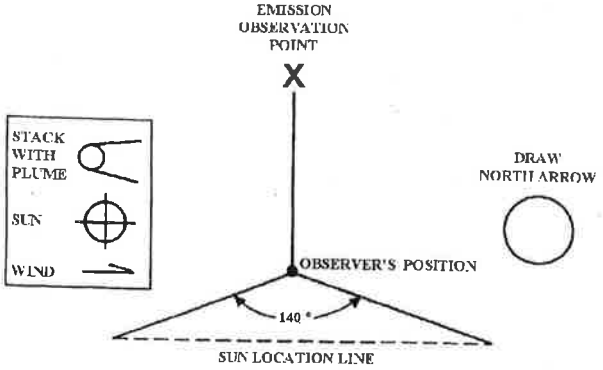
VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer: Start / End	
Distance to Emission Point: Start / End	Direction to Emission Point: Start / End	
Vertical Angle to Observation Pt. Start / End	Direction to Observation Point Start / End	
Describe Emissions: Start / End		
Emission Color: Start / End	If Water Droplet Plume (Circle): Attached / Detached / N/A	
Point In The Plume At Which Opacity Was Determined: Start / End		
Describe Plume Background: Start / End		
Background Color: Start / End	Sky Condition: Start / End	
Wind Speed: Start / End	Wind Direction: Start / End	
Ambient Temp: Start / End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Additional Information	

Observation Date	Start Time	End Time
01-23-13	1531	1600

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1 5-5-5-5
2	5	5	5	5	5-5-5-5
3	5	5	5	5	5-5-5-5
4	5	5	5	5	5-5-5-5
5	5	5	5	5	5-5-5-5
6	5	5	5	5	#1 5-5-5-5
7	5	5	5	5	5-5-5-5
8	5	5	5	5	5-5-5-5
9	5	5	5	5	5-5-5-5
10	5	5	5	5	5-5-5-5
11	5	5	5	5	5-5-5-5
12	5	5	5	5	#1 5-5-5-5
13	5	5	5	5	5-5-5-5
14	5	5	5	5	5-5-5-5
15	5	5	5	5	5-5-5-5
16	5	~~5~~ 10	5	5	5-10-10-10
17	5	5	5	5	#1 10-10-10-10
18	5	5	5	5	10-10-10-10
19	5	5	5	5	10-10-10-10
20	5	5	5	5	10-10-10-10
21	5	5	5	5	10-10-10-10
22	5	5	5	5	5-5-5-5
23	5	5	5	5	#1 5-5-5-5
24	5	5	5	5	5-5-5-5
25	5	5	5	5	5-5-5-5
26	5	5	5	5	5-5-5-5
27	5	5	5	5	5-5-5-5
28	5	5	5	5	5-5-5-5
29	5	5	5	5	5-5-5-5
30	5	5	5	5	#1 5-5-5-5

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01-23-13
Organization	
Certified by	Date

Continue on reverse side

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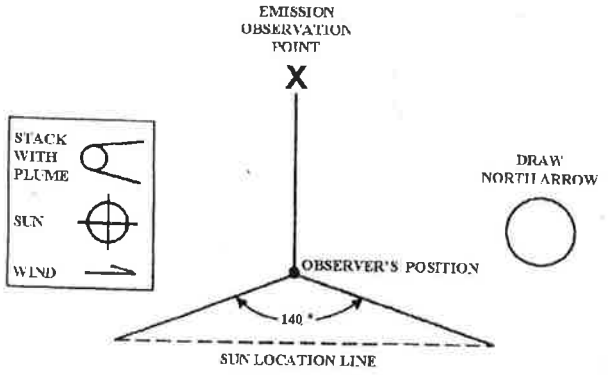
VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer: Start / End	
Distance to Emission Point: Start / End	Direction to Emission Point: Start / End	
Vertical Angle to Observation Pt.: Start / End	Direction to Observation Point: Start / End	
Describe Emissions: Start / End		
Emission Color: Start / End	If Water Droplet Plume (Circle): Attached / Detached / N/A	
Point In The Plume At Which Opacity Was Determined: Start / End		
Describe Plume Background: Start / End		
Background Color: Start / End	Sky Condition: Start / End	
Wind Speed: Start / End	Wind Direction: Start / End	
Ambient Temp: Start / End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Additional Information

Observation Date: 01-23-13 | Start Time: 1601 | End Time: 1630

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1 5-5-5-5
2	5	5	5	5	5-5-5-5
3	5	5	5	5	5-5-5-5
4	5	5	5	5	5-5-5-5
5	5	5	5	5	#1 5-5-5-5
6	—	—	—	—	Brake
7	—	—	—	—	↓
8	—	—	—	—	↓
9	—	—	—	—	↓
10	—	—	—	—	#1 ↓
11	—	—	—	—	↓
12	—	—	—	—	↓
13	—	—	—	—	↓
14	—	—	—	—	↓
15	—	—	—	—	→ #1 Brake
16	5	5	5	5	5-5-5-5
17	5	5	5	5	5-5-5-5
18	5	5	5	5	5-5-5-5
19	5	5	5	5	5-5-5-5
20	5	5	5	5	#1 5-5-5-5
21	5	5	5	5	5-5-5-5
22	5	5	5	5	5-5-5-5
23	5	5	5	5	5-5-5-5
24	5	5	5	5	5-5-5-5
25	5	5	5	5	#1 10-10-10-10
26	5	5	5	5	10-10-10-10
27	5	5	5	5	10-5-5-5
28	5	5	5	5	10-10-10-10
29	5	5	5	5	10-10-10-10
30	5	5	5	5	#1 10-10-10-10

Observer's Name (Print): Eric Gregorius

Observer's Signature: Eric Gregorius | Date: 01-23-13

Organization

Certified by | Date

Continue on reverse side

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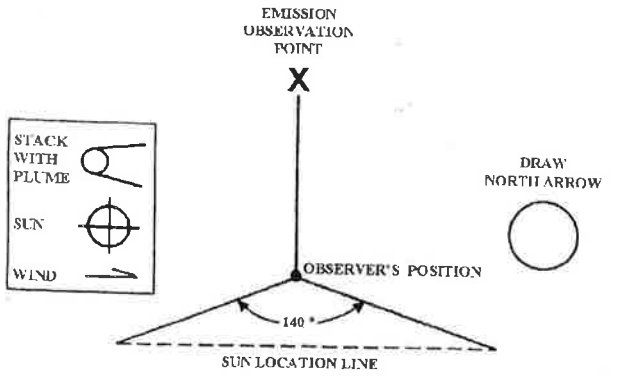
VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer: Start / End	
Distance to Emission Point: Start / End	Direction to Emission Point: Start / End	
Vertical Angle to Observation Pt.: Start / End	Direction to Observation Point: Start / End	
Describe Emissions: Start / End		
Emission Color: Start / End	If Water Droplet Plume (Circle): Attached / Detached / N/A	
Point In The Plume At Which Opacity Was Determined: Start / End		
Describe Plume Background: Start / End		
Background Color: Start / End	Sky Condition: Start / End	
Wind Speed: Start / End	Wind Direction: Start / End	
Ambient Temp: Start / End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
01-23-13	1631	1700

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01-23-13
Organization	
Certified by	Date

Continue on reverse side

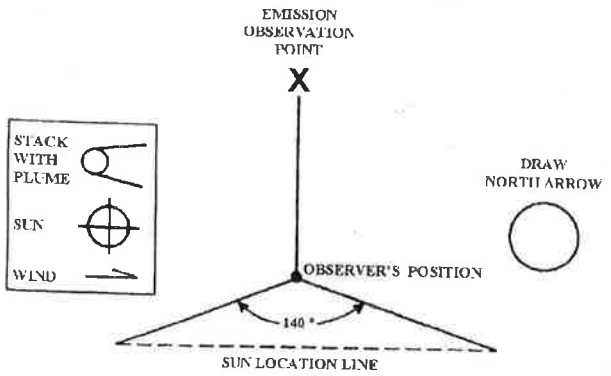
(17)

(18)

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer: Start / End	
Distance to Emission Point: Start / End	Direction to Emission Point: Start / End	
Vertical Angle to Observation Pt.: Start / End	Direction to Observation Point: Start / End	
Describe Emissions: Start / End		
Emission Color: Start / End	If Water Droplet Plume (Circle): Attached / Detached / N/A	
Point In The Plume At Which Opacity Was Determined: Start / End		
Describe Plume Background: Start / End		
Background Color: Start / End	Sky Condition: Start / End	
Wind Speed: Start / End	Wind Direction: Start / End	
Ambient Temp: Start / End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
01-23-13	1701	1730

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1 5-5-5-5
2	5	5	5	5	5-5-5-5
3	5	5	5	5	5-5-5-5
4	5	5	5	5	5-5-5-5
5	5	5	5	5	#1 5-5-10-10
6	5	5	5	5	10-10-10-10
7	5	5	5	5	10-10-10-10
8	5	5	5	5	10-10-10-10
9	5	5	5	5	10-10-10-10
10	5	5	5	5	#1 10-10-10-10
11	5	5	5	5	10-10-10-10
12	5	5	5	5	10-10-10-10
13	5	10	10	10	10-10-10-10
14	5	5	5	5	5-5-5-5
15	5	5	5	5	#1 5-5-5-5
16	5	5	5	5	5-5-5-5
17	5	5	5	5	5-5-5-5
18	5	5	5	5	5-5-5-5
19	5	5	5	5	5-5-5-5
20	Clean out				#1 5-5-5-5
21					5-5-5-5
22					5-5-5-5
23					5-5-5-5
24					5-5-5-5
25					#1 5-5-5-5
26					5-5-5-5
27					5-5-5-5
28					5-5-5-5
29					5-5-5-5
30					#1 5-5-5-5

Observer's Name (Print)	Eric Gregorius
Observer's Signature	Eric Gregorius
Date	01-23-13
Organization	
Certified by	
Date	

Continue on reverse side

Additional Information

1720 #2 Ash Removed

(18)

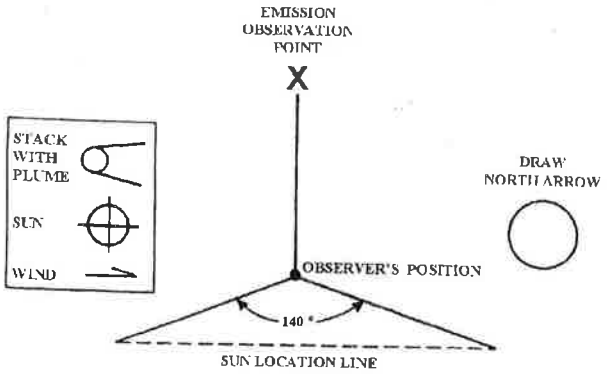
VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer: Start / End	
Distance to Emission Point: Start / End	Direction to Emission Point: Start / End	
Vertical Angle to Observation Pt.: Start / End	Direction to Observation Point: Start / End	
Describe Emissions: Start / End		
Emission Color: Start / End	If Water Droplet Plume (Circle): Attached / Detached / N/A	
Point In The Plume At Which Opacity Was Determined: Start / End		
Describe Plume Background: Start / End		
Background Color: Start / End	Sky Condition: Start / End	
Wind Speed: Start / End	Wind Direction: Start / End	
Ambient Temp: Start / End	Wet Bulb Temp	RH Percent

Observation Date: 01-23-13 | Start Time: 1731 | End Time: 1800

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

SOURCE LAYOUT SKETCH



Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01-23-13
Organization	
Certified by	Date

Additional Information

* 1731 - Restart #2

Continue on reverse side

EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME: D.E.P.

LOCATION: Floyd Bennett Field

LOCATION: 60 Aviation Rd

CITY: Brooklyn | STATE: NY | ZIP: 11234

PROCESS EQUIPMENT | OPERATING MODE

CONTROL EQUIPMENT | OPERATING MODE

DESCRIBE EMISSION POINT

HEIGHT OF EMISSION POINT | HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER (START / END)

DISTANCE TO EMISSION POINT (START / END) | DIRECTION TO EMISSION PT. (DEGREES (0-360)) (START / END)

VERTICAL ANGLE TO OBSERVATION POINT (START / END) | DIRECTION TO OBSERVATION POINT (DEGREES (0-360)) (START / END)

DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT (START / END)

DESCRIBE EMISSIONS (START / END)

EMISSION COLOR (START / END) | WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐

DESCRIBE PLUME BACKGROUND (START / END)

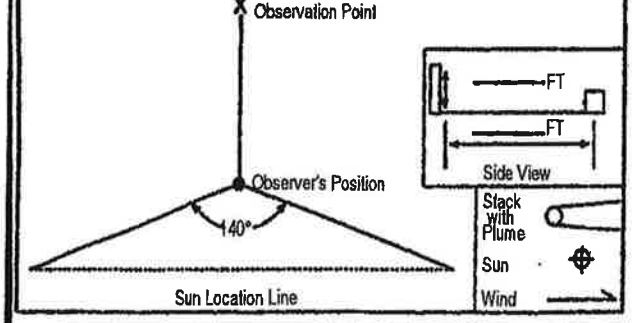
BACKGROUND COLOR (START / END) | SKY CONDITIONS (START / END)

WIND SPEED (START / END) | WIND DIRECTION (START / END)

AMBIENT TEMP (START / END) | WET BULB TEMP | RH percent

Source Layout Sketch

Draw North Arrow ☐TN ☐MN



ADDITIONAL INFORMATION

OBSERVATION DATE: 1/23/13 | START TIME: 0230 | END TIME: 0300

MIN \ SEC	0	15	30	45	COMMENTS
1	10	10	10	10	
2	10	10	10	10	
3	10	10	10	10	
4	10	10	10	10	
5	15	15	15	15	
6	15	15	15	15	
7	15	15	15	15	
8	10	10	10	10	
9	10	10	10	10	
10	10	10	10	10	
11	10	10	10	10	
12	10	10	10	10	
13	10	10	10	10	
14	10	10	10	10	
15	5	5	5	5	
16	5	5	5	5	
17	5	5	5	5	
18	10	10	10	10	
19	10	10	10	10	
20	10	10	10	10	
21	10	10	10	10	
22	10	10	10	10	
23	10	10	10	10	
24	10	10	10	10	
25	10	10	10	10	
26	10	10	10	10	
27	10	10	10	10	
28	10	10	10	10	
29	10	10	10	10	
30	10	10	10	10	

OBSERVER'S NAME (PRINT): Richard Valdez #151

OBSERVER'S SIGNATURE | DATE: 1/23/13

ORGANIZATION

CERTIFIED BY | DATE

EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME: D.E.P.		
LOCATION: Floyd Bennett Field		
LOCATION: 50 Aviation Rd		
CITY: Brooklyn	STATE: NY	ZIP: 11234
PROCESS EQUIPMENT	OPERATING MODE	
CONTROL EQUIPMENT	OPERATING MODE	

DESCRIBE EMISSION POINT

HEIGHT OF EMISSION POINT	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START END
DISTANCE TO EMISSION POINT: START END	DIRECTION TO EMISSION PT. (DEGREES (0-360)): START END
VERTICAL ANGLE TO OBSERVATION POINT: START END	DIRECTION TO OBSERVATION POINT (DEGREES (0-360)): START END

DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT: START END

DESCRIBE EMISSIONS: START END

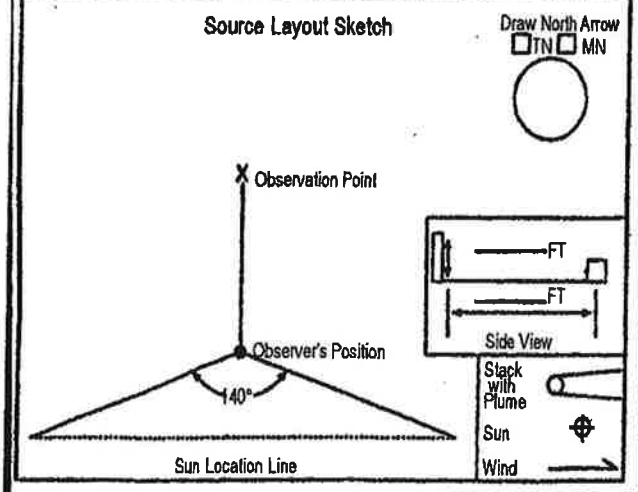
EMISSION COLOR: START END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐

DESCRIBE PLUME BACKGROUND: START END

BACKGROUND COLOR: START END	SKY CONDITIONS: START END
WIND SPEED: START END	WIND DIRECTION: START END
AMBIENT TEMP: START END	WET BULB TEMP / RH percent

Source Layout Sketch

Draw North Arrow ☐TN ☐MN



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
1/23/13	0300	0330

SEC / MIN	0	15	30	45	COMMENTS
1	10	10	10	10	
2	10	10	10	10	
3	10	10	10	10	
4	10	10	10	10	
5	10	10	10	10	
6	10	10	10	10	
7	10	10	10	10	
8	10	10	10	10	
9	15	15	15	15	
10	15	15	15	15	
11	15	15	15	15	
12	15	15	15	15	
13	20	20	20	20	
14	15	15	15	15	
15	15	15	15	15	
16	15	15	15	15	
17	10	10	10	10	
18	10	10	10	10	
19	10	10	10	10	
20	15	15	15	15	
21	15	15	15	15	
22	10	10	10	10	
23	10	10	10	10	
24	5	5	5	5	
25	5	5	5	5	
26	10	10	10	10	
27	10	10	10	10	
28	10	10	10	10	
29	10	10	10	10	
30	15	15	15	15	

OBSERVER'S NAME (PRINT): Richard Valdez #151	
OBSERVER'S SIGNATURE	DATE: 1/23/13
ORGANIZATION	
CERTIFIED BY	DATE

EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME: D.E.P.		
LOCATION: Floyd Bennett Field		
LOCATION: 50 Aviation Rd		
CITY: Brooklyn	STATE: NY	ZIP: 11234
PROCESS EQUIPMENT	OPERATING MODE	
CONTROL EQUIPMENT	OPERATING MODE	

DESCRIBE EMISSION POINT

HEIGHT OF EMISSION POINT	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START END
DISTANCE TO EMISSION POINT: START END	DIRECTION TO EMISSION PT. (DEGREES (0-360)): START END
VERTICAL ANGLE TO OBSERVATION POINT: START END	DIRECTION TO OBSERVATION POINT (DEGREES (0-360)): START END

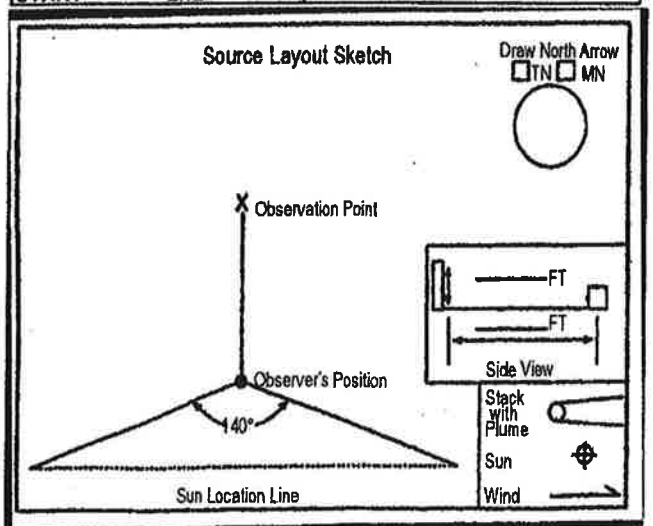
DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT: START END

DESCRIBE EMISSIONS: START END

EMISSION COLOR: START END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐

DESCRIBE PLUME BACKGROUND: START END

BACKGROUND COLOR: START END	SKY CONDITIONS: START END
WIND SPEED: START END	WIND DIRECTION: START END
AMBIENT TEMP: START END	WET BULB TEMP / RH percent



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
1/23/13	0330	0400

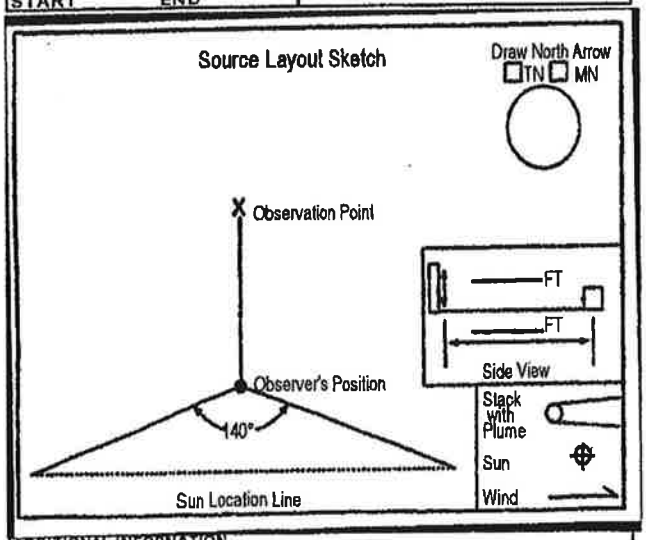
SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	
2	5	5	5	5	
3	5	5	5	5	
4	10	10	10	10	
5	10	10	10	10	
6	10	10	10	10	
7	10	10	10	10	
8	10	10	10	10	
9	15	15	15	15	
10	15	15	15	15	
11	15	15	15	15	
12	15	15	15	15	
13	20	20	20	20	
14	15	15	15	15	
15	15	15	15	15	
16	15	15	15	15	
17	10	10	10	10	
18	10	10	10	10	
19	10	10	10	10	
20	15	15	15	15	
21	15	15	15	15	
22	10	10	10	10	
23	10	10	10	10	
24	5	5	5	5	
25	10	10	10	10	
26	10	10	10	10	
27	15	15	15	15	
28	15	15	15	15	
29	15	15	15	15	
30	15	15	15	15	

OBSERVER'S NAME (PRINT): Richard Valdez #151	
OBSERVER'S SIGNATURE	DATE: 1/23/13
ORGANIZATION	
CERTIFIED BY	DATE

EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME: D.E.P.		
LOCATION: Floyd Bennett Field		
LOCATION: 50 Aviation Rd		
CITY: Brooklyn	STATE: NY	ZIP: 11234
PROCESS EQUIPMENT	OPERATING MODE	
CONTROL EQUIPMENT	OPERATING MODE	

DESCRIBE EMISSION POINT	
HEIGHT OF EMISSION POINT	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START / END
DISTANCE TO EMISSION POINT: START / END	DIRECTION TO EMISSION PT. (DEGREES (0-360)): START / END
VERTICAL ANGLE TO OBSERVATION POINT: START / END	DIRECTION TO OBSERVATION POINT (DEGREES (0-360)): START / END
DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT: START / END	
DESCRIBE EMISSIONS: START / END	
EMISSION COLOR: START / END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐
DESCRIBE PLUME BACKGROUND: START / END	
BACKGROUND COLOR: START / END	SKY CONDITIONS: START / END
WIND SPEED: START / END	WIND DIRECTION: START / END
AMBIENT TEMP: START / END	WET BULB TEMP / RH percent



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
1/23/13	0400	0430

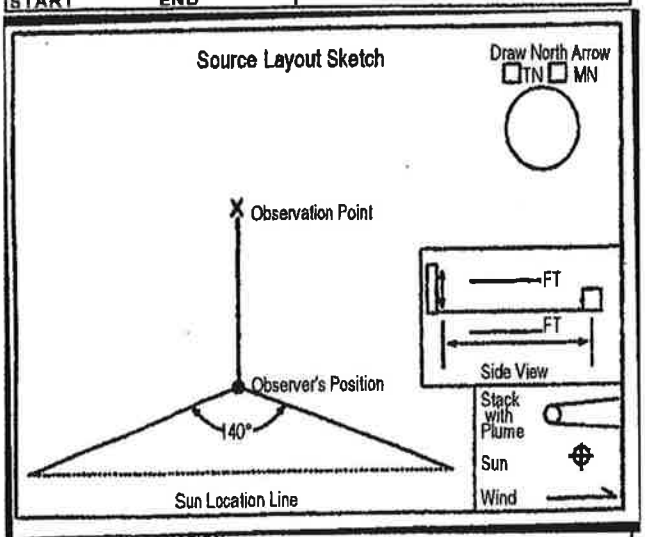
SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	
2	5	5	5	5	
3	5	5	5	5	
4	5	5	5	5	
5	10	10	10	10	
6	10	10	10	10	
7	10	10	10	10	
8	5	5	5	5	
9	5	5	5	5	
10	10	10	10	10	
11	10	10	10	10	
12	10	10	10	10	
13	10	10	10	10	
14	5	5	5	5	
15	5	5	5	5	
16	5	5	5	5	
17	5	5	5	5	
18	5	5	5	5	
19	10	10	10	10	
20	10	10	10	10	
21	10	10	10	10	
22	15	15	15	15	
23	15	15	15	15	
24	10	10	10	10	
25	10	10	10	10	
26	5	5	5	5	
27	5	5	5	5	
28	10	10	10	10	
29	10	10	10	10	
30	10	10	10	10	

OBSERVER'S NAME (PRINT): Richard Valdez #151	
OBSERVER'S SIGNATURE	DATE: 1/23/13
ORGANIZATION	
CERTIFIED BY	DATE

EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME: D.E.P		
LOCATION: Floyd Bennett Field		
LOCATION: 50 Aviation Rd		
CITY: Brooklyn	STATE: NY	ZIP: 11234
PROCESS EQUIPMENT	OPERATING MODE	
CONTROL EQUIPMENT	OPERATING MODE	

DESCRIBE EMISSION POINT	
HEIGHT OF EMISSION POINT	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START END
DISTANCE TO EMISSION POINT: START END	DIRECTION TO EMISSION PT. (DEGREES (0-360)): START END
VERTICAL ANGLE TO OBSERVATION POINT: START END	DIRECTION TO OBSERVATION POINT (DEGREES (0-360)): START END
DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT: START END	
DESCRIBE EMISSIONS: START END	
EMISSION COLOR: START END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐
DESCRIBE PLUME BACKGROUND: START END	
BACKGROUND COLOR: START END	SKY CONDITIONS: START END
WIND SPEED: START END	WIND DIRECTION: START END
AMBIENT TEMP: START END	WET BULB TEMP RH percent



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
1/23/13	0430	0500

MIN \ SEC	0	15	30	45	COMMENTS
1	10	10	10	10	
2	10	10	10	10	
3	10	10	10	10	
4	10	10	10	10	
5	10	10	10	10	
6	10	10	10	10	
7	10	10	10	10	
8	10	10	10	10	
9	10	10	10	10	
10	10	10	10	10	
11	10	10	10	10	
12	10	10	10	10	
13	10	10	10	10	
14	10	10	10	10	
15	15	15	15	15	
16	15	15	15	15	
17	15	15	15	15	
18	10	10	10	10	
19	10	10	10	10	
20	10	10	10	10	
21	10	10	10	10	
22	10	10	10	10	
23	10	10	10	10	
24	10	10	10	10	
25	5	5	5	5	
26	5	5	5	5	
27	5	5	5	5	
28	10	10	10	10	
29	10	10	10	10	
30	10	10	10	10	

OBSERVER'S NAME (PRINT)	Richard Valdez #151
OBSERVER'S SIGNATURE	DATE 1/23/13
ORGANIZATION	
CERTIFIED BY	DATE

EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME: D.E.P.		
LOCATION: Floyd Bennett Field		
LOCATION: 50 Aviation Rd		
CITY: Brooklyn	STATE: NY	ZIP: 1234
PROCESS EQUIPMENT	OPERATING MODE	
CONTROL EQUIPMENT	OPERATING MODE	

DESCRIBE EMISSION POINT

HEIGHT OF EMISSION POINT	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START END
DISTANCE TO EMISSION POINT: START END	DIRECTION TO EMISSION PT. (DEGREES (0-360)): START END
VERTICAL ANGLE TO OBSERVATION POINT: START END	DIRECTION TO OBSERVATION POINT (DEGREES (0-360)): START END

DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT: START END

DESCRIBE EMISSIONS: START END

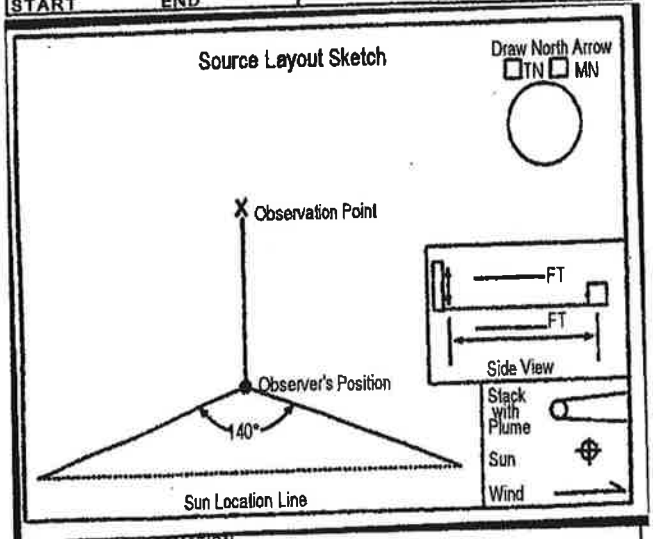
EMISSION COLOR: START END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐

DESCRIBE PLUME BACKGROUND: START END

BACKGROUND COLOR: START END	SKY CONDITIONS: START END
WIND SPEED: START END	WIND DIRECTION: START END
AMBIENT TEMP: START END	WET BULB TEMP RH percent

Source Layout Sketch

Draw North Arrow ☐TN ☐MN



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
1/23/13	0500	0530

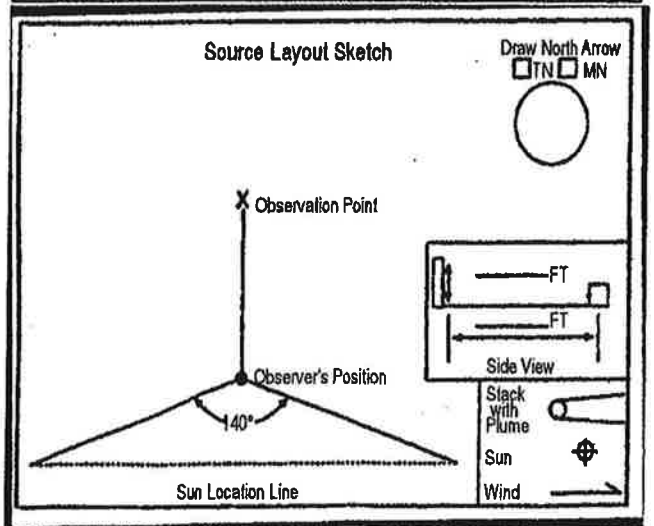
SEC / MIN	0	15	30	45	COMMENTS
1	10	10	10	10	
2	10	10	10	10	
3	10	10	10	10	
4	10	10	10	10	
5	10	10	10	10	
6	10	10	10	10	
7	15	15	15	15	
8	15	15	15	15	
9	15	15	15	15	
10	15	15	15	15	
11	15	15	15	15	
12	15	15	15	15	
13	15	15	15	15	
14	15	15	15	15	
15	15	15	15	15	
16	10	10	10	10	
17	10	10	10	10	
18	10	10	10	10	
19	10	10	10	10	
20	10	10	10	10	
21	10	10	10	10	
22	10	10	10	10	
23	10	10	10	10	
24	5	5	5	5	
25	5	5	5	5	
26	5	5	5	5	
27	5	5	5	5	
28	5	5	5	5	
29	5	5	5	5	
30	5	5	5	5	

OBSERVER'S NAME (PRINT): Richard Valdez #151	
OBSERVER'S SIGNATURE	DATE 1/23/13
ORGANIZATION	
CERTIFIED BY	DATE

EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME: D.E.P		
LOCATION: Floyd Bennett Field		
LOCATION: 30 Aviation Rd		
CITY: Brooklyn	STATE: NY	ZIP: 11234
PROCESS EQUIPMENT	OPERATING MODE	
CONTROL EQUIPMENT	OPERATING MODE	

DESCRIBE EMISSION POINT	
HEIGHT OF EMISSION POINT	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START END
DISTANCE TO EMISSION POINT: START END	DIRECTION TO EMISSION PT. (DEGREES (0-360)): START END
VERTICAL ANGLE TO OBSERVATION POINT: START END	DIRECTION TO OBSERVATION POINT (DEGREES (0-360)): START END
DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT: START END	
DESCRIBE EMISSIONS: START END	
EMISSION COLOR: START END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐
DESCRIBE PLUME BACKGROUND: START END	
BACKGROUND COLOR: START END	SKY CONDITIONS: START END
WIND SPEED: START END	WIND DIRECTION: START END
AMBIENT TEMP: START END	WET BULB TEMP / RH percent



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
1/23/13	0530	0600

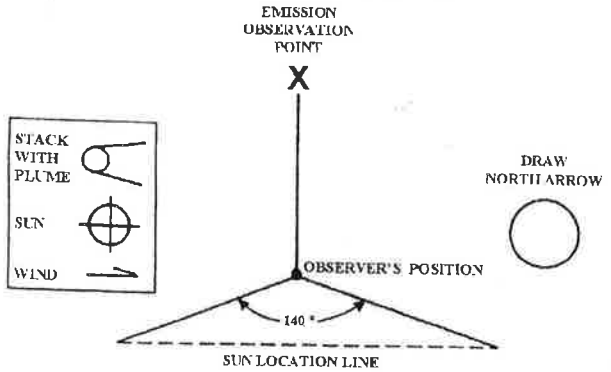
SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	
2	5	5	5	5	
3	5	5	5	5	
4	5	5	5	5	
5	10	10	10	10	
6	10	10	10	10	
7	10	10	10	10	
8	10	10	10	10	
9	15	15	15	15	
10	15	15	15	15	
11	15	15	15	15	
12	15	15	15	15	
13	15	15	15	15	
14	15	15	15	15	
15	15	15	15	15	
16	15	15	15	15	
17	10	10	10	10	
18	10	10	10	10	
19	10	10	10	10	
20	15	15	15	15	
21	15	15	15	15	
22	10	10	10	10	
23	10	10	10	10	
24	5	5	5	5	
25	10	10	10	10	
26	10	10	10	10	
27	10	10	10	10	
28	10	10	10	10	
29	10	10	10	10	
30	10	10	10	10	

OBSERVER'S NAME (PRINT): Richard Valdez #151	
OBSERVER'S SIGNATURE	DATE: 1/23/13
ORGANIZATION	
CERTIFIED BY	DATE

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer: Start / End	
Distance to Emission Point: Start / End	Direction to Emission Point: Start / End	
Vertical Angle to Observation Pt. Start / End	Direction to Observation Point Start / End	
Describe Emissions: Start / End		
Emission Color: Start / End	If Water Droplet Plume (Circle): Attached / Detached / N/A	
Point In The Plume At Which Opacity Was Determined: Start / End		
Describe Plume Background: Start / End		
Background Color: Start / End	Sky Condition: Start / End	
Wind Speed: Start / End	Wind Direction: Start / End	
Ambient Temp: Start / End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
01-23-13	0700	0730

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

Observer's Name (Print)	
Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01-23-13
Organization	
Certified by	Date

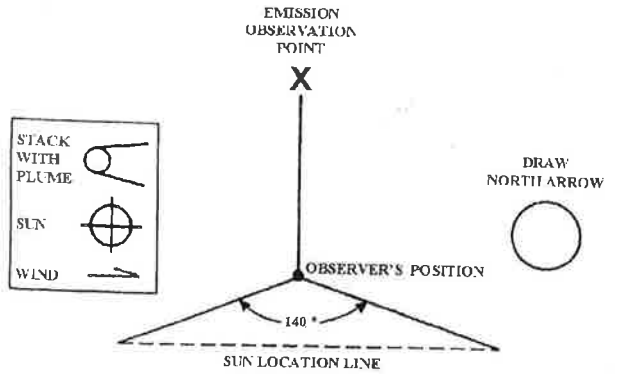
Continue on reverse side

(2)

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer: Start / End	
Distance to Emission Point: Start / End	Direction to Emission Point: Start / End	
Vertical Angle to Observation Pt.: Start / End	Direction to Observation Point: Start / End	
Describe Emissions: Start / End		
Emission Color: Start / End	If Water Droplet Plume (Circle): Attached / Detached / N/A	
Point In The Plume At Which Opacity Was Determined: Start / End		
Describe Plume Background: Start / End		
Background Color: Start / End	Sky Condition: Start / End	
Wind Speed: Start / End	Wind Direction: Start / End	
Ambient Temp: Start / End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date: 01·23·13 | Start Time: 0731 | End Time: 0800

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01·23·13
Organization	
Certified by	Date

Additional Information

Continue on reverse side

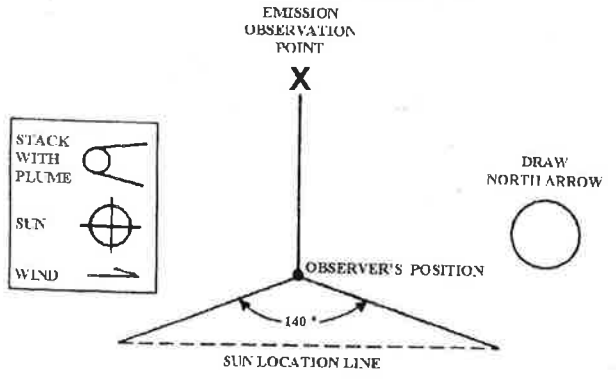
(2)

(3)

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer: Start / End	
Distance to Emission Point: Start / End	Direction to Emission Point: Start / End	
Vertical Angle to Observation Pt. Start / End	Direction to Observation Point Start / End	
Describe Emissions: Start / End		
Emission Color: Start / End	If Water Droplet Plume (Circle): Attached / Detached / N/A	
Point In The Plume At Which Opacity Was Determined: Start / End		
Describe Plume Background: Start / End		
Background Color: Start / End	Sky Condition: Start / End	
Wind Speed: Start / End	Wind Direction: Start / End	
Ambient Temp: Start / End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Additional Information	

Observation Date	Start Time	End Time
01-23-13	0801	0830

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01-23-13
Organization	
Certified by	Date

Continue on reverse side

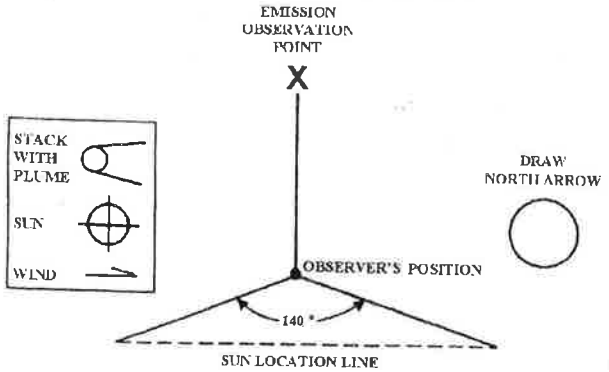
(3)

(4)

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer: Start / End	
Distance to Emission Point: Start / End	Direction to Emission Point: Start / End	
Vertical Angle to Observation Pt.: Start / End	Direction to Observation Point: Start / End	
Describe Emissions: Start / End		
Emission Color: Start / End	If Water Droplet Plume (Circle): Attached / Detached / N/A	
Point In The Plume At Which Opacity Was Determined: Start / End		
Describe Plume Background: Start / End		
Background Color: Start / End	Sky Condition: Start / End	
Wind Speed: Start / End	Wind Direction: Start / End	
Ambient Temp: Start / End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
01·23·13	0831	0900

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01·23·13
Organization	
Certified by	Date

Continue on reverse side

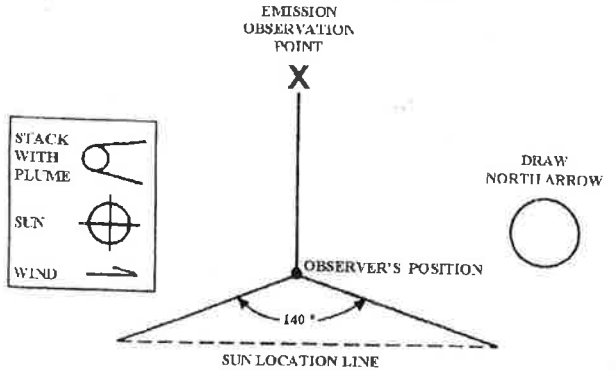
(4)

(5)

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
Distance to Emission Point Start End	Direction to Emission Point Start End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
01-23-13	0901	0930

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

Observer's Name (Print)	
Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01-23-13
Organization	
Certified by	Date

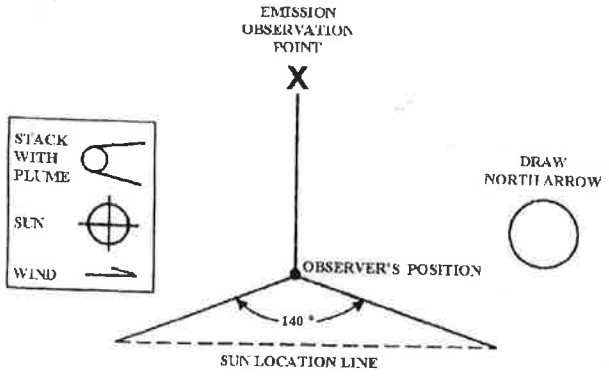
Continue on reverse side

(5)

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer: Start / End	
Distance to Emission Point: Start / End	Direction to Emission Point: Start / End	
Vertical Angle to Observation Pt.: Start / End	Direction to Observation Point: Start / End	
Describe Emissions: Start / End		
Emission Color: Start / End	If Water Droplet Plume (Circle): Attached / Detached / N/A	
Point In The Plume At Which Opacity Was Determined: Start / End		
Describe Plume Background: Start / End		
Background Color: Start / End	Sky Condition: Start / End	
Wind Speed: Start / End	Wind Direction: Start / End	
Ambient Temp: Start / End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
01-23-13	0931	1000

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01-23-13
Organization	
Certified by	Date

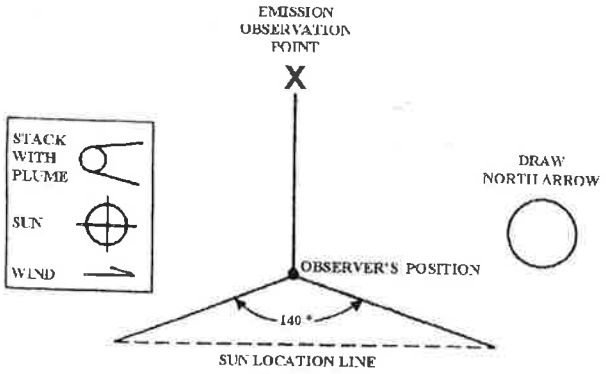
Continue on reverse side

(7)

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
Distance to Emission Point Start End	Direction to Emission Point Start End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
01·23·13	1001	1030

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	#1 5-5-5-5
2	0	0	0	0	5·5·5·5
3	0	0	0	0	5·5·5·5
4	0	0	0	0	5-5-5-5
5	5	5	5	5	5-5-5-5
6	5	10	10	10	#1 5-5·5-5
7	10	10	10	10	5·5-5·5
8	10	10	10	10	5-5·5·5
9	10	10	10	10	5·5-5·5
10	10	10	10	10	5·5-5-5
11	10	10	10	10	#1 5-5·5·5
12	10	10	10	10	5-5-5·5
13	10	10	5	5	5-10-10-10
14	5	5	5	5	10-10-10-10
15	5	5	5	5	10-10-10-10
16	5	5	5	5	#1 10-10-10-10
17	5	5	5	5	10·10-10·10
18	5	5	5	5	10·10-10-10
19	5	5	5	5	10-10-10-10
20	5	5	5	5	5·5·5·5
21	5	5	5	5	#1 5·5-5·5
22	5	5	5	5	5·5-5·5
23	5	5	5	5	5·5·5·5
24	5	5	5	5	5·5-5·5
25	5	5	5	5	5-5-5·5
26	5	5	5	5	#1 5-5·5·5
27	5	5	5	5	5-5-5-5
28	5	5	5	5	5·5·5·5
29	5	5	5	5	5·5-5·5
30	5	5	5	5	#1 5·5·5·5

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01·23·13
Organization	
Certified by	Date

Continue on reverse side

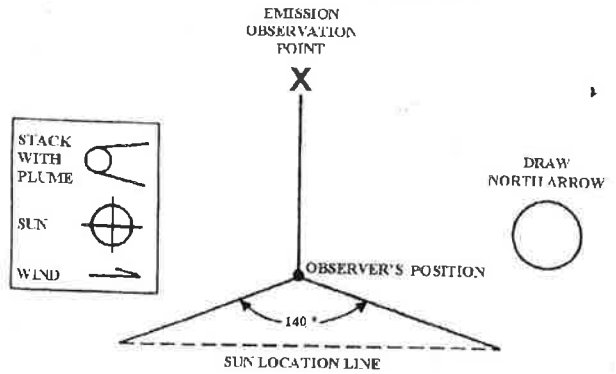
(7)

(8)

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer: Start / End	
Distance to Emission Point: Start / End	Direction to Emission Point: Start / End	
Vertical Angle to Observation Pt. Start / End	Direction to Observation Point Start / End	
Describe Emissions: Start / End		
Emission Color: Start / End	If Water Droplet Plume (Circle): Attached / Detached / N/A	
Point In The Plume At Which Opacity Was Determined: Start / End		
Describe Plume Background: Start / End		
Background Color: Start / End	Sky Condition: Start / End	
Wind Speed: Start / End	Wind Direction: Start / End	
Ambient Temp: Start / End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
01-23-13	1031	1100

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01-23-13
Organization	
Certified by	Date

Continue on reverse side

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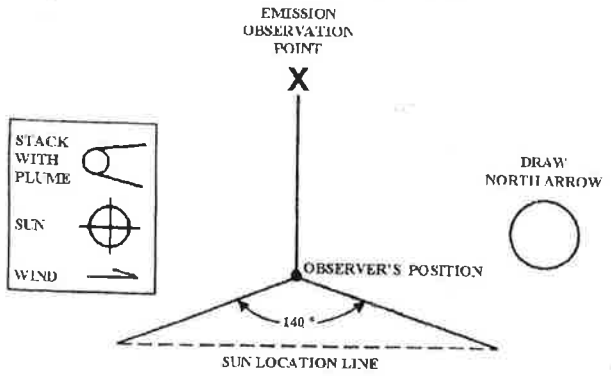
VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer: Start / End	
Distance to Emission Point: Start / End	Direction to Emission Point: Start / End	
Vertical Angle to Observation Pt.: Start / End	Direction to Observation Point: Start / End	
Describe Emissions: Start / End		
Emission Color: Start / End	If Water Droplet Plume (Circle): Attached / Detached / N/A	
Point In The Plume At Which Opacity Was Determined: Start / End		
Describe Plume Background: Start / End		
Background Color: Start / End	Sky Condition: Start / End	
Wind Speed: Start / End	Wind Direction: Start / End	
Ambient Temp: Start / End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
01-23-13	1101	1130

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1 5-5-5-5
2	5	5	5	5	5-5-5-5
3	5	5	5	5	5-5-5-5
4	5	5	5	5	5-5-5-5
5	5	5	5	5	5-5-5-5
6	10	10	10	10	#1 5-5-5-5
7	10	10	10	10	5-5-5-5
8	10	10	10	10	5-5-5-5
9	10	10	10	10	5-5-5-5
10	5	5	5	5	10-10-10-10
11	5	5	5	5	10-10-10-10
12	5	5	5	5	#1 10-10-10-10
13	5	5	5	5	10-10-10-10
14	5	5	5	5	10-10-10-10
15	5	5	5	5	10-10-10-10
16	—	—	—	—	Broke for Gas
17					
18					#1
19					
20					
21					
22					
23					
24					#1
25					
26					
27					
28					
29					
30	—	—	—	—	#1

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01-23-13
Organization	
Certified by	Date

Additional Information

Continue on reverse side

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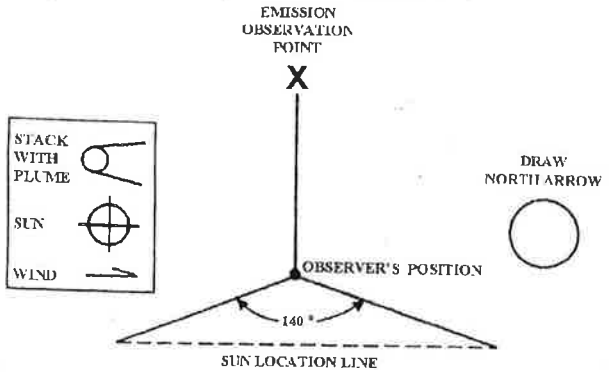
VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer: Start / End	
Distance to Emission Point: Start / End	Direction to Emission Point: Start / End	
Vertical Angle to Observation Pt.: Start / End	Direction to Observation Point: Start / End	
Describe Emissions: Start / End		
Emission Color: Start / End	If Water Droplet Plume (Circle): Attached / Detached / N/A	
Point In The Plume At Which Opacity Was Determined: Start / End		
Describe Plume Background: Start / End		
Background Color: Start / End	Sky Condition: Start / End	
Wind Speed: Start / End	Wind Direction: Start / End	
Ambient Temp: Start / End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Additional Information

Observation Date: 01-23-13 | Start Time: 1200 | End Time: 1230

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01-23-13
Organization	
Certified by	Date

Continue on reverse side

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