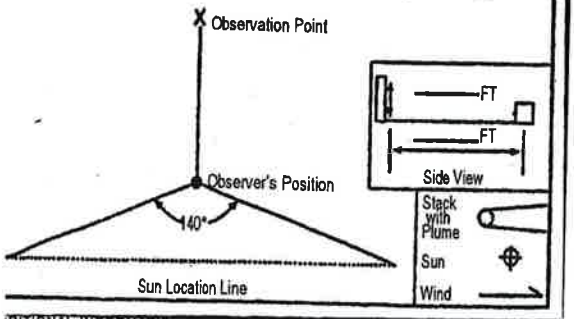
EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME		
LOCATION		
LOCATION		
CITY	STATE	ZIP
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
2/6/13	0200	0230

SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	NO LOADING
2	5	5	5	5	
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	
6	5	5	5	5	
7	5	5	5	5	
8	5	5	5	5	
9	5	5	5	5	
10	5	5	5	5	
11	5	5	5	5	
12	5	5	5	5	
13	5	5	5	5	
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	5	5	5	5	
20	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	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	

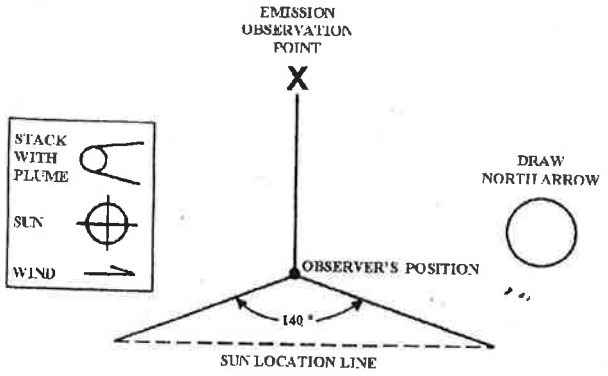
OBSERVER'S NAME (PRINT)	JOE ACOSTA	
OBSERVER'S SIGNATURE		DATE 2/6/13
ORGANIZATION	DEP	
CERTIFIED BY		DATE

(13)

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
02-06-13	1301	1330

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	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	5	5	5	5	5-5-5-5
27	5	5	5	5	5-5-5-5
28	5	10	10	10	5-10-10-10
29	10	10	10	10	10-10-10-10
30	10	10	10	10	#1-10-10-10-10

Observer's Name (Print)	
Eric Gregorius	
Observer's Signature	Date
Eric Gregorius	02-06-13
Organization	
Certified by	Date

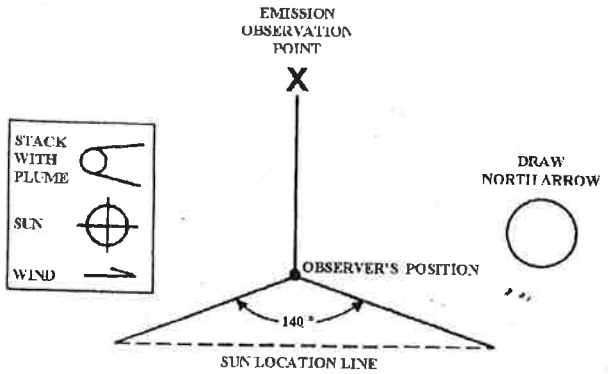
Continue on reverse side

(13)

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
02-06-13	1500	1530

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	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	#1-10-10-10-15
11	5	5	5	5	15-15-15-15
12	5	5	5	5	15-15-10-10
13	5	5	5	5	10-10-10-15
14	5	5	10	10	15-15-15-15
15	10	10	10	10	#1-15-15-15-15
16	10	10	10	10	15-15-15-15
17	10	10	10	10	15-15-15-15
18	10	10	10	10	15-15-15-10
19	10	10	10	10	10-10-10-10
20	10	10	10	5	#1-10-10-10-5
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	5-10-10-10
30	5	5	5	5	#1-10-10-10-10

wood & stir

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02.06.13
Organization	
Certified by	Date

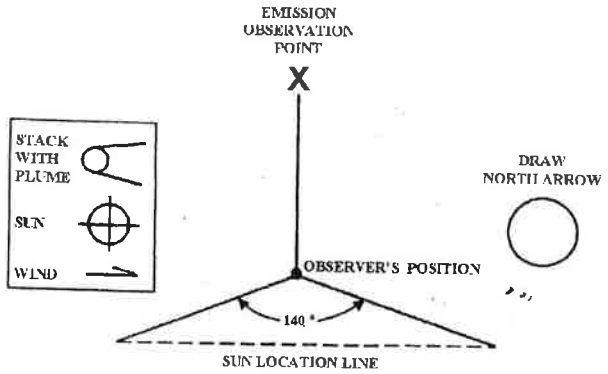
Additional Information

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	Start Time	End Time
02-06-13	1531	1600

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1 - 10-10-10-10
2	5	5	5	10	10-10-10-5
3	10	10	10	10	5-5-5-5
4	10	10	10	10	5-5-5-5
5	10	10	10	10	#1 - 5-5-5-5
6	10	10	10	10	5-5-5-5
7	10	10	10	10	5-5-5-5
8	10	10	10	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 - 10-10-10-10 stir
16	5	5	5	5	5-5-5-5
17	5	5	5	5	5-5-5-10
18	5	5	5	5	10-10-5-5
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	10	10	5	5	stir 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: 02-06-13
Organization	
Certified by	Date

Continue on reverse side

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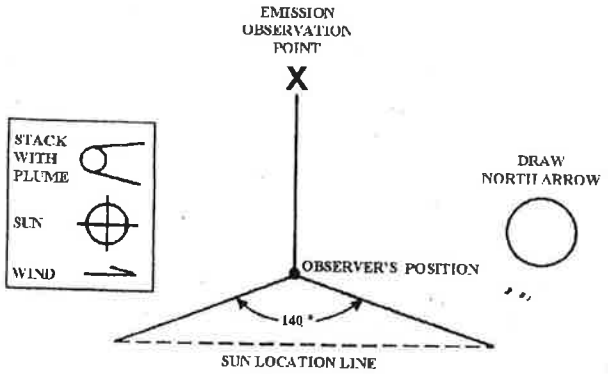
VISIBLE EMISSION OBSERVATION FORM

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
02-06-13	1601	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	5	5	5	5	10-10-10-10 Start
7	5	5	5	5	10-10-5-5
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	5-5-5-10
13	5	5	5	5	10-10-5-5
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	#1-5-10-10-10

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-06-13
Organization	
Certified by	Date

Continue on reverse side

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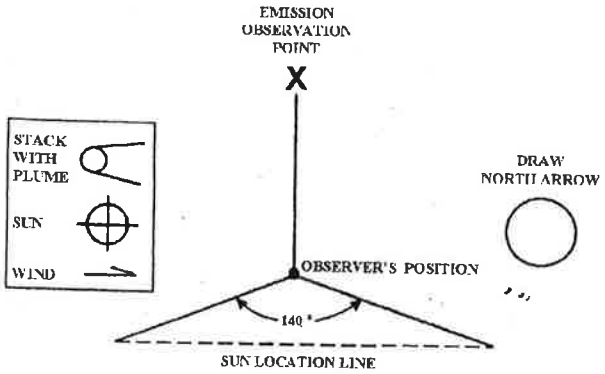
VISIBLE EMISSION OBSERVATION FORM

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
#2 Unit shutoff for Repair

Observation Date	Start Time	End Time
02-06-13	1631	1700

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1-10-10-10-5
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	5	5	5	5	5-5-5-5
19	5	5	5	5	5-5-5-10
20	5	5	5	5	#1-10-10-10-10
21	5	5	5	5	10-10-10-10
22	5	5	5	5	10-10-10-10
23	5	5	5	5	10-10-10-10
24	5	5	5	5	10-10-10-5
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	off - Shut				5-5-5-5
30	Down				#1-5-5-5

Stir ↓ Wood ↓

Observer's Name (Print)	
Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-06-13
Organization	
Certified by	Date

Continue on reverse side

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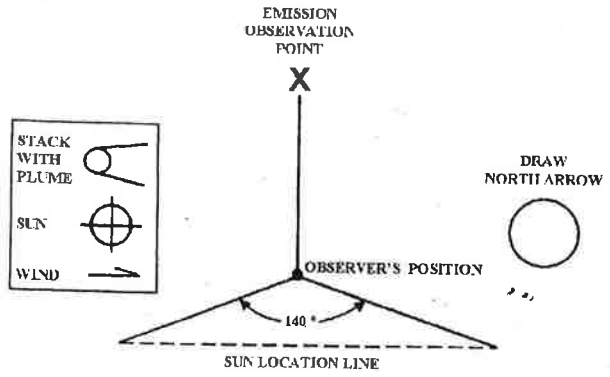
VISIBLE EMISSION OBSERVATION FORM

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
02-06-13	1701	1730

Min \ Sec	0	15	30	45	Comments
1	Down for				#1 - 5-5-5-5
2	Repair				5-5-5-5
3					5-5-5-5
4					5-5-5-5
5					#1 - 5-5-5-5
6					5-5-5-5
7					5-5-5-5
8					5-5-5-5
9					5-5-5-5
10					#1 - 5-5-10-10 stir
11					10-10-10-10
12					10-10-10-10
13					10-10-10-10 wood
14					10-10-10-10
15					#1 - 10-10-10-10
16					10-10-10-5
17					5-5-5-5
18					5-5-5-5
19					5-5-5-5
20					#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 - 5-10-10-10 wood

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-06-13
Organization	
Certified by	Date

Continue on reverse side

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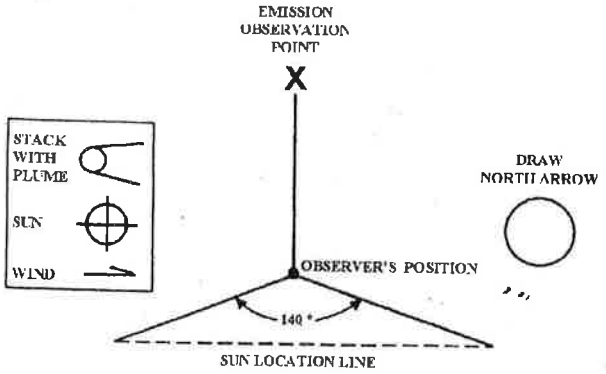
VISIBLE EMISSION OBSERVATION FORM

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: 02-06-13 | Start Time: 1731 | End Time: 1800

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-06-13
Organization	
Certified by	Date

Continue on reverse side

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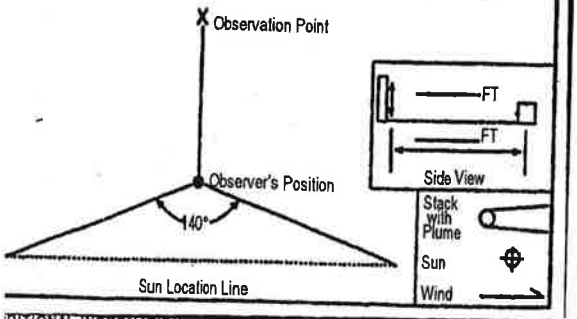
EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME		
LOCATION		
LOCATION		
CITY	STATE	ZIP
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: 2/6/13 | START TIME: 0300 | END TIME: 0330

MIN \ SEC	0	15	30	45	COMMENTS
1	5	5	5	5	NO LOADING
2	5	5	5	5	
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	
6	5	5	5	5	
7	5	5	5	5	
8	5	5	5	5	LOADING
9	5	5	5	5	
10	5	5	5	5	
11	5	5	5	5	
12	5	5	5	5	
13	5	5	5	5	
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	5	5	5	5	
20	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	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)	JOE ACOSTA	
OBSERVER'S SIGNATURE		DATE 2/6/13
ORGANIZATION	DEP	
CERTIFIED BY		DATE

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

COMPANY NAME

LOCATION

LOCATION

CITY | STATE | ZIP

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)

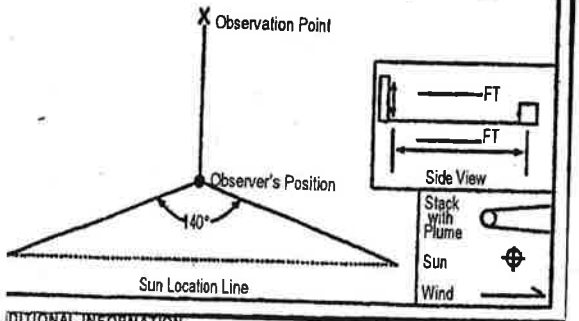
BACKGROUND COLOR (START / END) | SKY CONDITIONS (START / END)

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: 2/6/13 | START TIME: 0330 | END TIME: 0400

MIN \ SEC	0	15	30	45	COMMENTS
1	5	5	5	5	LOADING
2	5	5	5	5	
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	
6	5	5	5	5	
7	5	5	5	5	
8	5	5	5	5	
9	5	5	5	5	
10	5	5	5	5	
11	5	5	5	5	
12	5	5	5	5	
13	5	5	5	5	
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	5	5	5	5	
20	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	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): JOE ACOSTA

OBSERVER'S SIGNATURE: [signature] | DATE: 2/6/13

ORGANIZATION: DEP

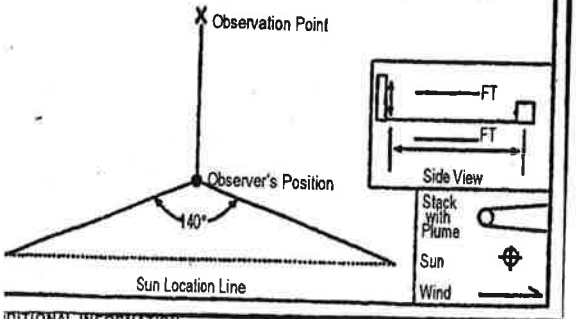
CERTIFIED BY | DATE

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

COMPANY NAME		
LOCATION		
LOCATION		
CITY	STATE	ZIP
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: 2/6/13 | START TIME: 0400 | END TIME: 0430

MIN \ SEC	0	15	30	45	COMMENTS
1	S	S	S	S	NO LOADING
2	S	S	S	S	
3	S	S	S	S	
4	S	S	S	S	
5	S	S	S	S	
6	S	S	S	S	
7	S	S	S	S	
8	S	S	S	S	
9	S	S	S	S	
10	S	S	S	S	
11	S	S	S	S	
12	S	S	S	S	
13	S	S	S	S	
14	S	S	S	S	
15	S	S	S	S	
16	S	S	S	S	
17	S	S	S	S	
18	S	S	S	S	
19	S	S	S	S	
20	S	S	S	S	
21	S	S	S	S	
22	S	S	S	S	
23	S	S	S	S	
24	S	S	S	S	
25	S	S	S	S	
26	S	S	S	S	
27	S	S	S	S	
28	S	S	S	S	
29	S	S	S	S	
30	S	S	S	S	

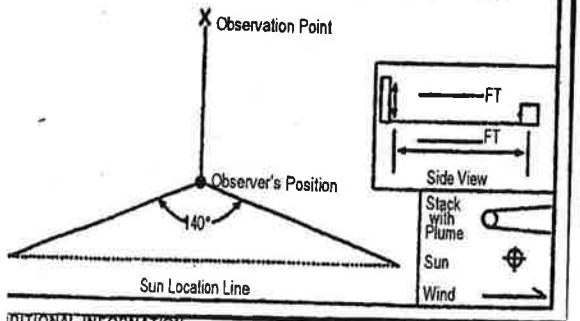
OBSERVER'S NAME (PRINT)	JOE ACOSTA	
OBSERVER'S SIGNATURE		DATE 2/6/13
ORGANIZATION	DEP	
CERTIFIED BY		DATE

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

COMPANY NAME		
LOCATION		
LOCATION		
CITY	STATE	ZIP
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: 2/6/13 | START TIME: 0430 | END TIME: 0500

MIN \ SEC	0	15	30	45	COMMENTS
1	5	5	5	5	LOADING
2	5	5	5	5	
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	
6	5	5	5	5	
7	5	5	5	5	
8	5	5	5	5	
9	5	5	5	5	
10	5	5	5	5	
11	5	5	5	5	
12	5	5	5	5	
13	5	5	5	5	
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	5	5	5	5	
20	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	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	

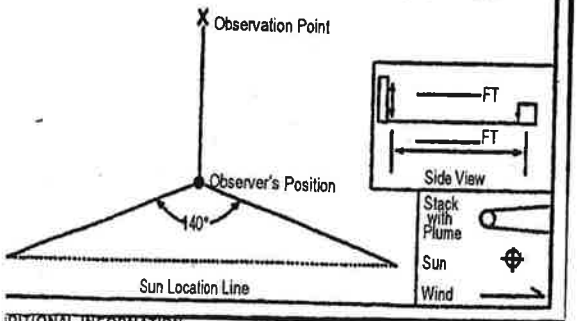
OBSERVER'S NAME (PRINT)	Joe ACOSTA	
OBSERVER'S SIGNATURE	JA	DATE 2/6/13
ORGANIZATION	DEP	
CERTIFIED BY		DATE

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

COMPANY NAME		
LOCATION		
LOCATION		
CITY	STATE	ZIP
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: 2/6/13 | START TIME: 0500 | END TIME: 0530

MIN \ SEC	0	15	30	45	COMMENTS
1	5	5	5	5	LOADING
2	5	5	5	5	
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	
6	5	5	5	5	
7	5	5	5	5	
8	5	5	5	5	
9	5	5	5	5	
10	5	5	5	5	
11	5	5	5	5	
12	5	5	5	5	
13	5	5	5	5	
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	5	5	5	5	
20	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	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)	JOE ACOSTA
OBSERVER'S SIGNATURE	DATE 2/6/13
ORGANIZATION	DEP
CERTIFIED BY	DATE

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

COMPANY NAME		
LOCATION		
LOCATION		
CITY	STATE	ZIP
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

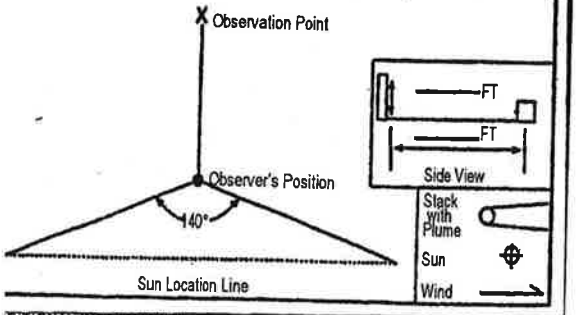
EMISSION COLOR START END	WATER DROPLET PLUME ATTACHED ☐ DETACHED ☐ NONE ☐

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: 2/6/13 | START TIME: 0530 | END TIME: 0600

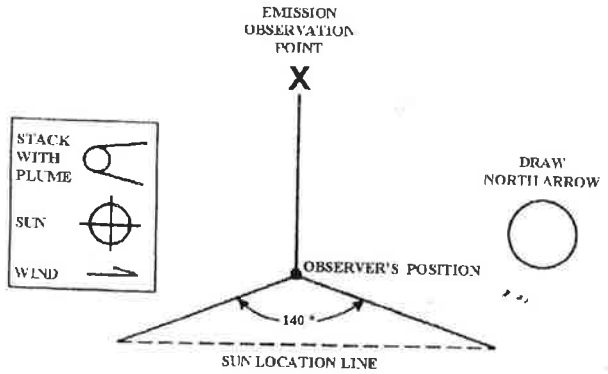
MIN \ SEC	0	15	30	45	COMMENTS
1	S	S	S	S	LOADING
2	S	S	S	S	
3	S	S	S	S	
4	S	S	S	S	
5	S	S	S	S	
6	S	S	S	S	
7	S	S	S	S	
8	S	S	S	S	
9	S	S	S	S	
10	S	S	S	S	
11	S	S	S	S	
12	S	S	S	S	
13	S	S	S	S	
14	S	S	S	S	
15	S	S	S	S	
16	S	S	S	S	
17	S	S	S	S	
18	S	S	S	S	
19	S	S	S	S	
20	S	S	S	S	
21	S	S	S	S	
22	S	S	S	S	
23	S	S	S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

OBSERVER'S NAME (PRINT)	Joe Acosta	
OBSERVER'S SIGNATURE		DATE 2/6/13
ORGANIZATION	DEP	
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
02-06-13	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	5	5	5	5	5-5-5-5
5	5	5	5	5	#1 - 5-5-5-5
6	5	5	5	5	10-10-10-10 Strong wind
7	5	5	5	5	10-15-15-15
8	5	5	5	5	15-15-15-15
9	5	5	5	5	15-15-15-15
10	5	5	5	5	#1 - 15-15-15-15
11	5	5	5	5	15-15-15-15
12	5	5	5	5	10-10-10-10
13	5	5	5	5	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	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	10-10-10-10
29	5	5	5	5	10-10-10-10
30	10	10	10	10	#1 - 10-10-10-10

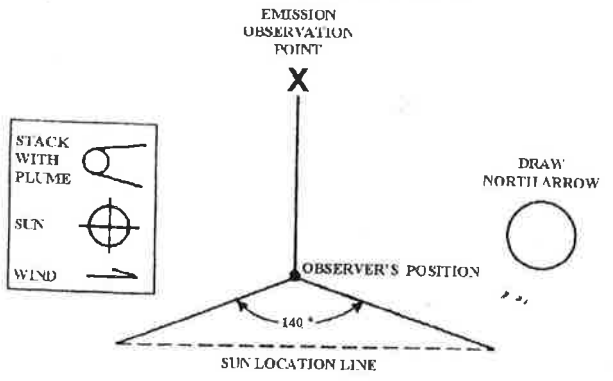
Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-06-13
Organization	
Certified by	Date
Continue on reverse side	

(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



Additional Information

Observation Date: 02-06-13 | Start Time: 0731 | End Time: 0800

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-06-13
Organization	
Certified by	Date

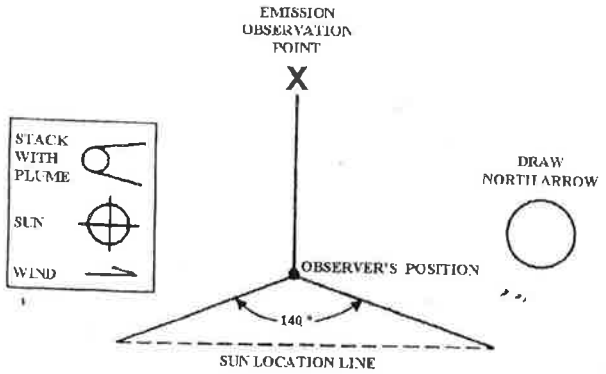
Continue on reverse side

(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



Additional Information

Observation Date: 02-06-13 | Start Time: 0801 | End Time: 0830

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

Observer's Name (Print): Eric Gregorius

Observer's Signature: Eric Gregorius | Date: 02-06-13

Organization

Certified by | Date

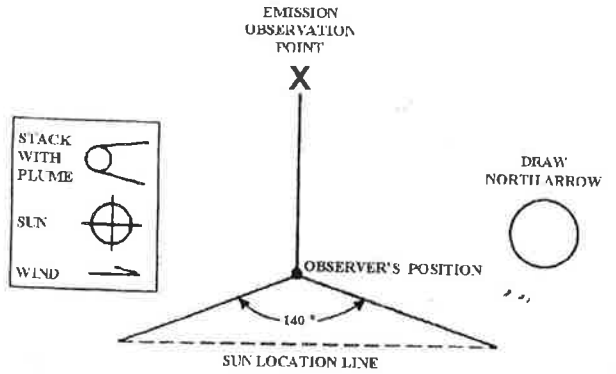
Continue on reverse side

(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
02-06-13	0831	0900

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

Observer's Name (Print)	
Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-06-13
Organization	
Certified by	Date

Continue on reverse side

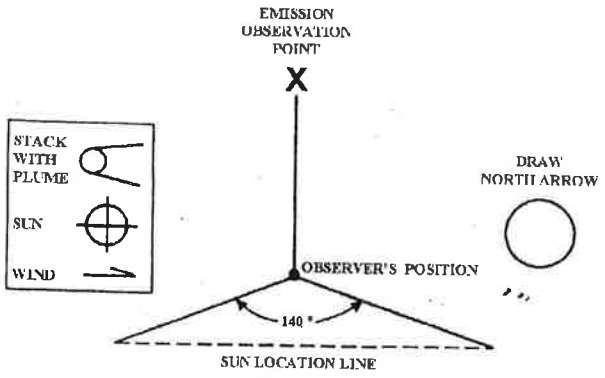
(4)

(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
02-06-13	0901	0930

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-06-13
Organization	
Certified by	Date

Continue on reverse side

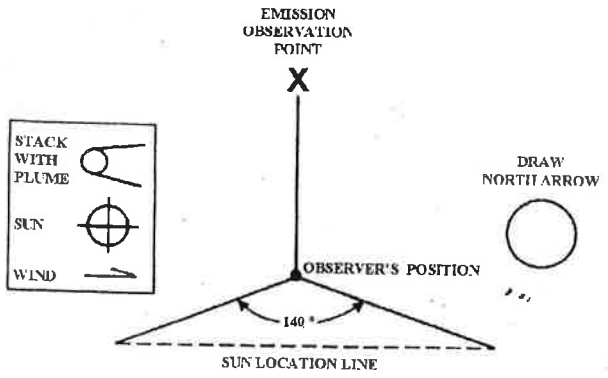
(5)

(6)

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 02-06-13	**Start Time** 0931	**End Time** 1000

Min \ Sec	0	15	30	45		Comments
1	5	5	5	5		#1-20-20-20-20
2	5	5	5	5		20-20-20-20
3	5	5	5	5		20-20-20-20
4	5	5	5	5		20-20-20-20
5	5	5	10	10	Fw	#1-20-20-20-20
6	10	10	10	10	W	15-15-15-15
7	10	10	10	10		15-15-15-15
8	10	10	10	10		15-15-15-15
9	10	10	10	10		15-15-15-15
10	10	10	10	10		#1-15-15-15-10
11	10	10	10	10		10-10-10-10
12	10	10	10	10		10-10-10-15
13	10	10	10	10		15-15-15-15
14	10	10	10	10		15-15-15-15
15	10	10	10	10		#1-15-15-15-20
16	10	10	10	10		20-20-20-20
17	10	10	10	5		20-20-20-20
18	5	5	5	5		20-15-15-15
19	5	5	5	5		15-15-15-15
20	5	5	5	10		#1-15-15-15-15
21	10	10	10	10		15-15-15-15
22	10	5	5	5		15-10-10-10
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		10-10-10-5
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** 02-06-13
Organization	
Certified by	**Date**

Continue on reverse side

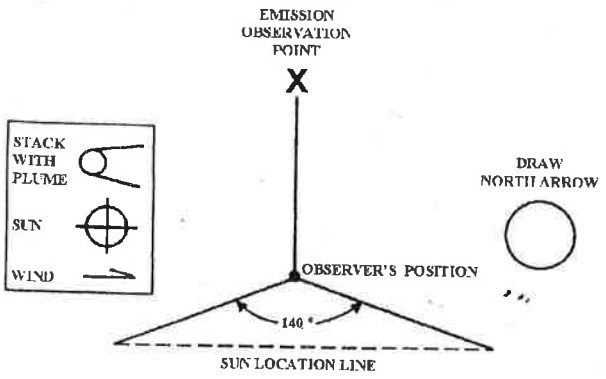
(6)

(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
02-06-13	1001	10.30

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	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	5-5-5-10
12	10	10	10	10	Stm 10-10-10-10
13	10	10	10	10	10-10-10-10
14	10	10	10	5	10-10-10-5
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: 02-06-13
Organization	
Certified by	Date

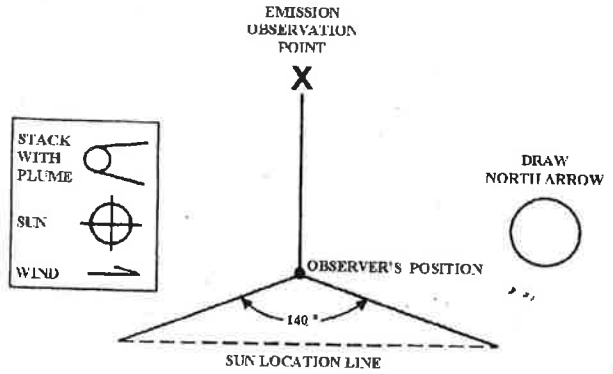
Continue on reverse side

(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
02-06-13	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	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	5	5	5	5	5-5-5-5
19	5	5	5	5	5-5-5-5
20	5	5	5	5	#1-10-10-10-5
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 02-06-13
Organization	
Certified by	Date

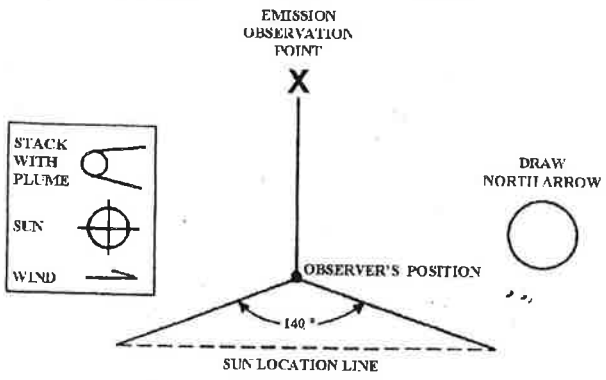
Continue on reverse side

(9)

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
02-06-13	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	#1-5-5-5-5
6	→	→	→	→	Brake
7					
8					
9					
10					#1-
11					
12					
13					
14					
15					#1-
16					
17					
18					
19					
20					#1-
21					
22					
23					
24	→	→	→	→	Brake
25	5	5	5	5	#1-5-5-5-5
26	5	5	5	5	5-5-5-5
27	5	5	5	5	5-5-5-10
28	5	5	5	5	10-10-10-5
29	5	5	5	5	5-5-5-5
30	5	5	5	5	#1-5-5-5-5

stir

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-06-13
Organization	
Certified by	Date

Continue on reverse side

(9)

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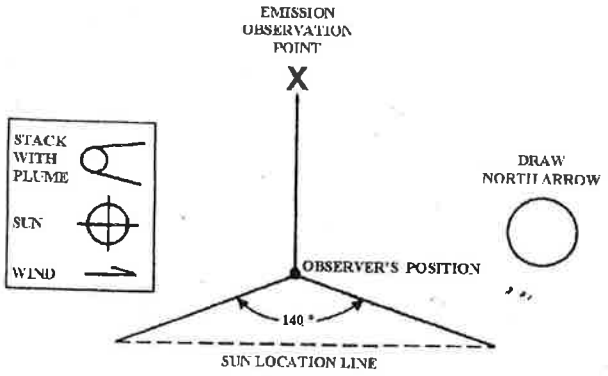
VISIBLE EMISSION OBSERVATION FORM

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
02-06-13	1131	1200

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	10	5-5-5-5
5	10	10	10	10	#1 - 10-10-10-10
6	10	10	10	5	10-10-10-10
7	5	5	5	5	10-10-5-5
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	10	5-5-5-5
22	10	10	10	10	[redacted]5-5-5-10
23	10	10	10	10	10-10-10-10
24	10	10	10	10	10-10-10-10
25	10	10	10	10	#1 - 10-10-10-10
26	10	10	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: 02-06-13
Organization	
Certified by	Date

Continue on reverse side

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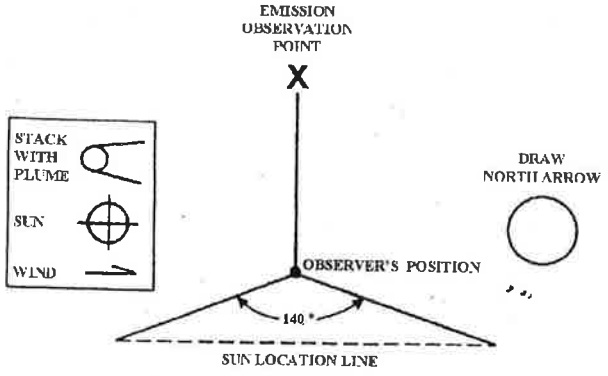
11

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
02-06-13	1201	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	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 - 5 - 5 - 5 Stir wood
10	5	5	5	5	#1 - 10 - 10 - 10 - 10
11	5	5	5	5	10 - 10 - 10 - 10
12	5	5	5	10	Stir 10 - 10 - 10 - 10
13	10	10	10	15	W 10 - 10 - 10 - 10
14	15	15	15	15	10 - 10 - 10 - 10
15	15	15	15	15	#1 - 10 - 10 - 10 - 10
16	15	15	10	10	10 - 10 - 10 - 10
17	10	10	10	5	10 - 10 - 10 - 10
18	5	5	5	5	10 - 10 - 10 - 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 - 10
28	5	5	5	5	10 - 10 - 10 - 10
29	5	5	5	5	10 - 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: 02-06-13
Organization	
Certified by	Date

Continue on reverse side

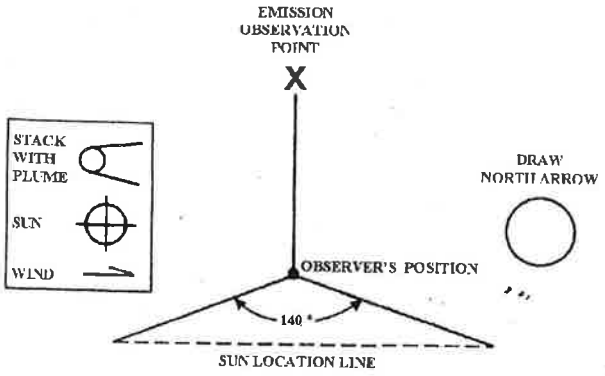
11

(12)

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
02-06-13	1231	1300

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	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	5	5	5	5	5-5-5-10
19	5	5	5	5	10-10-10-10
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	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 02-06-13
Organization	
Certified by	Date

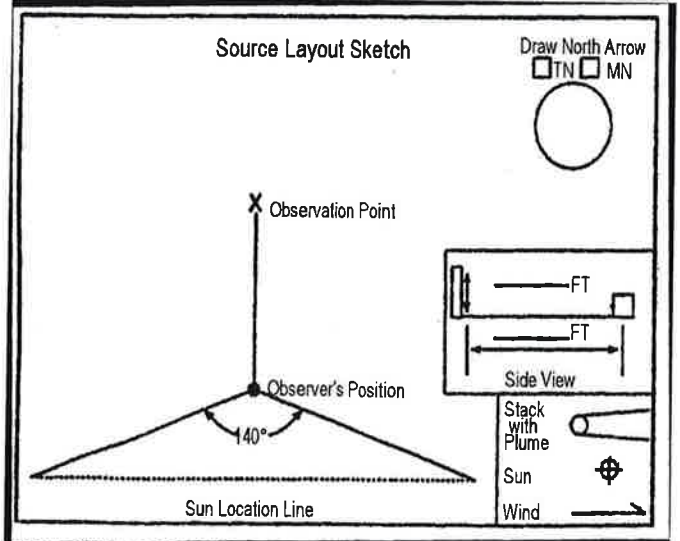
Continue on reverse side

(12)

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

COMPANY NAME: E.C.E		
LOCATION: Floyd Bennet Field		
LOCATION: Brooklyn		
CITY: Bklc	STATE: NY	ZIP:
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



ADDITIONAL INFORMATION:

OBSERVATION DATE	START TIME	END TIME
2/6/13	1800	1830

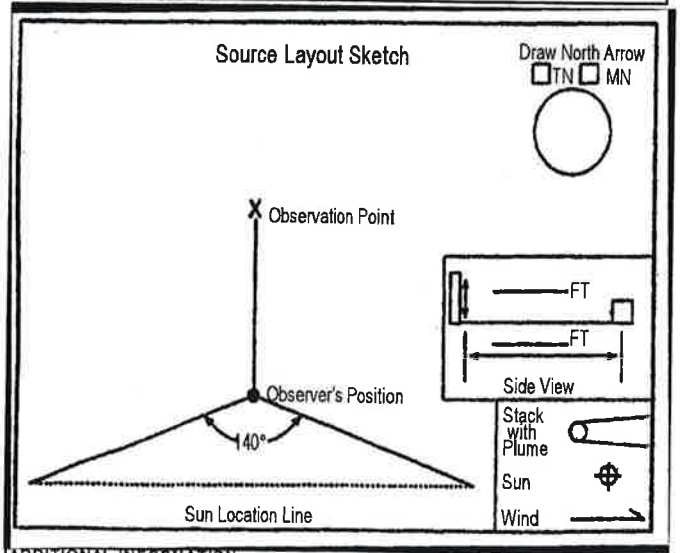
SEC / MIN	0	15	30	45	COMMENTS
1	10	10	5	5	not loading
2	5	5	5	10	
3	5	10	5	5	
4	10	5	5	10	
5	10	10	5	5	
6	5	5	5	5	
7	5	5	5	5	
8	5	5	5	5	
9	15	20	20	15	loading
10	15	20	15	20	
11	20	25	20	15	
12	15	15	15	15	
13	10	10	15	10	
14	10	10	10	10	
15	10	5	5	5	not loading
16	5	5	5	5	
17	5	5	5	5	
18	5	5	5	5	
19	5	5	5	5	
20	5	5	10	10	
21	5	5	5	5	
22	5	5	5	5	
23	5	5	5	5	
24	5	5	5	5	
25	5	10	5	5	
26	5	5	5	5	
27	5	5	5	5	
28	10	15	20	20	loading
29	20	20	25	20	
30	25	25	20	20	

OBSERVER'S NAME (PRINT): H. Hyari	
OBSERVER'S SIGNATURE:	DATE: 2/6/13
ORGANIZATION: NYC DEP	
CERTIFIED BY:	DATE:

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

3

COMPANY NAME: E-C-C		
LOCATION: Floyd Bennett Field		
LOCATION: Brooklyn		
CITY: Bklc	STATE: NY	ZIP:
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
2/6/13	1830	1900

SEC / MIN	0	15	30	45	COMMENTS
1	10	20	20	20	loading
2	20	20	25	20	
3	20	20	25	25	
4	20	15	15	20	
5	20	20	20	20	
6	15	15	20	20	not loading
7	15	20	15	15	
8	15	15	15	15	
9	15	15	15	15	
10	15	10	15	15	
11	10	10	10	10	
12	10	10	15	10	
13	10	5	5	5	
14	5	10	10	5	
15	10	5	5	5	
16	5	5	5	5	
17	5	5	5	5	
18	5	10	10	10	loading
19	10	15	15	15	
20	15	15	20	15	
21	15	10	10	15	
22	15	10	20	20	
23	20	20	25	25	
24	30	30	25	20	
25	25	20	20	15	
26	15	15	10	15	not loading
27	15	15	10	10	
28	10	10	10	10	
29	10	10	10	5	
30	5	10	5	5	

OBSERVER'S NAME (PRINT): H. Hyatt	
OBSERVER'S SIGNATURE	DATE: 2/6/13
ORGANIZATION: N.Y.C DEP	
CERTIFIED BY	DATE

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

BB

COMPANY NAME: ECC		
LOCATION: Floyd Bennett Field		
LOCATION: Brooklyn		
CITY: Bk	STATE: NY	ZIP:
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

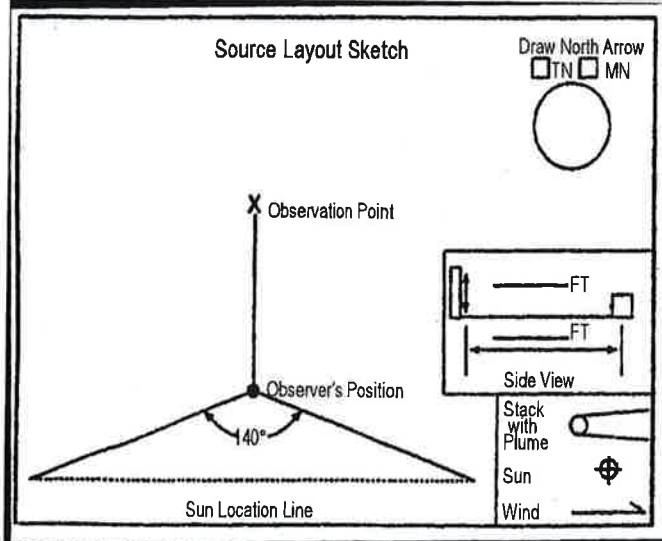
EMISSION COLOR: START / END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐

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
2/6/13	1900	1930

SEC / MIN	0	15	30	45	COMMENTS
1	10	5	5	10	
2	5	5	5	5	
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	
6	5	10	20	20	loading
7	20	15	20	20	
8	20	20	20	20	
9	25	20	25	15	
10	20	15	15	15	
11	10	15	20	20	
12	15	15	15	15	not loading
13	15	10	10	10	
14	10	5	5	5	
15	5	5	10	10	
16	10	5	5	5	
17	5	5	5	5	
18	20	20	15	20	loading
19	20	20	15	15	
20	20	20	15	25	
21	20	15	15	15	
22	15	15	15	15	
23	15	20	15	15	
24	15	10	15	15	not loading
25	15	10	10	10	
26	10	10	10	10	
27	10	10	10	10	
28	10	5	5	5	
29	5	5	5	5	
30	5	5	5	5	

OBSERVER'S NAME (PRINT): H. Hayati	
OBSERVER'S SIGNATURE	DATE: 2/6/13
ORGANIZATION: NYC DEP	
CERTIFIED BY	DATE

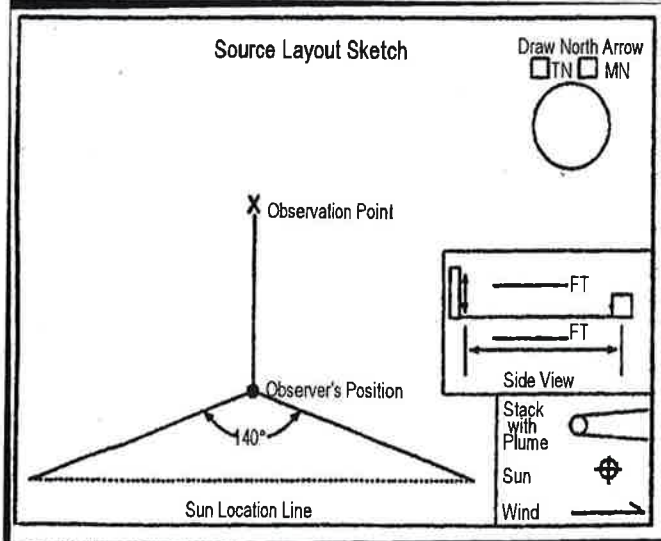
EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

4

COMPANY NAME: E.C.C		
LOCATION: Floyd Bennett field		
LOCATION: Brooklyn		
CITY: Bklc	STATE: NY	ZIP:
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
2/6/13	1930	2000

SEC / MIN	0	15	30	45	COMMENTS
1	10	5	5	5	
2	5	10	10	5	
3	5	5	5	5	
4	5	5	1	5	
5	20	25	25	25	loading
6	25	20	20	20	
7	20	15	15	20	
8	20	25	20	20	
9	15	20	20	20	
10	20	20	20	20	
11	20	25	25	20	
12	20	20	15	15	
13	15	15	20	20	
14	20	20	20	20	
15	20	20	20	20	
16	15	15	15	15	not loading
17	15	10	10	15	
18	10	10	10	10	
19	10	10	15	15	
20	15	20	15	15	
21	15	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	5	5	5	
27	5	10	10	10	
28	5	5	5	10	
29	5	5	5	5	
30	5	5	5	5	

OBSERVER'S NAME (PRINT): H. Hayari	
OBSERVER'S SIGNATURE	DATE: 2/6/13
ORGANIZATION: NYC DEP	
CERTIFIED BY	DATE

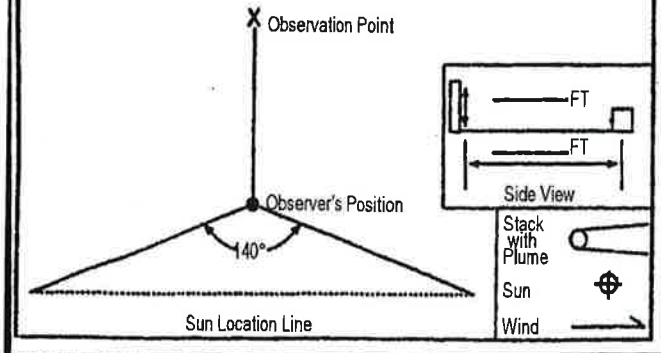
EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

5

COMPANY NAME	E.C.C
LOCATION	Floyd Bennett Field
LOCATION	Brooklyn
CITY	Bk
STATE	NY
ZIP	
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
2/6/13	2000	2030

SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	
2	5	5	5	5	
3	5	10	10	5	
4	10	5	5	5	
5	10	15	15	10	
6	10	15	15	15	
7	15	10	10	10	
8	10	10	15	15	
9	15	15	10	10	
10	10	15	10	10	
11	10	10	10	10	
12	10	10	10	10	
13	10	5	5	5	
14	5	10	10	5	
15	5	5	5	5	
16	5	10	5	5	
17	15	10	5	5	
18	5	5	5	5	
19	5	5	5	5	
20	5	5	5	5	
21	5	5	5	5	
22	20	20	20	25	loading
23	25	25	20	20	
24	20	20	20	25	
25	30	30	25	25	
26	20	20	20	20	
27	20	20	20	20	
28	20	20	20	20	
29	20	15	15	15	no T loading
30	15	15	15	10	

OBSERVER'S NAME (PRINT)	H. Hajari
OBSERVER'S SIGNATURE	DATE 2/6/13
ORGANIZATION	N.Y.C DEP
CERTIFIED BY	DATE

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

6

COMPANY NAME: E. C. L		
LOCATION: Floyd bennett field		
LOCATION: Brooklyn		
CITY: B. K	STATE: NY	ZIP:
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

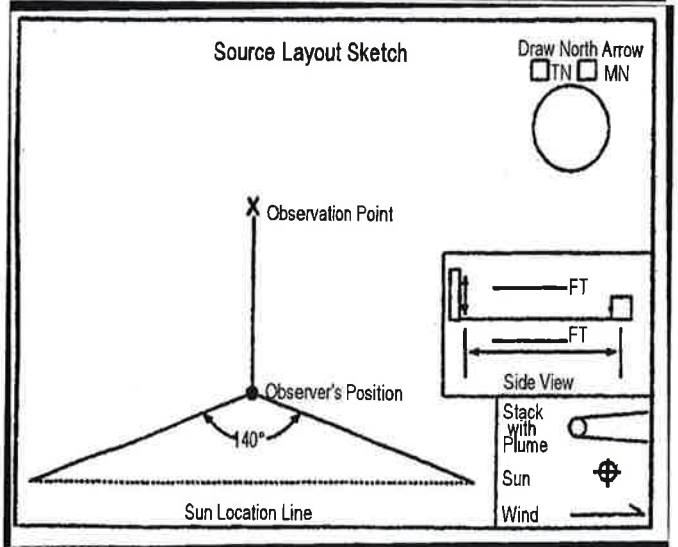
DESCRIBE EMISSIONS: START / END

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



ADDITIONAL INFORMATION

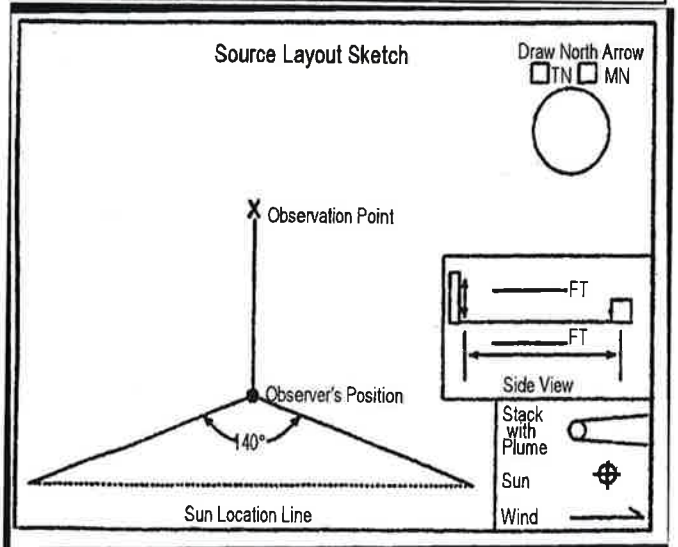
OBSERVATION DATE	START TIME	END TIME
2/6/13	1030	2100

SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	
2	5	10	10	5	
3	5	5	5	5	
4	5	5	5	5	
5	5	10	5	10	
6	10	5	5	5	
7	5	5	5	5	
8	5	5	5	5	
9	10	10	10	10	
10	10	15	15	10	
11	10	5	5	5	
12	5	10	10	10	
13	5	5	5	5	
14	5	5	5	5	
15	5	5	5	5	
16	10	10	5	5	
17	15	5	5	5	
18	5	10	15	15	
19	10	10	5	5	
20	10	10	10	5	
21	5	5	5	5	
22	20	20	20	20	loading
23	20	25	20	25	
24	25	30	30	25	
25	20	25	20	20	
26	20	15	15	20	
27	15	15	15	10	
28	10	10	10	10	
29	10	15	10	10	NOT loading
30	10	5	5	5	

OBSERVER'S NAME (PRINT): H. Hayari	
OBSERVER'S SIGNATURE	DATE: 2/6/13
ORGANIZATION: NYC DEP	
CERTIFIED BY	DATE

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

COMPANY NAME	E.C.C
LOCATION	Floyd bennett field
LOCATION	Brooklyn
CITY Bklyn / STATE NY / ZIP	
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
2/6/13	2 pm	2:30

SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	
2	5	10	10	5	
3	10	10	15	5	
4	5	5	5	15	
5	10	10	10	5	
6	5	5	10	10	
7	5	10	15	15	
8	15	15	20	20	loading
9	20	25	25	20	
10	20	15	20	20	
11	20	20	20	25	
12	25	25	30	25	
13	20	20	20	20	
14	15	15	20	20	
15	20	15	15	15	
16	20	25	25	20	
17	20	20	20	20	
18	20	20	15	15	
19	15	15	15	20	
20	15	10	10	10	not loading
21	15	15	15	10	
22	10	15	10	10	
23	10	10	10	10	
24	10	5	5	5	
25	5	10	5	5	
26	10	5	5	5	
27	10	10	10	10	
28	10	15	15	10	
29	10	15	15	10	
30	15	10	10	10	

OBSERVER'S NAME (PRINT)	H. Hajari
OBSERVER'S SIGNATURE	DATE 2/6/13
ORGANIZATION	N.Y.C DEP
CERTIFIED BY	DATE

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

(8)

COMPANY NAME: E.C.C		
LOCATION: Floyd Bennett Field		
LOCATION: Brooklyn		
CITY: B.K	STATE: N.Y	ZIP:
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

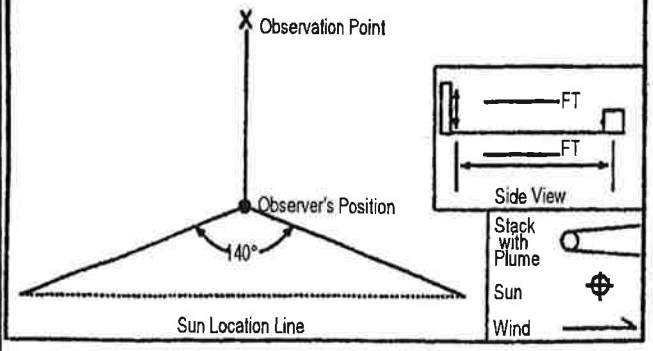
EMISSION COLOR: START / END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐

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
2/6/13	2130	2200

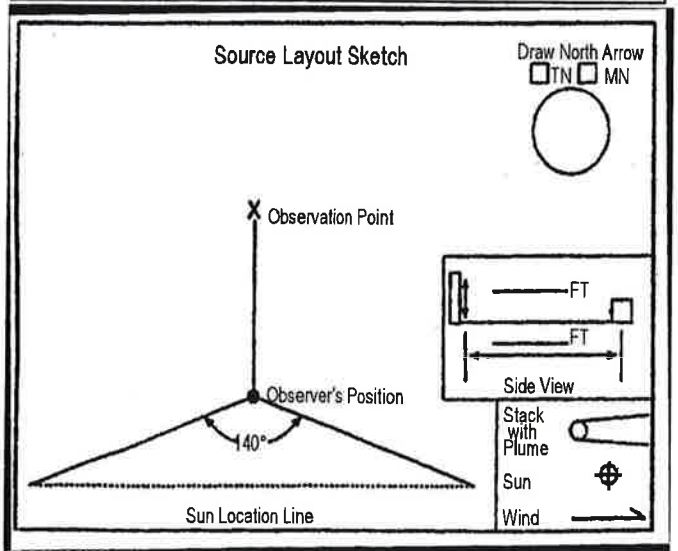
SEC / MIN	0	15	30	45	COMMENTS
1	10	10	15	10	
2	10	10	15	10	
3	10	10	5	10	
4	5	5	5	10	
5	10	5	5	5	
6	5	5	5	5	
7	5	5	5	5	
8	5	10	10	5	
9	10	5	10	15	
10	15	15	10	10	
11	10	10	15	10	
12	15	15	20	20	loading
13	20	20	20	25	
14	25	25	25	25	
15	25	30	30	25	
16	25	20	20	20	
17	20	15	15	20	
18	20	15	15	15	
19	20	20	20	20	
20	15	15	15	10	
21	15	10	10	10	not loading
22	10	15	15	10	
23	10	10	10	10	
24	10	10	5	10	
25	10	10	5	5	
26	5	10	10	10	
27	5	5	5	5	
28	5	10	10	10	
29	10	15	10	5	
30	5	5	5	5	

OBSERVER'S NAME (PRINT): H. Hayat	
OBSERVER'S SIGNATURE	DATE: 2/6/13
ORGANIZATION: NYC DEP	
CERTIFIED BY	DATE

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

(9)

COMPANY NAME: E. C. C		
LOCATION: Floyd bennett Field		
LOCATION: Brooklyn N		
CITY: B.K	STATE: NY	ZIP:
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
2/6/13	2200	2230

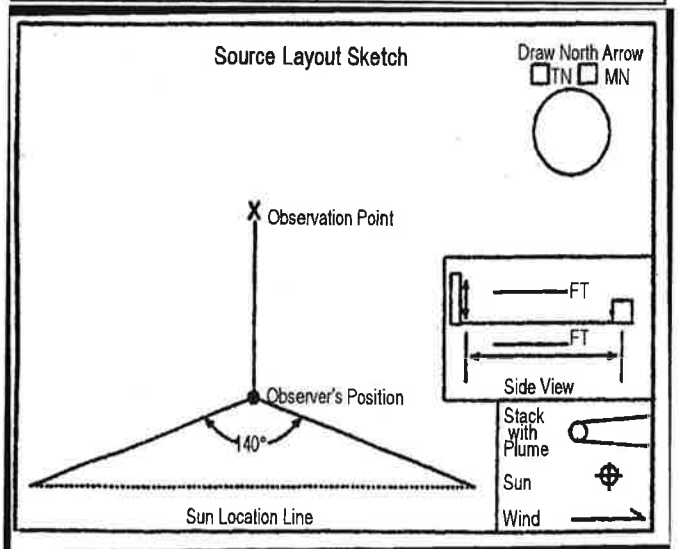
SEC / MIN	0	15	30	45	COMMENTS
1	5	5	10	10	
2	45	45	50	50	cleaning ashes
3	50	60	55	50	
4	50	55	45	45	
5	40	40	30	30	
6	25	30	25	40	
7	30	35	20	20	
8	20	25	20	20	
9	30	20	20	20	
10	20	15	15	15	
11	15	15	15	15	
12	15	15	15	15	
13	15	15	15	15	
14	15	10	15	10	
15	10	15	15	15	
16	15	10	15	20	
17	20	15	15	15	
18	15	10	10	10	
19	10	10	10	10	
20	10	10	10	10	
21	10	15	15	15	
22	15	10	15	10	
23	10	15	10	10	
24	10	10	10	10	
25	15	15	15	20	loading
26	20	15	15	20	
27	20	20	15	15	
28	20	20	15	15	
29	15	15	15	15	
30	15	25	25	20	

OBSERVER'S NAME (PRINT): H. Hagar	
OBSERVER'S SIGNATURE	DATE: 2/6/13
ORGANIZATION: NYC DEP	
CERTIFIED BY	DATE

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

1D

COMPANY NAME: ECC		
LOCATION: Lloyd bennett island		
LOCATION: Brooklyn		
CITY: Bklc	STATE: ny	ZIP:
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
2/6/13	2230	2330

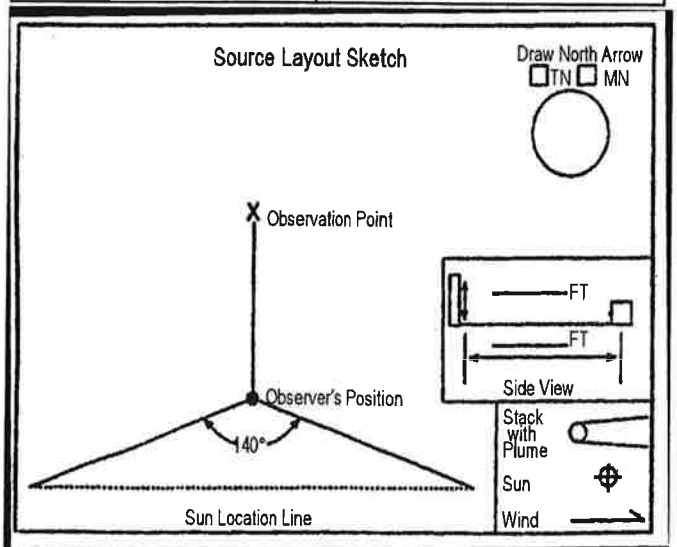
SEC / MIN	0	15	30	45	COMMENTS
1	10	10	10	10	
2	10	10	15	15	
3	10	15	15	10	
4	15	10	15	15	
5	10	10	15	10	
6	10	5	10	5	
7	10	10	15	15	
8	15	15	15	15	
9	15	10	10	10	
10	15	15	15	15	Loading
11	15	15	20	20	
12	20	15	15	15	
13	20	15	15	15	
14	15	15	20	20	
15	20	15	20	20	
16	15	15	15	15	
17	20	15	10	25	
18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

OBSERVER'S NAME (PRINT)	Hossein Haghighi
OBSERVER'S SIGNATURE	DATE 2/6/13
ORGANIZATION	N.Y.C DEP
CERTIFIED BY	DATE

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

17

COMPANY NAME: E.C.C		
LOCATION: Lloyd Bennett Field		
LOCATION: Brooklyn		
CITY: Bk	STATE: NY	ZIP:
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
2/6/13	2300	2330

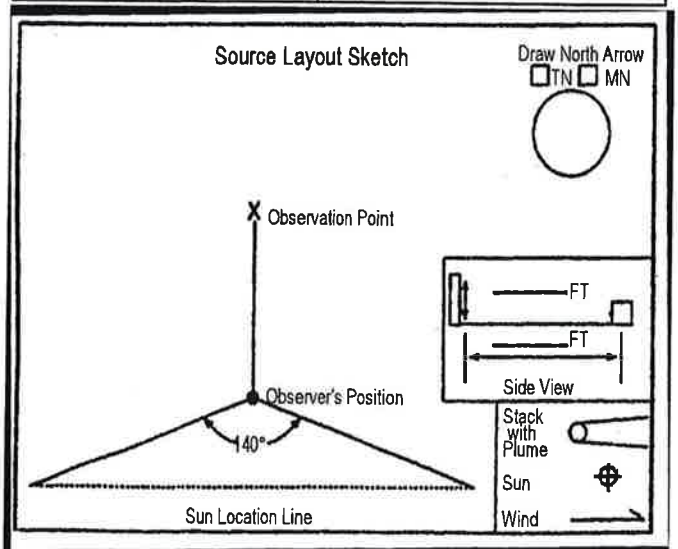
SEC / MIN	0	15	30	45	COMMENTS
1	15	15	10	10	
2	10	10	10	10	
3	10	15	15	15	
4	15	20	20	20	
5	15	15	15	15	
6	15	20	15	15	
7	15	10	10	10	
8	10	15	15	15	
9	15	15	15	10	
10	10	10	10	10	
11	10	15	15	10	
12	15	15	10	10	
13	20	25	15	25	loading
14	25	30	30	30	
15	25	25	20	20	
16	15	20	20	25	
17	25	25	25	15	
18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

OBSERVER'S NAME (PRINT): H. Hajari	
OBSERVER'S SIGNATURE	DATE: 2/6/13
ORGANIZATION: D.Y.C DSB	
CERTIFIED BY	DATE

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

13

COMPANY NAME: E.C.C		
LOCATION: Lloyd Harbor Road		
LOCATION: Brooklyn		
CITY: Bklk	STATE: ny	ZIP:
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
2/6/18	2330	0005

SEC / MIN	0	15	30	45	COMMENTS
1	15	15	20	15	loading
2	15	10	10	10	
3	10	15	15	15	
4	15	15	20	20	
5	15	15	10	10	
6	15	10	15	10	
7	10	10	15	10	
8	15	20	20	10	
9	10	10	10	15	not loading
10	10	10	10	10	
11	10	10	10	15	
12	15	10	10	10	
13	10	5	5	10	
14	10	5	5	5	
15	5	5	5	5	
16	5	5	5	5	
17	5	5	5	5	
18	5	5	5	5	
19	5	10	10	5	
20	10	10	10	10	
21	10	5	10	5	
22	5	5	5	10	
23	10	5	5	5	
24	5	5	5	5	
25	10	10	5	10	
26	5	5	5	5	
27	5	10	10	10	
28	10	5	5	5	
29	5	5	5	5	
30	5	5	5	5	

OBSERVER'S NAME (PRINT): D. Bryant	
OBSERVER'S SIGNATURE:	DATE: 2/6/18
ORGANIZATION: NYC DEP	
CERTIFIED BY:	DATE:

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

13

COMPANY NAME: E.C.C		
LOCATION: Floyd Bennett Field		
LOCATION: Brooklyn		
CITY: Bklc	STATE: NY	ZIP:
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

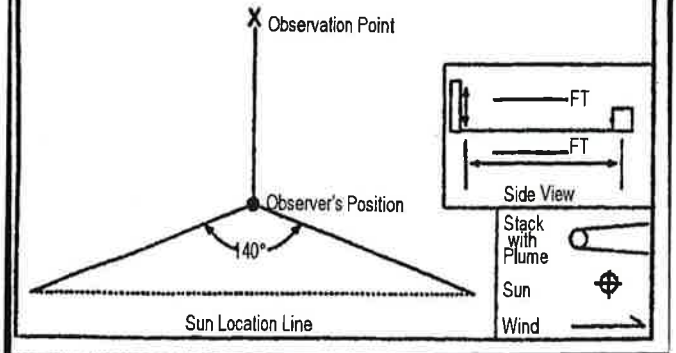
EMISSION COLOR START END	WATER DROPLET PLUME ATTACHED ☐ DETACHED ☐ NONE ☐

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
2/7/13	0000	0030

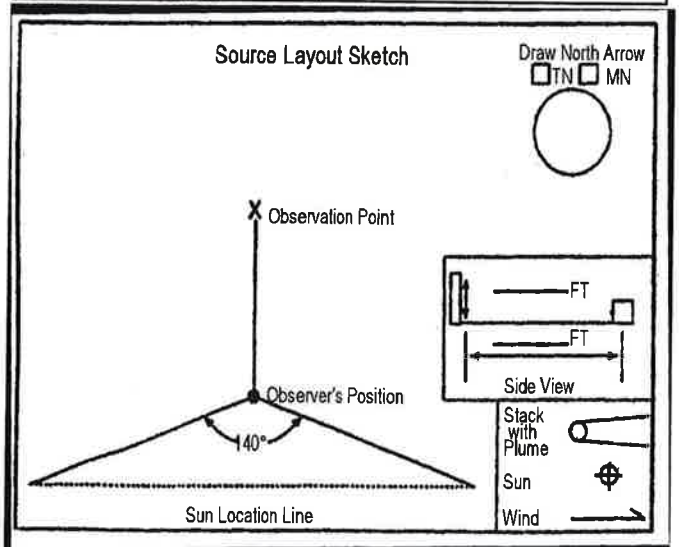
SEC / MIN	0	15	30	45	COMMENTS
1	10	5	5	5	
2	5	5	5	5	
3	5	10	10	5	
4	5	10	10	10	
5	10	15	5	5	
6	10	10	5	5	
7	5	10	15	15	loading
8	15	15	10	15	
9	10	10	5	10	
10	15	15	20	20	
11	20	20	25	15	
12	15	20	15	15	
13	15	10	10	10	
14	10	5	5	5	not loading
15	5	5	5	5	
16	5	5	5	5	
17	5	5	5	5	
18	5	5	5	5	
19	5	5	5	5	
20	5	5	5	5	
21	5	5	0	0	
22	5	10	10	5	
23	5	10	10	10	
24	10	5	5	0	
25	5	5	10	5	
26	10	10	15	10	
27	10	5	10	5	
28	10	10	10	10	
29	10	5	5	5	
30	5	5	5	5	

OBSERVER'S NAME (PRINT): H. Hyard	
OBSERVER'S SIGNATURE	DATE: 2/7/13
ORGANIZATION: NYC DEP	
CERTIFIED BY	DATE

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

~~15~~ 14

COMPANY NAME: E.C.C		
LOCATION: Floyd Bennett Field		
LOCATION: Brooklyn		
CITY: Bklk	STATE: NY	ZIP:
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
2/7/13	0030	0130

SEC / MIN	0	15	30	45	COMMENTS
1	10	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	10	10	0	
11	10	0	0	0	
12	0	0	0	10	
13	0	0	10	10	
14	10	10	10	10	
15	0	0	10	10	
16	10	10	0	0	
17	0	10	10	10	
18	10	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	20	20	20	20	Loading
22	25	25	20	20	
23	25	25	25	30	
24	25	30	30	25	
25	20	20	20	20	
26	20	15	15	20	
27	25	20	[illegible]	20	
28	15	15	10	10	
29	10	10	0	0	not loading
30	0	0	0	0	

OBSERVER'S NAME (PRINT): H. Hayes	
OBSERVER'S SIGNATURE:	DATE: 2/7/13
ORGANIZATION: NYCA OSP	
CERTIFIED BY:	DATE:

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

COMPANY NAME: E.C.C		
LOCATION: Floyd Bennett Field		
LOCATION: Brooklyn		
CITY: Bk	STATE: NY	ZIP:
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

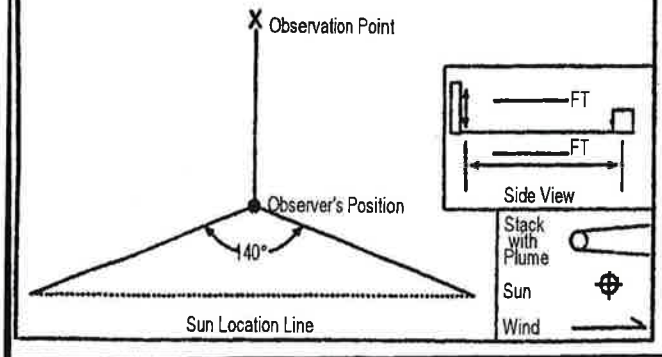
EMISSION COLOR: START / END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐

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: 2/7/13 | START TIME: 0100 | END TIME: 0130

SEC / MIN	0	15	30	45	COMMENTS
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	5	
5	5	0	0	0	
6	0	0	0	0	
7	0	0	0	5	
8	0	5	5	5	
9	0	0	0	5	
10	5	5	0	5	
11	0	0	5	5	loading
12	5	10	10	5	
13	5	10	0	0	
14	0	0	5	0	
15	10	10	10	10	
16	10	15	10	10	
17	10	5	5	5	
18	5	5	5	5	
19	5	10	10	10	
20	10	10	10	10	
21	10	10	15	5	
22	5	5	0	0	
23	0	0	0	0	not loading
24	0	5	5	5	
25	5	0	0	5	
26	5	0	0	5	
27	0	5	5	5	
28	5	5	5	5	
29	5	5	5	5	
30	5	5	5	5	

OBSERVER'S NAME (PRINT): R Bryant	
OBSERVER'S SIGNATURE	DATE: 2/7/13
ORGANIZATION: NYC DEP	
CERTIFIED BY	DATE

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

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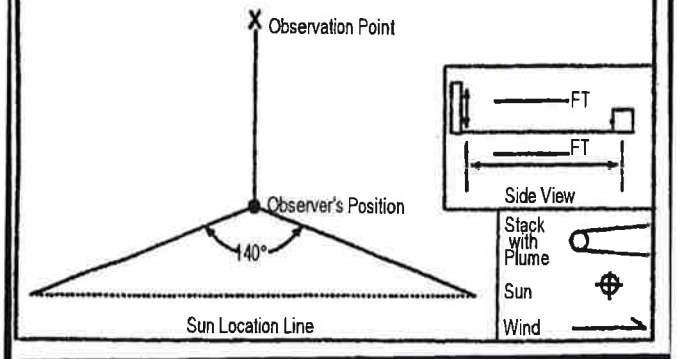
COMPANY NAME: E.C.C		
LOCATION: Floyd Bennett Field		
LOCATION: Brooklyn		
CITY: B.K	STATE: NY	ZIP:
PROCESS EQUIPMENT	OPERATING MODE	
CONTROL EQUIPMENT	OPERATING MODE	
DESCRIBE EMISSION POINT		
HEIGHT OF EMISSION POINT	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START / END	
DISTANCE TO EMISSION POINT: 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
2/7/13	0130	0230

SEC / MIN	0	15	30	45	COMMENTS
1	10	10	5	5	
2	5	5	5	5	
3	5	10	10	5	
4	5	5	5	5	
5	5	10	10	10	
6	10	15	15	15	
7	10	15	20	15	
8	15	10	10	10	
9	15	15	20	20	
10	25	20	20	15	
11	15	15	15	15	
12	15	10	10	10	
13	10	10	10	10	
14	10	5	0	5	
15	5	5	5	5	
16	5	5	5	5	
17	5	5	5	5	
18	5	10	10	15	
19	15	15	15	15	
20	15	10	10	10	
21	10	10	10	10	
22	10	15	15	10	
23	10	10	5	5	
24	5	5	5	5	
25	5	5	5	5	
26	5	5	10	10	
27	10	5	5	5	
28	5	40	10	5	
29	5	5	5	5	
30	5	5	5	5	

OBSERVER'S NAME (PRINT): Hollyan	
OBSERVER'S SIGNATURE	DATE: 2/7/13
ORGANIZATION	
CERTIFIED BY	DATE