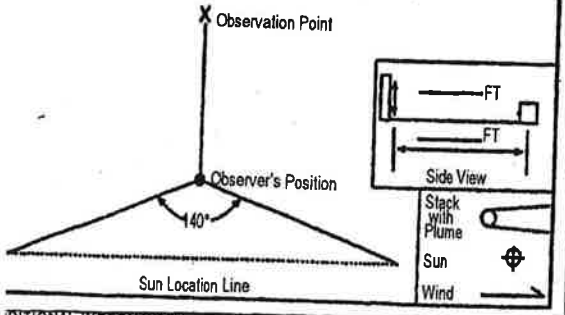
EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

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: 2/1/13 | START TIME: 0200 | END TIME: 0230

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	
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	

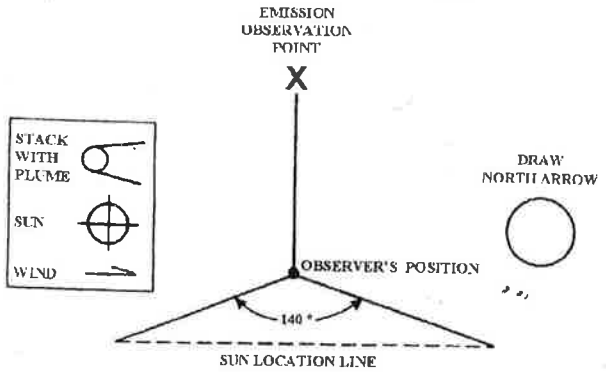
OBSERVER'S NAME (PRINT)	JOE Armstrong
OBSERVER'S SIGNATURE	DATE 2/1/13
ORGANIZATION	Dep
CERTIFIED BY	DATE

(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
02-01-13	1400	1430

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 - 10-10-10-10
6	5	5	5	5	10-10-10-10
7	5	5	5	5	10-15-15-15 str
8	5	5	5	5	15-10-10-10
9	5	5	5	5	10-10-10-5
10	5	5	5	5	#1 - 5-5-5-5
11	5	5	5	5	5-10-10-10
12	5	5	5	5	10-10-10-10
13	5	5	10	10	10-10-10-10
14	10	10	10	10	10-10-10-10
15	10	10	10	10	#1 - 10-10-10-10
16	10	10	10	10	10-10-10-10
17	10	10	10	10	10-10-10-10
18	10	10	10	10	10-10-10-10
19	10	10	10	10	10-10-10-10
20	10	10	10	10	#1 - 10-10-10-10
21	10	10	10	10	10-10-10-10
22	10	10	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	10-10-10-10
30	5	5	5	5	#1 - 10-10-10-10

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-01-13
Organization	
Certified by	Date

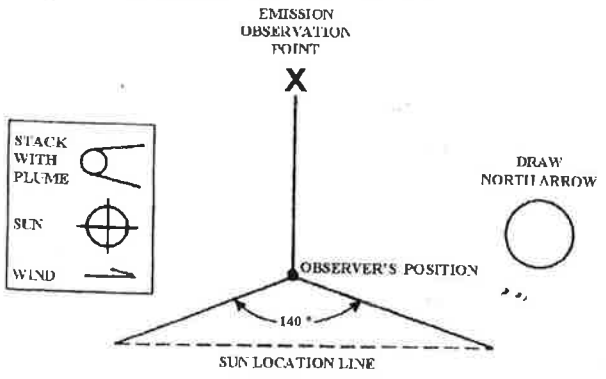
Continue on reverse side

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



Additional Information

Observation Date	Start Time	End Time
02-01-13	1431	1500

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	10	10	10	#1-10-10-10-10
6	10	10	10	10	10-10-10-10
7	10	10	10	10	10-10-10-10
8	10	10	10	10	10-10-10-15
9	10	10	10	10	15-15-15-15
10	10	10	10	5	#1-15-15-15-10
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	5-5-5-5
15	5	5	5	5	#1-5-10-10-10
16	5	5	5	5	10-10-10-10
17	5	5	5	5	10-10-10-10
18	5	5	5	5	15-15-15-15
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	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	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	5-5-5-5

Observer's Name (Print)	
Eric Gregorius	
Observer's Signature	Date
Eric Gregorius	02-01-13
Organization	
Certified by	Date

Continue on reverse side

13

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

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD		
LOCATION:		
CITY: BKLN	STATE: NY	ZIP:
PROCESS EQUIPMENT: AIR CONTAINMENT	OPERATING MODE: #2	
CONTROL EQUIPMENT:	OPERATING MODE:	

DESCRIBE EMISSION POINT: RECTANGULAR CONTAINMENT 6' TO 7' TALL

HEIGHT OF EMISSION POINT: 7' TALL	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START END
DISTANCE TO EMISSION POINT: START 100' END	DIRECTION TO EMISSION PT. (DEGREES (0-360)): START WEST END
VERTICAL ANGLE TO OBSERVATION POINT: START END	DIRECTION TO OBSERVATION POINT (DEGREES (0-360)): START END

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

DESCRIBE EMISSIONS: START FANNING END PLUME

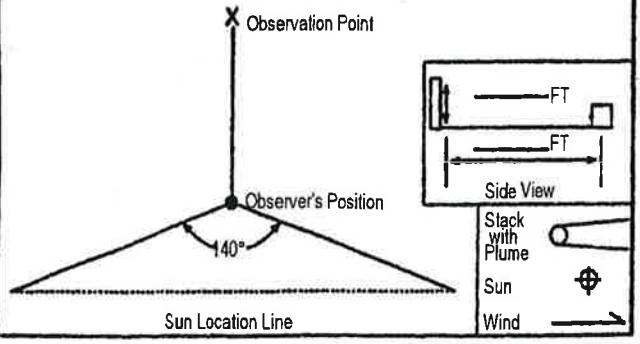
EMISSION COLOR: START WHITE END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐

DESCRIBE PLUME BACKGROUND: START CONSTRUCTION NIGHT LIGHTS END

BACKGROUND COLOR: START END	SKY CONDITIONS: START NIGHT END
WIND SPEED: START 10 TO 15 MPH END	WIND DIRECTION: START NW END
AMBIENT TEMP: START 20 F. END	WET BULB TEMP / RH percent

Source Layout Sketch

Draw North Arrow ☐TN ☐MN



ADDITIONAL INFORMATION:

OBSERVATION DATE	START TIME	END TIME
2/1/13	1815	1845

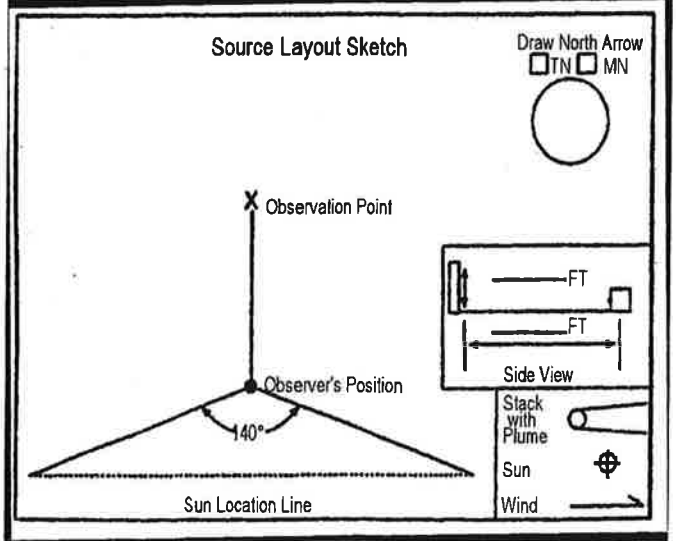
SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	LOADING
2	5	5	5	5	
3	5	5	5	5	
4	5	5	5	5	LOADING
5	15	15	15	10	
6	10	10	10	10	
7	10	10	10	10	
8	10	10	10	10	
9	10	10	10	10	
10	10	10	10	10	NO LOADING
11	10	10	10	10	
12	10	10	10	10	
13	10	10	10	10	
14	10	10	10	10	
15	10	10	10	10	NO LOADING.
16	15	15	15	15	
17	10	10	10	10	
18	10	10	10	10	
19	15	15	15	15	
20	15	15	15	10	
21	10	10	10	10	
22	10	10	10	10	
23	10	10	10	10	
24	15	15	15	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): JOHN G BELZAK	
OBSERVER'S SIGNATURE:	DATE: 2/1/13
ORGANIZATION: NYC DOB	
CERTIFIED BY:	DATE:

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

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD		
LOCATION:		
CITY: BKLN	STATE: N.Y.	ZIP:
PROCESS EQUIPMENT: AIR CURTAIN INCINERATOR		OPERATING MODE: #1
CONTROL EQUIPMENT:		OPERATING MODE:
DESCRIBE EMISSION POINT: RECTANGULAR CONTAINER 6'TO7'TALL		
HEIGHT OF EMISSION POINT: 7'TALL	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START / END	
DISTANCE TO EMISSION POINT: START 100' END	DIRECTION TO EMISSION PT. (DEGREES (0-360)): START W 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 DARK END PLUM.		
EMISSION COLOR: START WHITE END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐	
DESCRIBE PLUME BACKGROUND: START CONSTRUCTION GOATS (NIGHT) END		
BACKGROUND COLOR: START / END	SKY CONDITIONS: START LIGHT END	
WIND SPEED: START 10 TO 15 MPH END	WIND DIRECTION: START NW END	
AMBIENT TEMP: START 27° END	WET BULB TEMP / RH percent	

Source Layout Sketch



ADDITIONAL INFORMATION:

OBSERVATION DATE	START TIME	END TIME
2/1/13	1845	1915

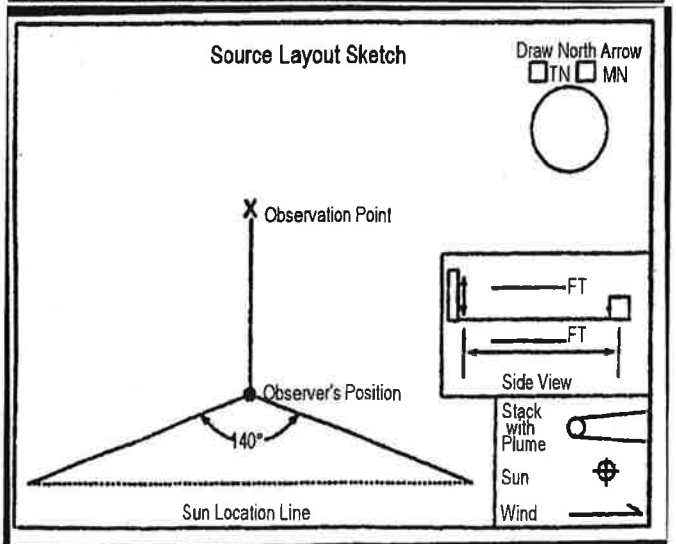
SEC / MIN	0	15	30	45	COMMENTS
1	30	30	30	30	NO LOADING
2	30	30	30	30	AIR CURTAIN
3	25	25	25	25	NOT RUNNING
4	20	20	20	20	
5	20	20	20	20	
6	15	15	15	15	AIR CURTAIN
7	10	10	10	10	RUNNING.
8	10	10	10	10	LOADING.
9	5	5	5	5	
10	5	5	5	5	
11	5	5	5	5	LOADING.
12	10	10	10	10	
13	10	5	5	5	
14	10	10	10	10	
15	5	5	5	5	NO LOADING.
16	5	5	5	5	LOADING.
17	5	5	5	5	
18	5	5	5	5	
19	5	5	5	5	
20	5	5	5	5	LOADING
21	5	10	10	10	
22	10	10	10	10	
23	5	5	5	5	NO LOADING
24	5	5	5	5	EXCAVATOR OFF RAMP
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): JEAN G BOZIANE	
OBSERVER'S SIGNATURE:	DATE: 2/1/13
ORGANIZATION: NYC DEP.	
CERTIFIED BY:	DATE:

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

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD		
LOCATION		
CITY: BKLN	STATE: NY	ZIP
PROCESS EQUIPMENT: ASH CONTAINER INCINERATOR		OPERATING MODE: #2
CONTROL EQUIPMENT		OPERATING MODE
DESCRIBE EMISSION POINT: RECTANGULAR CONTAINER 6' TO 7' TALL		
HEIGHT OF EMISSION POINT: 7' TALL	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START END	
DISTANCE TO EMISSION POINT: START 100' END	DIRECTION TO EMISSION PT. (DEGREES (0-360)): START WEST 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 FANNING PLUM END		
EMISSION COLOR: START WHITE END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐	
DESCRIBE PLUME BACKGROUND: START CONSTRUCTION LIGHTS END		
BACKGROUND COLOR: START END	SKY CONDITIONS: START NIGHT END	
WIND SPEED: START 10 TO 15 END MPH	WIND DIRECTION: START NW END	
AMBIENT TEMP: START 27° END	WET BULB TEMP RH percent	

Source Layout Sketch



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
2/1/13	1915	1945

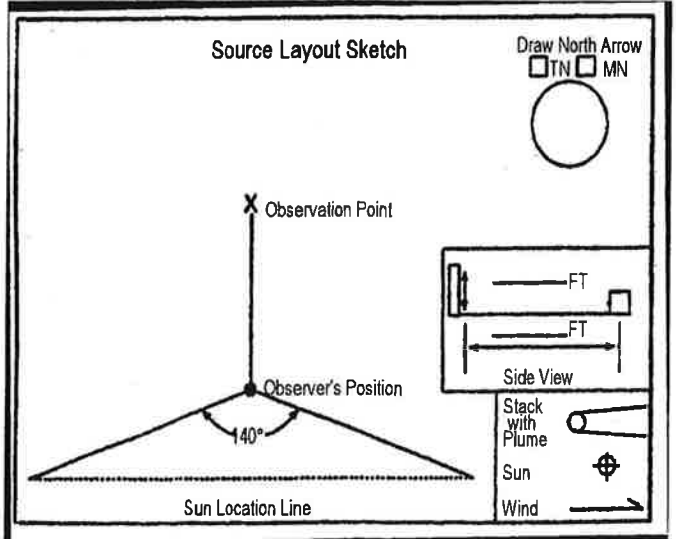
SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	NO LOADING
2	5	5	5	5	
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	
6	5	5	5	5	
7	5	5	5	5	
8	5	5	5	5	
9	5	5	5	5	
10	5	5	5	5	NO LOADING
11	5	5	5	5	
12	5	5	5	5	LOADING
13	5	5	5	5	
14	5	5	5	5	
15	5	5	5	5	
16	5	5	5	5	NO LOADING
17	5	5	5	5	
18	5	5	5	5	
19	5	5	5	5	
20	5	5	5	5	
21	5	5	5	5	
22	5	5	5	5	NO LOADING
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): JEAN G. BELIZAIRE	
OBSERVER'S SIGNATURE	DATE: 2/1/13
ORGANIZATION: NYCDEP.	
CERTIFIED BY	DATE

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

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD		
LOCATION:		
CITY: BKLN	STATE: N.Y.	ZIP:
PROCESS EQUIPMENT: AIR CURTAIN INCINERATOR #1		OPERATING MODE:
CONTROL EQUIPMENT:		OPERATING MODE:
DESCRIBE EMISSION POINT: RECTANGULAR CONTAINER 6' TO 7' TALL		
HEIGHT OF EMISSION POINT: 7' TALL	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START / END	
DISTANCE TO EMISSION POINT: START 600 END	DIRECTION TO EMISSION PT. (DEGREES (0-360)): START W 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 FANNING PLUME END		
EMISSION COLOR: START WHITE END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐	
DESCRIBE PLUME BACKGROUND: START CONSTRUCTION LIGHTS END		
BACKGROUND COLOR: START / END	SKY CONDITIONS: START NIGHT. END	
WIND SPEED: START 10 TO 15 M/HR END	WIND DIRECTION: START NW END	
AMBIENT TEMP: START 27° F END	WET BULB TEMP / RH percent	

Source Layout Sketch



ADDITIONAL INFORMATION:

OBSERVATION DATE	START TIME	END TIME
2/1/13	1745	2015

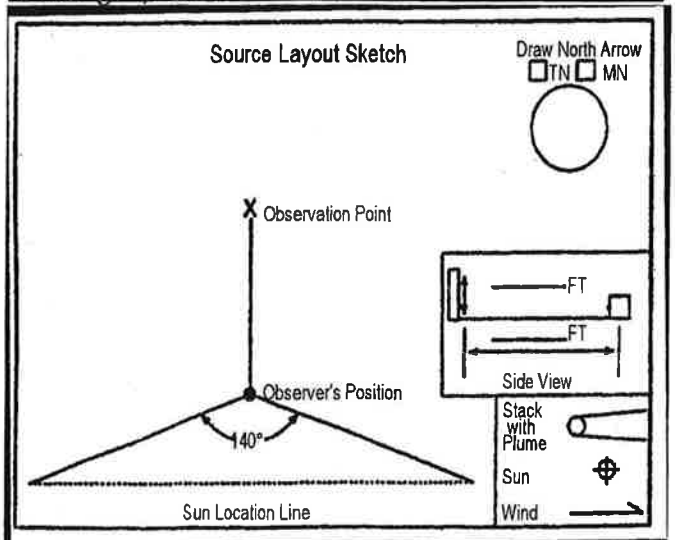
SEC / MIN	0	15	30	45	COMMENTS
1	10	10	10	10	NO LOADING
2	10	10	10	10	
3	5	5	5	5	LOADING
4	5	5	5	5	
5	10	10	10	10	
6	10	10	10	10	
7	10	10	10	10	
8	5	5	5	5	
9	5	5	5	5	NO LOADING
10	5	5	5	5	
11	5	5	5	5	
12	5	5	5	5	
13	5	5	5	5	
14	5	5	5	5	
15	5	5	5	5	LOADING.
16	10	10	10	10	
17	10	10	10	10	NO LOADING
18	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): JEAN G. BOYMAN	
OBSERVER'S SIGNATURE: [signature]	DATE: 2/1/13
ORGANIZATION: NYC DEP	
CERTIFIED BY	DATE

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

COMPANY NAME: ECL		
LOCATION: FLOYD BENNETT FIELD		
LOCATION		
CITY: BKLN	STATE: N.Y.	ZIP
PROCESS EQUIPMENT: AIR CURTAIN INCINERATOR		OPERATING MODE: #2
CONTROL EQUIPMENT		OPERATING MODE
DESCRIBE EMISSION POINT: RECTANGULAR CONTAINER 6'70' TALL		
HEIGHT OF EMISSION POINT: 7' TALL	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START WEST END	
DISTANCE TO EMISSION POINT: START 100 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 FANNING END PLUM		
EMISSION COLOR: START WHITE END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐	
DESCRIBE PLUME BACKGROUND: START CONSTRUCTION LIGHT END		
BACKGROUND COLOR: START END	SKY CONDITIONS: START NIGHT END	
WIND SPEED: START 10 TO 15 MPH END	WIND DIRECTION: START NW END	
AMBIENT TEMP: START 27° END	WET BULB TEMP RH percent	

Source Layout Sketch



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
2/1/13	2015	2045

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	NO LOADING.
6	10	10	10	10	
7	10	10	10	10	
8	15	15	15	15	
9	15	15	15	15	
10	10	10	10	10	
11	5	5	5	5	NO LOADING.
12	5	5	5	5	
13	5	5	5	5	
14	5	5	5	5	
15	5	5	5	5	
16	10	10	5	5	
17	5	5	5	5	
18	10	10	10	5	
19	5	5	5	15	LOADING
20	15	15	15	15	
21	15	15	15	20	
22	25	30	30	25	
23	25	25	20	20	
24	20	20	20	20	NO LOADING.
25	20	20	20	20	
26	20	20	15	15	
27	15	15	15	15	
28	15	15	15	15	
29	15	15	15	15	
30	15	15	15	15	

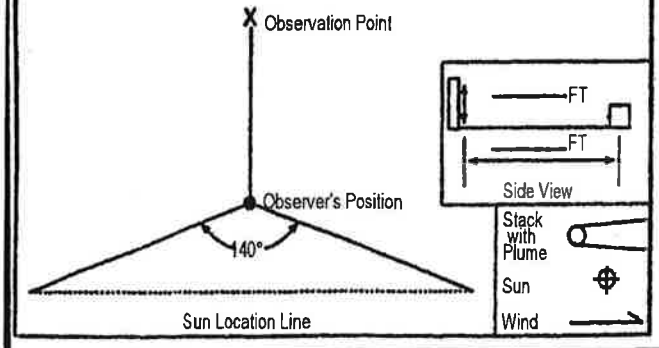
OBSERVER'S NAME (PRINT): SEAN G. BOLTAR	
OBSERVER'S SIGNATURE	DATE: 2/1/13
ORGANIZATION: NYC DEP	
CERTIFIED BY	DATE

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

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD		
LOCATION:		
CITY: BKLN	STATE: N.Y.	ZIP:
PROCESS EQUIPMENT: 4 IN CONTAINER INCINERATOR #1		OPERATING MODE:
CONTROL EQUIPMENT:		OPERATING MODE:
DESCRIBE EMISSION POINT: RECTANGULAR CONTAINER 6' TO 7' TALL		
HEIGHT OF EMISSION POINT: 7' TALL	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START END	
DISTANCE TO EMISSION POINT: START 100' END	DIRECTION TO EMISSION PT. (DEGREES (0-360)): START W 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 FANNING PLUM END		
EMISSION COLOR: START WHITE END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐	
DESCRIBE PLUME BACKGROUND: START CONSTRUCTION ZONE END		
BACKGROUND COLOR: START END	SKY CONDITIONS: START NIGHT END	
WIND SPEED: START 10 TO 15 MPH END	WIND DIRECTION: START NW END	
AMBIENT TEMP: START 27° END	WET BULB TEMP RH percent	

Source Layout Sketch

Draw North Arrow ☐TN ☐MN



ADDITIONAL INFORMATION:

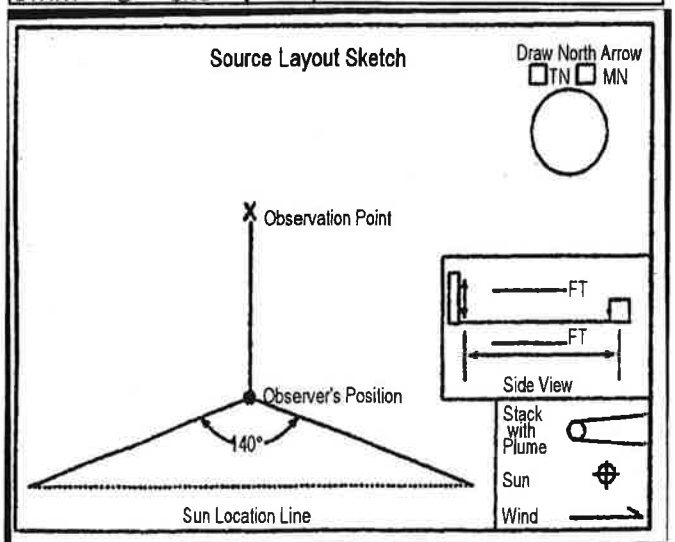
OBSERVATION DATE	START TIME	END TIME
2/1/13	2045	2115

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	NO LOADING
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	LOADING
12	5	5	5	5	
13	5	5	5	5	
14	10	10	5	5	
15	5	5	5	5	
16	5	5	5	5	
17	10	10	10	10	LOADING
18	10	10	10	10	
19	10	10	10	10	
20	10	10	10	10	
21	10	10	10	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): JOHN G. BOLTON	
OBSERVER'S SIGNATURE	DATE 2/1/13
ORGANIZATION: NYCDEP	
CERTIFIED BY	DATE

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

COMPANY NAME	ECC
LOCATION	FLOYD BENNETT FIELD
LOCATION	
CITY	BKLN
STATE	N.Y.
ZIP	
PROCESS EQUIPMENT	Air Curtain Incinerator
OPERATING MODE	#2
CONTROL EQUIPMENT	
OPERATING MODE	
DESCRIBE EMISSION POINT	Rectangular Container 6' to 7' Tall
HEIGHT OF EMISSION POINT	7' Tall
HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER	START END
DISTANCE TO EMISSION POINT	START 100' END
DIRECTION TO EMISSION PT. (DEGREES (0-360))	START W 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 Fanning END Plum.
EMISSION COLOR	START WHITE END
WATER DROPLET PLUME	ATTACHED ☐ DETACHED ☐ NONE ☐
DESCRIBE PLUME BACKGROUND	START Construction Lights END
BACKGROUND COLOR	START END
SKY CONDITIONS	START NIGHT END
WIND SPEED	START 10 TO 15 MPH END
WIND DIRECTION	START NW END
AMBIENT TEMP	START 27° F END
WET BULB TEMP	RH percent



ADDITIONAL INFORMATION

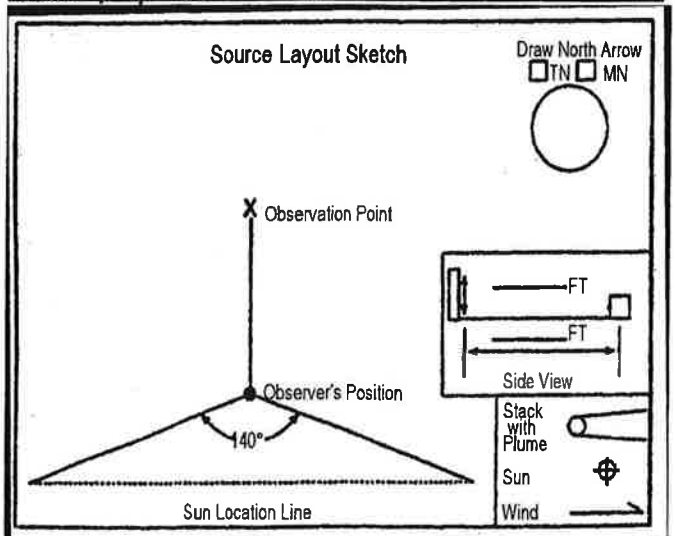
OBSERVATION DATE	START TIME	END TIME
2/1/13	2115	2145

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	NO LOADING
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	LOADING
13	5	5	5	5	
14	5	5	5	5	
15	5	5	5	5	
16	5	5	5	5	NO LOADING.
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	NO LOADING
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)	JEAN G BELTAINE
OBSERVER'S SIGNATURE	[signature]
DATE	2/1/13
ORGANIZATION	NYC DEP.
CERTIFIED BY	
DATE	

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

COMPANY NAME	ECC
LOCATION	FLOYD BENNETT FIELD
LOCATION	
CITY	BKLN
STATE	N.Y.
ZIP	
PROCESS EQUIPMENT	AIR CURTAIN INCINERATOR
OPERATING MODE	#1
CONTROL EQUIPMENT	
OPERATING MODE	
DESCRIBE EMISSION POINT	RECTANGULAR CONTAINER 6' TO 7' TALL
HEIGHT OF EMISSION POINT	7' TALL
HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER	START W END
DISTANCE TO EMISSION POINT	START 100' 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 FANNING END PLUM
EMISSION COLOR	START WHITE END
WATER DROPLET PLUME	ATTACHED ☐ DETACHED ☐ NONE ☐
DESCRIBE PLUME BACKGROUND	START Construction END Lights
BACKGROUND COLOR	START END
SKY CONDITIONS	START NIGHT END
WIND SPEED	START 10 TO 15 M/H END
WIND DIRECTION	START NW END
AMBIENT TEMP	START 27° F END
WET BULB TEMP	RH percent



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
2/1/13	2145	2215

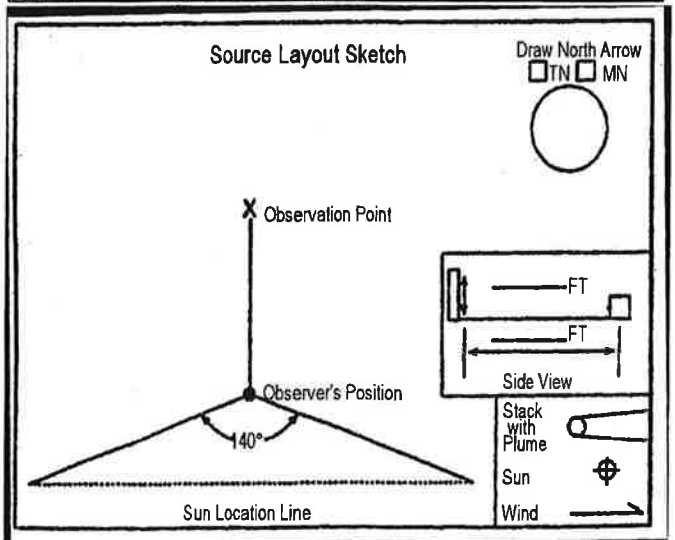
MIN \ SEC	0	15	30	45	COMMENTS
1	5	5	5	5	NO LOADING
2	5	5	5	5	
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	
6	5	5	5	5	
7	5	5	5	5	NO LOADING
8	5	5	5	5	
9	5	5	5	5	
10	5	5	5	5	
11	5	5	5	5	
12	5	5	5	5	
13	5	5	5	5	
14	5	5	5	5	NO LOADING
15	5	5	5	5	
16	5	5	5	5	
17	5	5	5	5	
18	5	5	5	5	
19	5	5	5	5	
20	5	5	5	5	
21	5	5	5	5	
22	5	5	5	5	NO LOADING
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)	JEAN G. BELITAIRE
OBSERVER'S SIGNATURE	[signature]
DATE	2/1/13
ORGANIZATION	NYC DEP
CERTIFIED BY	
DATE	

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

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD		
LOCATION:		
CITY: BKLN	STATE: N.Y.	ZIP:
PROCESS EQUIPMENT: AIR CURTAIN INCINERATOR #2		OPERATING MODE:
CONTROL EQUIPMENT:		OPERATING MODE:
DESCRIBE EMISSION POINT: RECTANGULAR CONTAINER 6'TO7'TALL		
HEIGHT OF EMISSION POINT: 7' TALL	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START END	
DISTANCE TO EMISSION POINT: START 100' END	DIRECTION TO EMISSION PT. (DEGREES (0-360)): START W 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 FANNING END N/M		
EMISSION COLOR: START WHITE END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐	
DESCRIBE PLUME BACKGROUND: START CONSTRUCTION LIGHT END		
BACKGROUND COLOR: START END	SKY CONDITIONS: START NIGHT END	
WIND SPEED: START 10 TO 15 MPH END	WIND DIRECTION: START NW END	
AMBIENT TEMP: START END	WET BULB TEMP RH percent	

Source Layout Sketch



ADDITIONAL INFORMATION

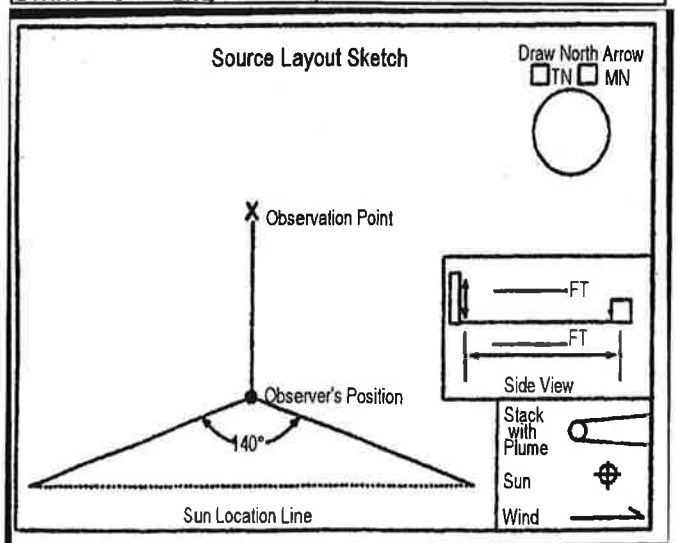
OBSERVATION DATE	START TIME	END TIME
2/1/13	2215	2245

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	NO LOADING
8	5	5	5	5	
9	5	5	5	5	
10	5	5	5	5	LOADING
11	5	5	5	5	
12	5	5	5	5	
13	5	5	5	5	
14	5	5	5	5	NO 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	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): JEAN G. BELTAIRE	
OBSERVER'S SIGNATURE	DATE 2/1/13
ORGANIZATION: NYCDEP	
CERTIFIED BY	DATE

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

COMPANY NAME	ECC
LOCATION	FLOYD BENNETT FIELD
LOCATION	
CITY	BKLYN
STATE	NY
ZIP	
PROCESS EQUIPMENT	AIR CURTAIN INCINERATOR
OPERATING MODE	#1
CONTROL EQUIPMENT	
OPERATING MODE	
DESCRIBE EMISSION POINT	RECTANGULAR CONTAINER 6' TO 7' TALL
HEIGHT OF EMISSION POINT	7' TALL
HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER	START END
DISTANCE TO EMISSION POINT	START 100' END
DIRECTION TO EMISSION PT. (DEGREES (0-360))	START W 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 FANNING END PLUM
EMISSION COLOR	START WHITE END
WATER DROPLET PLUME	ATTACHED ☐ DETACHED ☐ NONE ☐
DESCRIBE PLUME BACKGROUND	START CONSTRUCTION LIGHTS END
BACKGROUND COLOR	START END
SKY CONDITIONS	START NIGHTS END
WIND SPEED	START 10 TO 15 M/H END
WIND DIRECTION	START NW END
AMBIENT TEMP	START 25°F END
WET BULB TEMP	RH percent



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
2/1/12	2245	2315

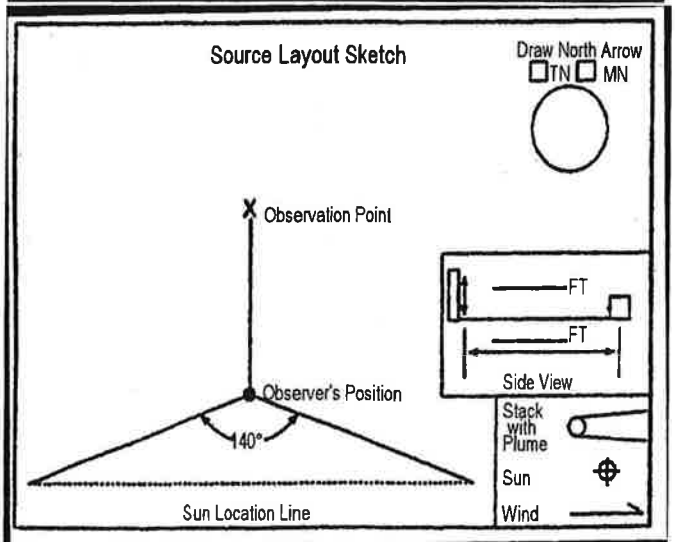
MIN \ SEC	0	15	30	45	COMMENTS
					NO CO
1	10	10	10	10	NO LOADING.
2	5	5	10	10	
3	10	5	5	5	LOADING
4	10	10	10	10	
5	10	10	5	5	
6	5	5	5	5	
7	5	5	5	10	
8	10	5	5	10	
9	10	5	5	5	
10	5	5	5	5	
11	5	5	5	5	NO LOADING
12	5	5	5	5	
13	5	5	5	5	
14	5	5	5	5	
15	5	5	5	5	
16	5	5	5	5	
17	5	5	5	5	
18	5	5	5	5	
19	5	5	5	5	NO LOADING
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	NO LOADING
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)	JEAN G BELIZAIRE
OBSERVER'S SIGNATURE	[signature]
DATE	2/1/13
ORGANIZATION	NYC DEP
CERTIFIED BY	
DATE	

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

COMPANY NAME: ECL		
LOCATION: HOYD BENNETT FIELD		
LOCATION		
CITY: BKLN	STATE: N.Y.	ZIP
PROCESS EQUIPMENT: AIR CURTAIN INCINERATOR		OPERATING MODE: #2
CONTROL EQUIPMENT		OPERATING MODE
DESCRIBE EMISSION POINT: RECTANGULAR CONTAINER 6' TO 7' TALL		
HEIGHT OF EMISSION POINT: 7' TALL	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START W END	
DISTANCE TO EMISSION POINT: START 100' 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 FANNING END PLUM		
EMISSION COLOR: START WHITE END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐	
DESCRIBE PLUME BACKGROUND: START CONTINUOUS END LIGHTS		
BACKGROUND COLOR: START END	SKY CONDITIONS: START NIGHT END	
WIND SPEED: START 10 TO 15 MPH END	WIND DIRECTION: START NW END	
AMBIENT TEMP: START 25°F END	WET BULB TEMP RH percent	

Source Layout Sketch



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
2/1/13	2315	2345

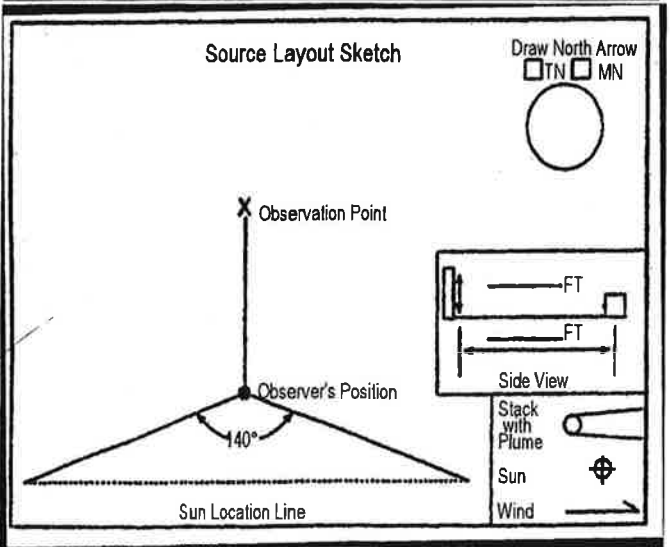
SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	NO LOADING
2	5	5	5	5	
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	
6	5	5	5	5	
7	5	5	5	5	
8	5	5	5	5	
9	5	5	5	5	NO LOADING
10	5	5	5	5	
11	5	5	5	5	
12	5	5	5	5	
13	5	5	5	5	
14	5	5	5	5	
15	5	5	5	5	NO LOADING.
16	5	5	5	5	
17	5	5	5	5	
18	5	5	5	5	LOADING!
19	5	5	5	5	
20	5	5	5	5	
21	5	5	5	5	
22	5	5	5	5	
23	5	5	5	5	
24	5	5	5	5	NO LOADING.
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): JENG, BELIZAIRE	
OBSERVER'S SIGNATURE	DATE 2/1/13
ORGANIZATION NYCDEP	
CERTIFIED BY	DATE

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

COMPANY NAME: ECL		
LOCATION: FLOYD BENNETT FIELD		
LOCATION		
CITY: BKLYN	STATE: NY	ZIP
PROCESS EQUIPMENT: AIR CURTAIN INCINERATOR		OPERATING MODE: #1
CONTROL EQUIPMENT		OPERATING MODE
DESCRIBE EMISSION POINT: RECTANGULAR CONTAINMENT 6' TO 7' TALL		
HEIGHT OF EMISSION POINT: 7' TALL	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START / END	
DISTANCE TO EMISSION POINT: START 100' END	DIRECTION TO EMISSION PT. (DEGREES (0-360)): START W 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 FANNING PLUME END		
EMISSION COLOR: START WHITE END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐	
DESCRIBE PLUME BACKGROUND: START CONSTRUCTION LIGHTS END		
BACKGROUND COLOR: START / END	SKY CONDITIONS: START NIGHT END	
WIND SPEED: START 10 TO 15 MPH END	WIND DIRECTION: START NW END	
AMBIENT TEMP: START 25° END	WET BULB TEMP / RH percent	

Source Layout Sketch



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
2/1/13	2345	0015

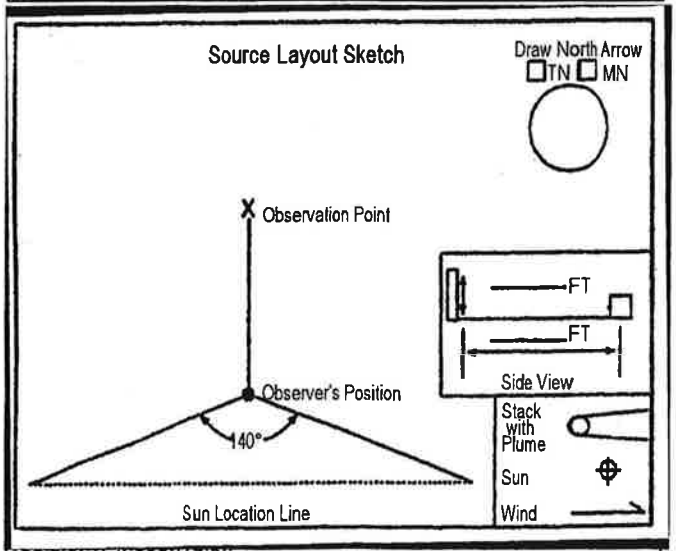
SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	LOADING
2	5	5	5	5	
3	10	10	5	10	
4	10	10	10	10	
5	10	10	10	10	
6	10	10	10	10	
7	10	10	10	10	
8	10	10	10	10	
9	10	10	10	10	NO LOADING
10	5	5	5	5	
11	5	5	5	5	
12	5	5	5	5	
13	5	5	5	5	
14	5	5	5	5	
15	5	5	5	5	NO LOADING
16	5	5	5	5	
17	5	5	5	5	
18	5	5	5	5	
19	5	5	5	5	
20	5	5	5	5	
21	5	5	5	5	NO LOADING
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): JEAN G. BEZIAIRE	
OBSERVER'S SIGNATURE	DATE 2/2/13
ORGANIZATION: NYC DEP.	
CERTIFIED BY	DATE

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

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD		
LOCATION:		
CITY: BKLN	STATE: N.Y.	ZIP:
PROCESS EQUIPMENT: ASPHALT PLANT #2		OPERATING MODE:
CONTROL EQUIPMENT:		OPERATING MODE:
DESCRIBE EMISSION POINT: RECTANGULAR CONTAINER 6' TO 7' TALL		
HEIGHT OF EMISSION POINT: 7'	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START END	
DISTANCE TO EMISSION POINT: START 100' END	DIRECTION TO EMISSION PT. (DEGREES (0-360)): START W END	
VERTICAL ANGLE TO OBSERVATION POINT: START END	DIRECTION TO OBSERVATION POINT (DEGREES (0-360)): START END	
DISTANCE & DIRECTION TO OBSERVATION PONT FROM EMISSION POINT: START END		
DESCRIBE EMISSIONS: START FANNING END PLUM		
EMISSION COLOR: START WHITE END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐	
DESCRIBE PLUME BACKGROUND: START CONSTRUCTION LIGHT END		
BACKGROUND COLOR: START END	SKY CONDITIONS: START NIGHT END	
WIND SPEED: START 10 TO 15 MPH END	WIND DIRECTION: START NW END	
AMBIENT TEMP: START 25 END	WET BULB TEMP: RH percent	

Source Layout Sketch



ADDITIONAL INFORMATION:

OBSERVATION DATE	START TIME	END TIME
2/2/13	0015	0045

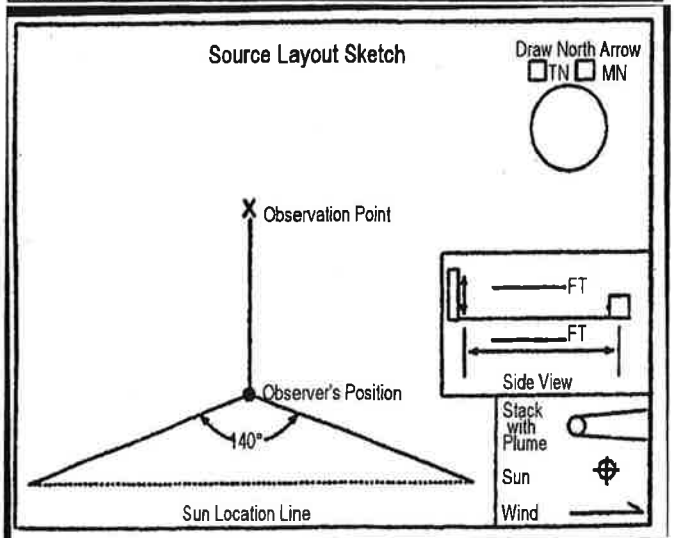
SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	NO LOADING
2	5	5	5	5	
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	LOADING!
6	10	10	10	10	
7	10	10	10	10	
8	10	10	10	10	
9	10	15	15	15	
10	20	20	20	20	
11	15	15	20	20	
12	20	20	20	20	
13	20	20	20	20	NO LOADING
14	15	15	15	15	
15	20	20	15	15	
16	15	15	15	15	
17	15	15	15	15	
18	15	15	15	15	
19	15	15	15	15	NO LOADING
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	LOADING!
26	10	10	10	10	
27	15	15	10	10	
28	10	10	10	10	
29	10	10	10	10	
30	10	10	10	10	

OBSERVER'S NAME (PRINT): JEAN G BOLIVAR	
OBSERVER'S SIGNATURE:	DATE: 2/2/13
ORGANIZATION: NYC DOT	
CERTIFIED BY	DATE

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

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD		
LOCATION		
CITY: BKLN	STATE: NY	ZIP
PROCESS EQUIPMENT: AIR CONTAINMENT #1		OPERATING MODE
CONTROL EQUIPMENT		OPERATING MODE
DESCRIBE EMISSION POINT: RECTANGULAR CONTAINER 6' TO 7' TALL		
HEIGHT OF EMISSION POINT: 7'	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START END	
DISTANCE TO EMISSION POINT: START 100' END	DIRECTION TO EMISSION PT. (DEGREES (0-360)): START W 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 FANNING END PLUM		
EMISSION COLOR: START WHITE END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐	
DESCRIBE PLUME BACKGROUND: START CONTINUOUS END LIGHT		
BACKGROUND COLOR: START END	SKY CONDITIONS: START NIGHT END	
WIND SPEED: START 10 TO 15 MPH END	WIND DIRECTION: START NW END	
AMBIENT TEMP: START 25° END	WET BULB TEMP RH percent	

Source Layout Sketch



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
2/2/13	0045	0115

MIN \ SEC	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	LOADING!
5	5	5	5	5	
6	5	5	5	5	
7	5	5	5	5	
8	5	5	5	5	NO 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	NO 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	NO LOADING
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	

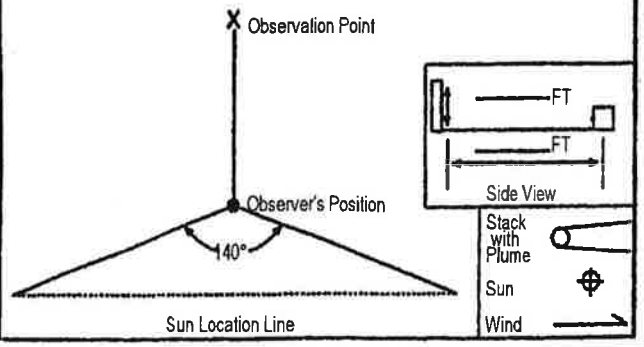
OBSERVER'S NAME (PRINT): JOHN G BELTAIRE	
OBSERVER'S SIGNATURE	DATE 2/2/13
ORGANIZATION NYCDEP	
CERTIFIED BY	DATE

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

COMPANY NAME: ECL		
LOCATION: Floyd Bennett Field		
LOCATION:		
CITY: BKLN	STATE: N.Y.	ZIP:
PROCESS EQUIPMENT: Air Contamination	OPERATING MODE: #2	
CONTROL EQUIPMENT:	OPERATING MODE:	
DESCRIBE EMISSION POINT: Rectan Gular Container 6' TO 7' TALL		
HEIGHT OF EMISSION POINT: 7'	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START END	
DISTANCE TO EMISSION POINT: START 100' END	DIRECTION TO EMISSION PT. (DEGREES (0-360)): START W 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 Fanning END Plum		
EMISSION COLOR: START White END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐	
DESCRIBE PLUME BACKGROUND: START Construction Lights END		
BACKGROUND COLOR: START END	SKY CONDITIONS: START Night END	
WIND SPEED: START 10 TO 15 MPH END	WIND DIRECTION: START NW END	
AMBIENT TEMP: START 25° END	WET BULB TEMP: RH percent	

Source Layout Sketch

Draw North Arrow ☐TN ☐MN



ADDITIONAL INFORMATION

OBSERVATION DATE: 2/2/13 | START TIME: 0115 | END TIME: 0145

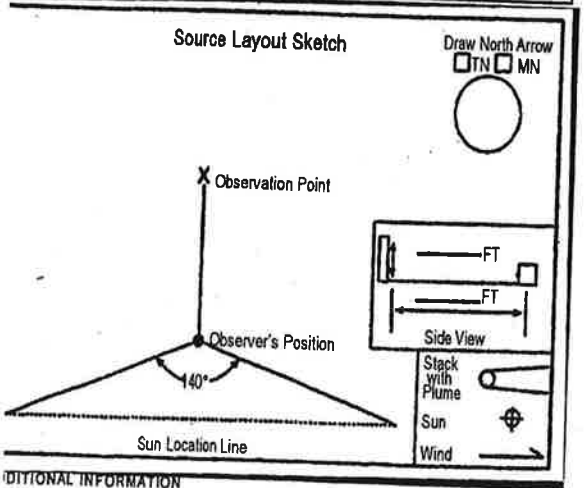
SEC / MIN	0	15	30	45	COMMENTS
1	10	10	10	10	NO LOADING.
2	5	5	5	5	
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	
6	5	5	5	5	
7	5	5	5	5	
8	5	5	5	5	NO LOADING.
9	5	5	5	5	
10	5	5	5	5	
11	5	5	5	5	
12	5	5	5	5	
13	5	5	5	5	
14	5	5	5	5	LOADING
15	5	5	5	5	
16	5	5	5	5	
17	10	10	10	10	
18	5	5	5	5	
19	5	5	5	5	
20	5	5	5	5	NO LOADING.
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					

OBSERVER'S NAME (PRINT): JOHN G. BOLIZA	
OBSERVER'S SIGNATURE:	DATE: 2/2/13
ORGANIZATION: NYCDEP	
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



ADDITIONAL INFORMATION

OBSERVATION	DATE	START TIME	END TIME
2	1/13	0230	0300

SEC / MIN	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	

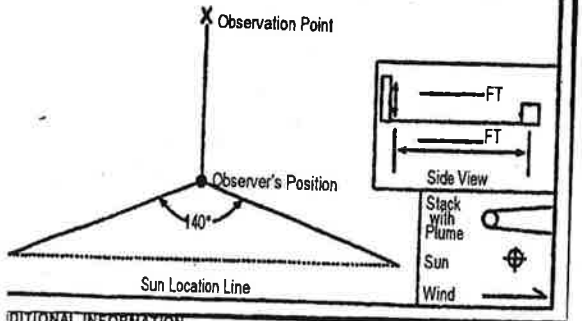
OBSERVER'S NAME (PRINT)	JOE ACOSTA	
OBSERVER'S SIGNATURE	Ja	DATE 2/1/13
ORGANIZATION	DEP	
CERTIFIED BY		DATE

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	START TIME	END TIME
2/1/13	0300	0330

SEC / MIN	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	

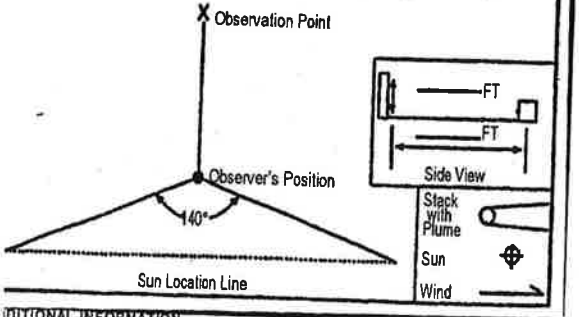
OBSERVER'S NAME (PRINT)	JC Acosta	
OBSERVER'S SIGNATURE	JA	DATE 2/1/13
ORGANIZATION	DEQ	
CERTIFIED BY		DATE

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	START TIME	END TIME
2/1/13	0330	0400

SEC / MIN	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	

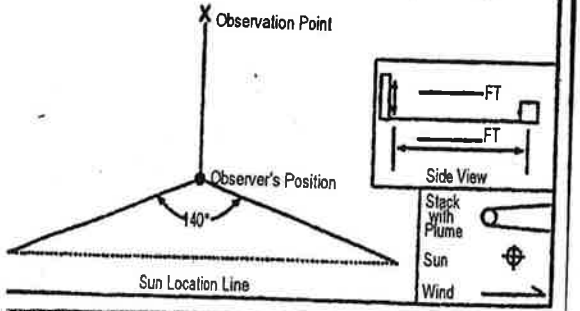
OBSERVER'S NAME (PRINT)	JC ACOSTA	
OBSERVER'S SIGNATURE		DATE 2/1/13
ORGANIZATION	DEP	
CERTIFIED BY		DATE

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: 2/1/13 | START TIME: 0400 | END TIME: 0430

SEC / MIN	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	

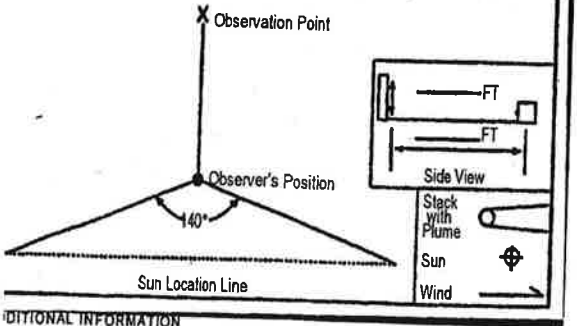
OBSERVER'S NAME (PRINT)	JOE ACOSTA	
OBSERVER'S SIGNATURE		DATE 2/1/13
ORGANIZATION	DEP	
CERTIFIED BY		DATE

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: 2/1/13 | START TIME: 0430 | END TIME: 0500

SEC / MIN	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	

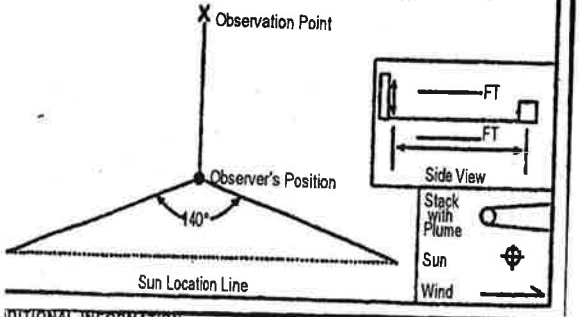
OBSERVER'S NAME (PRINT)	Joe Acosta	
OBSERVER'S SIGNATURE		DATE 2/1/13
ORGANIZATION	DEP	
CERTIFIED BY		DATE

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	START TIME	END TIME
2/1/13	0500	0530

SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	Leaving
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	

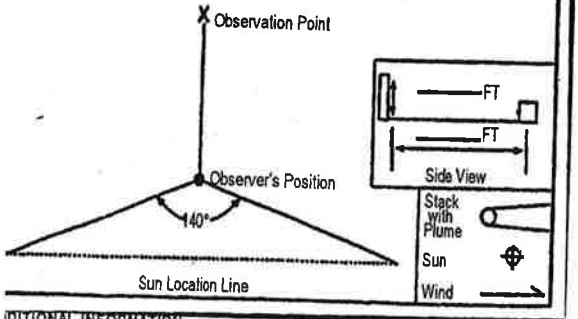
OBSERVER'S NAME (PRINT)	Joe Acosta	
OBSERVER'S SIGNATURE	2/1/13	DATE
ORGANIZATION	DEQ	
CERTIFIED BY		DATE

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: 2/1/13 | START TIME: 0830 | END TIME: 0900

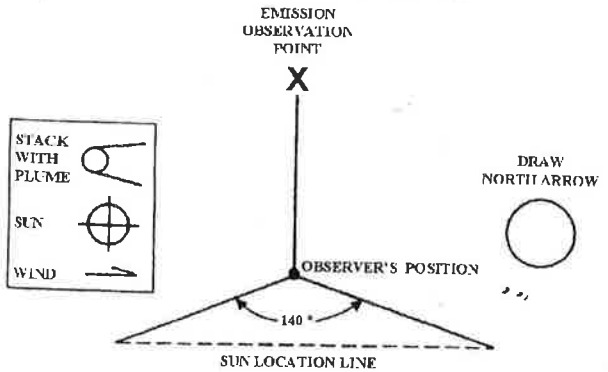
SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	LOADING
2	5	5	5	5	
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	
6	5	5	5	5	
7	5	5	5	5	
8	5	5	5	5	
9	5	5	5	5	
10	5	5	5	5	
11	5	5	5	5	
12	5	5	5	5	
13	5	5	5	5	
14	5	5	5	5	
15	5	5	5	5	
16	5	5	5	5	
17	5	5	5	5	
18	5	5	5	5	
19	5	5	5	5	
20	5	5	5	5	
21	5	5	5	5	
22	5	5	5	5	
23	5	5	5	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)	JBG Austin	
OBSERVER'S SIGNATURE		DATE 2/1/13
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
02-01-13	0700	0730

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

stir

wood

Observer's Name (Print)	
Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-01-13
Organization	
Certified by	Date

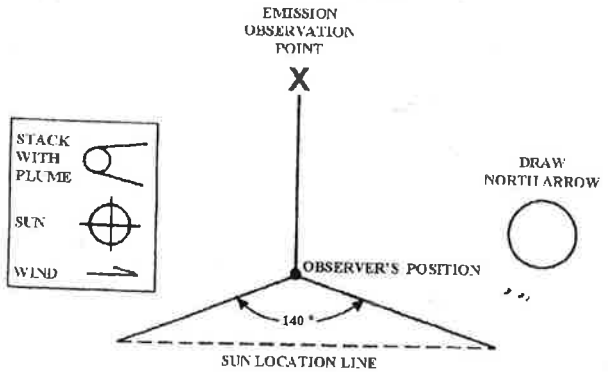
Continue on reverse side

(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	Start Time	End Time
02-01-13	0731	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	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 wood	5	5	15	15	wood	5 - 5 - 5 - 5
19	15	15	10	10		5 - 5 - 5 - 5
20	10	10	10	10		#1 - 5 - 5 - 5 - 5
21	10	5	5	5		5 - 5 - 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 - 15 - 15
26	5	5	5	5		15 - 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

wood ↓

stir

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-01-13
Organization	
Certified by	Date

Continue on reverse side

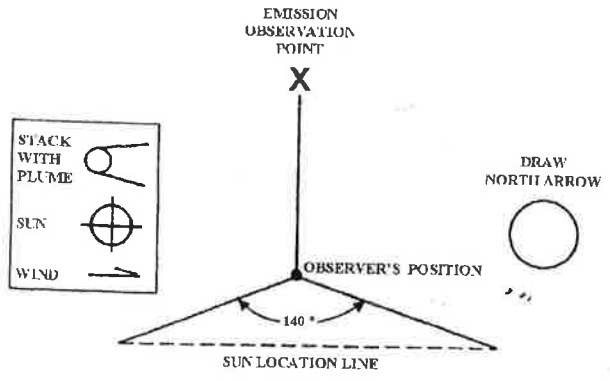
(2)

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
02-01-13	0801	0830

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	10	start	5 - 5 - 5 - 5
12	10	10	10	10		5 - 5 - 5 - 5
13	10	10	10	10	wind	5 - 5 - 5 - 5
14	10	10	10	10		5 - 5 - 5 - 5
15	10	10	10	10		#1 - 5 - 5 - 5 - 5
16	10	10	10	10		5 - 5 - 5 - 5
17	10	10	10	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		10 - 10 - 10 - 10 wood
27	5	5	5	5		10 - 10 - 5 - 5
28	5	5	5	5		10 - 10 - 10 - 10 wood
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: 02-01-13
Organization	
Certified by	Date

Continue on reverse side

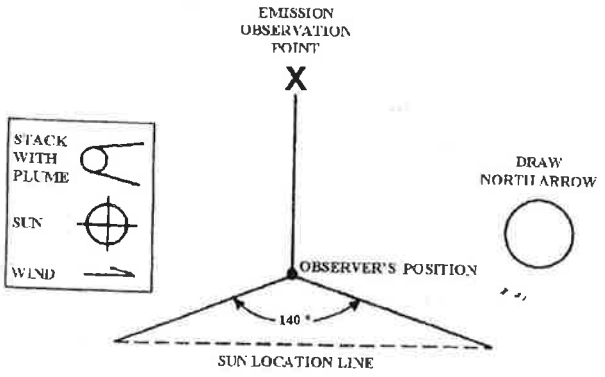
3

(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: 02-01-13 | Start Time: 0831 | End Time: 0900

Min \ Sec	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	10-10-10-10
6	5	5	5	5	#1-10-10-10-5
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	—	—	—	→	#1- Brake
12					
13					
14					
15					
16					#1-
17					
18					
19					
20					
21					#1-
22					
23					↓
24	—	—	—	—	Brake
25	5	5	5	5	#1-15-15-15-15
26	5	5	5	5	#1-15-15-10-10
27	5	5	5	5	10-10-10-10
28	5	5	5	5	10-10-10-10
29	5	5	5	5	10-10-10-10
30	5	5	5	5	#1-10-10-10-10

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-01-13
Organization	
Certified by	Date

Continue on reverse side

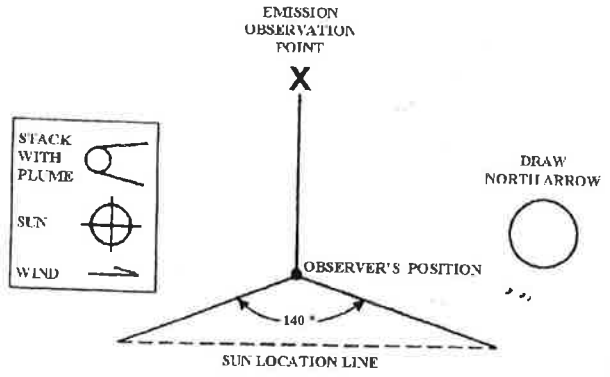
(4)

(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: 02-01-13 | Start Time: 0901 | End Time: 0930

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

wood

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-01-13
Organization	
Certified by	Date

Continue on reverse side

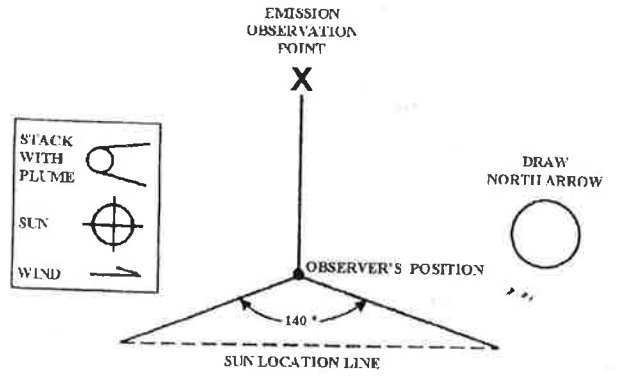
(5)

(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	Start Time	End Time
02-01-13	0931	1000

Sec / Min	0	15	30	45	Comments
1	10	10	5	5	#1 - 10 - 10 - 10 - 10
2	5	5	5	5	10 - 10 - 10 - 15
3	5	5	5	5	15 - 15 - 20 - 20
4	5	5	5	5	20 - 20 - 20 - 20
5	5	5	5	5	#1 - 20 - 20 - 20 - 20
6	5	5	5	5	20 - 20 - 20 - 20
7	5	5	5	5	20 - 20 - 15 - 15
8	5	5	5	5	15 - 15 - 15 - 10
9	5	5	5	5	10 - 10 - 10 - 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 - 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

wood

Observer's Name (Print)	
Eric Gregorius	
Observer's Signature	Date
Eric Gregorius	02-01-13
Organization	
Certified by	Date

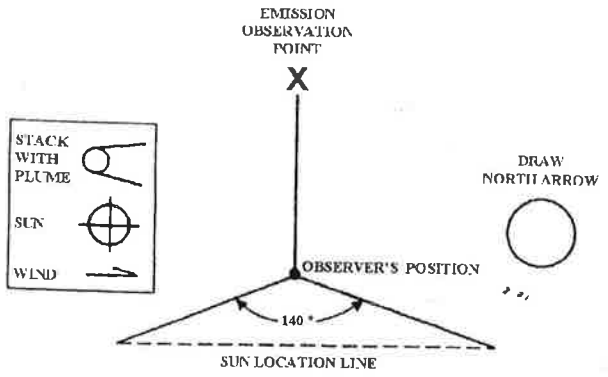
Continue on reverse side

(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: 02-01-13 | Start Time: 1001 | End Time: 1030

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	10	10	10	10	#1-5-5-5-5
6	15	15	20	20	5-5-5-5
7	20	20	30	30	w 5-5-5-5
8	30	30	30	30	w 5-5-5-5
9	30	30	30	20	5-5-5-10
10	20	20	20	20	#1-10-10-10-10
11	20	15	15	15	10-10-10-15
12	15	15	15	15	15-20-20-20
13	10	10	10	10	20-20-15-15
14	10	10	10	10	10-10-10-10
15	10	10	10	10	#1-10-10-10-10
16	10	10	10	10	10-10-10-10
17	10	10	10	10	10-10-10-10
18	10	5	5	5	10-10-10-10
19	5	5	5	5	10-10-5-5
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	#1-5-5-5-10
26	5	5	5	5	10-10-10-10
27	5	5	5	5	10-10-10-10
28	5	5	5	5	10-15-15-15
29	5	5	10	10	15-15-10-10
30	10	10	10	10	#1-5-5-5-5

Observer's Name (Print): Eric Gregorius

Observer's Signature: Eric Gregorius | Date: 02-01-13

Organization

Certified by | Date

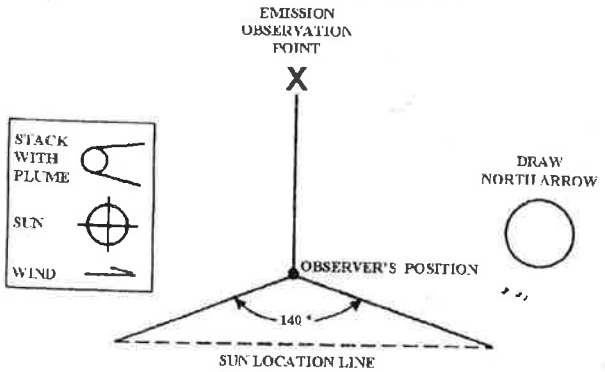
Continue on reverse side

(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
02-01-13	1031	1100

Min \ Sec	0	15	30	45	Comments
1	10	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	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: 02-01-13
Organization	
Certified by	Date
Continue on reverse side	

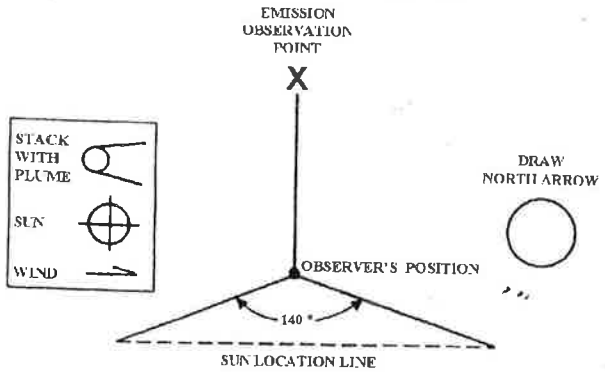
(8)

(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
02-01-13	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	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	10	10	#1 - 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	10	10	5-5-10-10 wood
14	10	10	10	10	15-15-15-15
15	10	10	10	10	#1 - 15-15-15-15
16	10	10	10	10	15-20-20-20
17	10	10	10	10	20-20-20-20
18	10	10	10	10	20-20-20-20
19	10	10	10	10	20-20-20-20
20	10	10	10	10	#1 - 20-20-20-30
21	10	5	5	5	30-30-30-30
22	5	5	5	5	20-20-20-20
23	5	5	5	5	20-20-15-15
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	10-5-5-5
29	5	5	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: 02-01-13
Organization	
Certified by	Date

Continue on reverse side

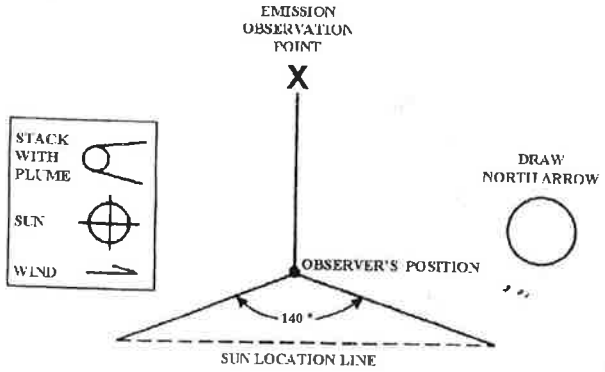
(9)

10

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
02-01-13	1131	1200

Sec / Min	0	15	30	45	Comments
1	10	5	5	5	#1 - 5 - 5 - 5 - 10
2	5	5	5	5	10 - 10 - 10 - 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 - 10 - 10 - 10
6	5	5	5	5	10 - 10 - 10 - 10
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	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 - 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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-01-13
Organization	
Certified by	Date

Continue on reverse side

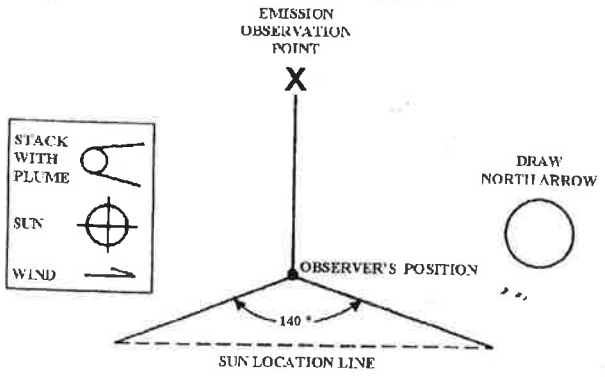
10

(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
02-01-13	1201	1230

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	10	10	10	5 - 5 - 5 - 5
10	10	10	15	15	#1 - 5 - 5 - 5 - 5
11	15	20	20	20	5 - 5 - 5 - 5
12	20	20	20	20	5 - 5 - 5 - 5
13	20	20	20	20	5 - 5 - 5 - 5
14	20	20	20	20	5 - 5 - 5 - 5
15	20	20	20	20	#1 - 10 - 10 - 10 - 15
16	20	20	20	20	15 - 15 - 15 - 15
17	20	20	20	20	15 - 15 - 15 - 15
18	20	20	20	20	15 - 15 - 10 - 10
19	20	20	15	15	10 - 10 - 10 - 10
20	10	10	10	10	#1 - 10 - 10 - 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	5	#1 - 5 - 5 - 5 - 5
26	5	5	5	5	5 - 5 - 5 - 5
27	15	15	15	15	5 - 5 - 5 - 5
28	10	10	10	10	5 - 5 - 5 - 5
29	10	10	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: 02-01-13
Organization	
Certified by	Date

Continue on reverse side

(11)