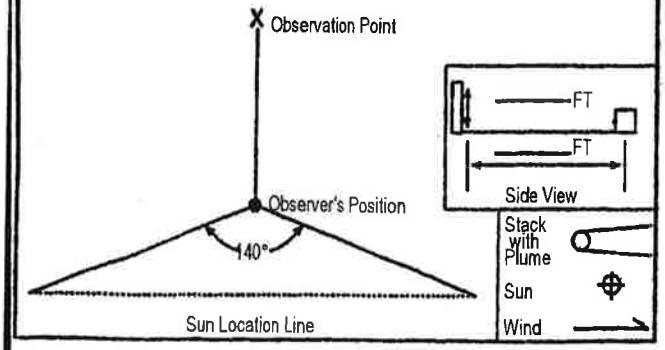
EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME: ECC		
LOCATION: Isloyed bennett field		
LOCATION: Brooklyn		
CITY: Brk	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

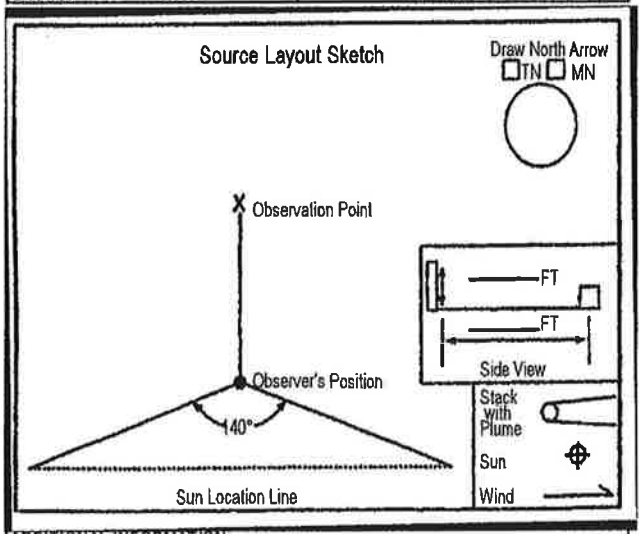
OBSERVATION DATE	START TIME	END TIME
1/10/13	200	230

SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	Not loading
2	5	5	5	5	
3	5	10	5	5	
4	5	5	10	10	
5	5	5	5	5	
6	5	5	5	35	
7	5	5	5	5	
8	5	10	5	5	
9	5	10	5	10	
10	10	10	10	10	
11	5	10	10	5	
12	5	10	10	10	Loading
13	10	5	10	15	
14	10	15	10	10	
15	15	10	15	15	
16	10	15	10	10	
17	10	10	5	5	
18	5	10	5	5	
19	5	5	5	5	Not loading
20	10	5	10	5	
21	5	10	5	5	
22	5	10	10	5	
23	5	5	5	5	
24	5	5	5	5	
25	10	5	5	5	
26	5	5	5	5	
27	5	5	5	5	
28	10	10	5	5	
29	5	5	10	5	
30	5	10	10	5	

OBSERVER'S NAME (PRINT): H. Hyari	
OBSERVER'S SIGNATURE:	DATE: 1/10/13
ORGANIZATION: N.Y.C DEP	
CERTIFIED BY	DATE

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

COMPANY NAME	NYC DEP
LOCATION	Floyd Bennett Field
LOCATION	
CITY	B/C
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 100 END
DIRECTION TO EMISSION PT. (DEGREES (0-360))	START S/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 END
EMISSION COLOR	White START END
WATER DROPLET PLUME	ATTACHED ☐ DETACHED ☐ NONE ☐
DESCRIBE PLUME BACKGROUND	START END
BACKGROUND COLOR	Night START END
SKY CONDITIONS	START END
WIND SPEED	START END
WIND DIRECTION	East START END
AMBIENT TEMP	START END
WET BULB TEMP	RH percent



ADDITIONAL INFORMATION

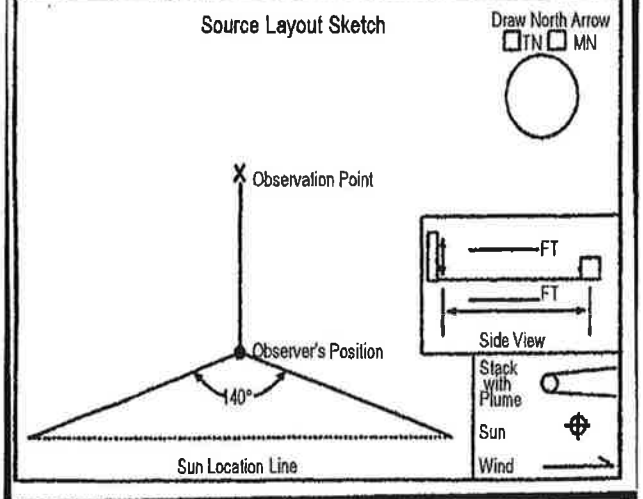
OBSERVATION DATE	START TIME	END TIME
1-10-13	0030	0100

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

OBSERVER'S NAME (PRINT)	August Buffo
OBSERVER'S SIGNATURE	A Buffo
DATE	1-10-13
ORGANIZATION	
CERTIFIED BY	
DATE	

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

COMPANY NAME	NYC DEP
LOCATION	Fluid Bennett Field
LOCATION	
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 100 END
DIRECTION TO EMISSION PT. (DEGREES (0-360))	START S/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 END
EMISSION COLOR	White START END
WATER DROPLET PLUME	ATTACHED ☐ DETACHED ☐ NONE ☐
DESCRIBE PLUME BACKGROUND	START END
BACKGROUND COLOR	Night START END
SKY CONDITIONS	START END
WIND SPEED	START END
WIND DIRECTION	East START END
AMBIENT TEMP	START END
WET BULB TEMP	RH percent



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
1-10-13	0100	0130

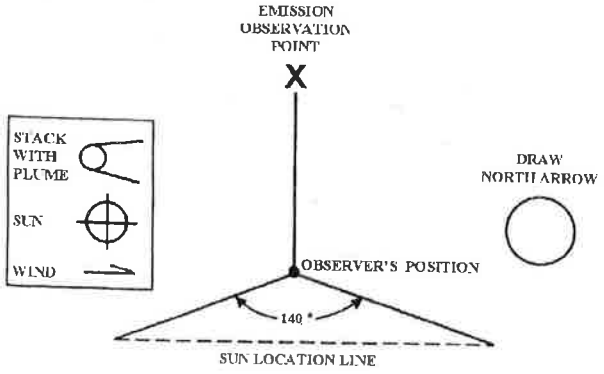
MIN \ SEC	0	15	30	45	COMMENTS
1	5	5	5	6	One log
2	5	5	5	5	added
3	0	0	0	0	
4					
5					Debris
6					Just
7					burning
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30	0	0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

OBSERVER'S NAME (PRINT)	August Buffa
OBSERVER'S SIGNATURE	[signature]
DATE	1-10-13
ORGANIZATION	
CERTIFIED BY	
DATE	

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
01-10-13	1331	1400

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

Observer's Name (Print): Eric Gregorius

Observer's Signature: Eric Gregorius — Date: 01-10-13

Organization

Certified by — Date

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC			
Location: Floyd Bennett Field			
City: Brooklyn	State: NY	Zip:	
Process Equipment: Air curtain burner #2		Operating Mode: ON	
Control Equipment:		Operating Mode:	

Describe Emission Point: open container

Height of Emission Point: 12 ft	Height Relative to Observer: Start 12 ft End
Distance to Emission Point: Start 200 ft End	Direction to Emission Point: Start End
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End

Describe Emissions: Start greyish colored smoke End

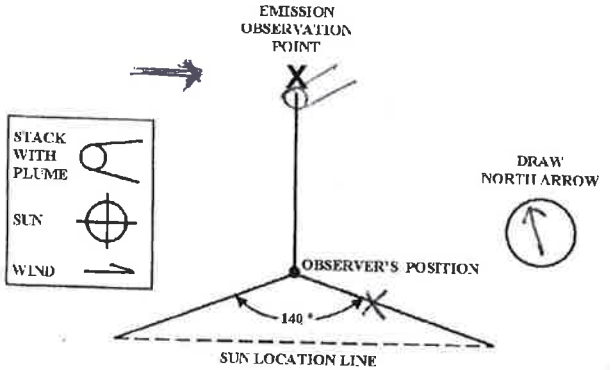
Emission Color: Start grey End	If Water Droplet Plume (Circle): Attached Detached (N/A)

Point In The Plume At Which Opacity Was Determined: Start 10 ft above container End

Describe Plume Background: Start night sky End

Background Color: Start black End	Sky Condition: Start End	
Wind Speed: Start 6 mph End	Wind Direction: Start NNW End	
Ambient Temp: Start 44 End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Additional Information:

Observation Date: 1-10-13	Start Time: 1800	End Time: 1830

Min \ Sec	0	15	30	45	Comments
1	15	20	20	15	
2	15	10	10	10	
3	10	5	5	5	
4	5	10	5	5	
5	10	10	5	5	
6	5	5	5	5	
7	5	5	5	5	
8	5	5	10	10	
9	10	5	5	5	
10	5	5	5	5	
11	5	10	5	10	
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	10	10	15	loaded wood branches
20	15	15	10	10	
21	10	5	5	5	
22	5	10	10	10	
23	10	5	5	5	
24	5	5	5	5	
25	5	5	5	5	
26	5	10	5	5	
27	5	5	10	10	
28	15	10	5	5	
29	5	5	5	5	
30	5	5	5	5	

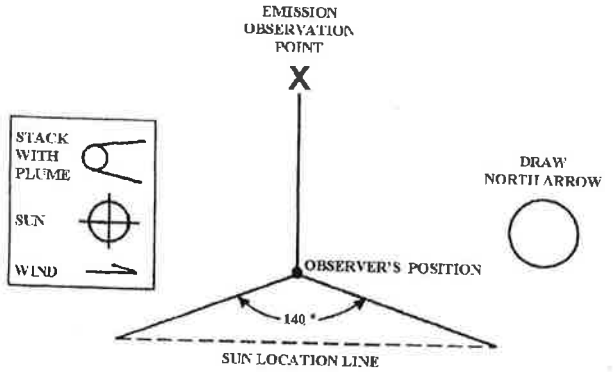
Observer's Name (Print): Daniel E. Phelan	
Observer's Signature: Daniel E Phel	Date: 1-10-13
Organization: NYCDEP	
Certified by: Whitlow Enterprises Inc	Date: 12-27-13

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC			
Location: Floyd Bennett Field			
City: BKlyn	State: NY	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
1-10-13	1830	1900

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

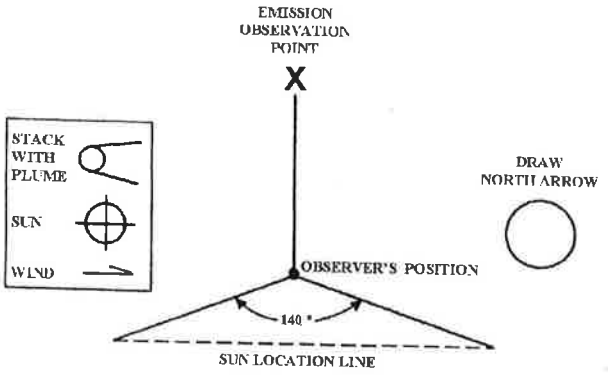
Observer's Name (Print): Daniel E. Phelan	
Observer's Signature: Daniel E Phelan	Date: 1-10-13
Organization: NYCDEP	
Certified by	Date

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: Floyd Bennett Field		
City: Bklyn	State: NY	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: 1-10-13	Start Time: 1901	End Time: 1930

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

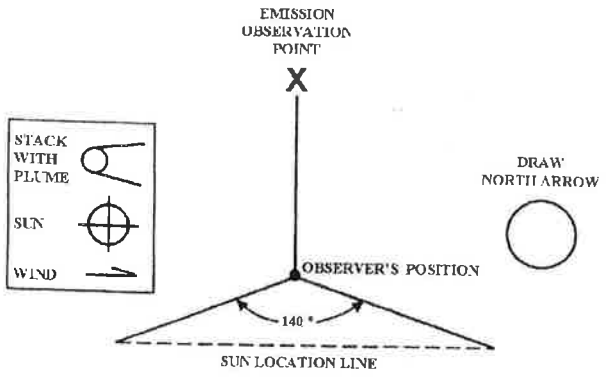
Observer's Name (Print): Daniel E. Phelan		
Observer's Signature: Daniel E Phelan		Date: 1-10-13
Organization: NYCDEP		
Certified by		Date

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
1-10-13	1931	2000

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

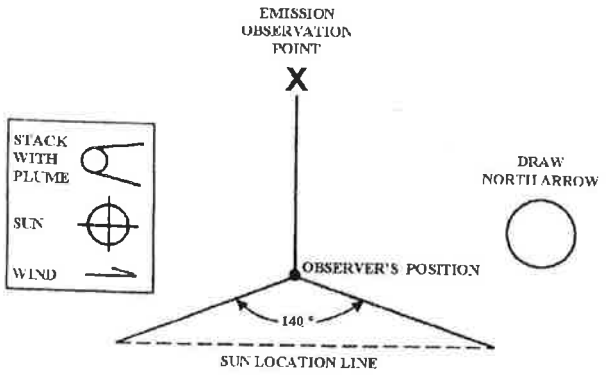
Observer's Name (Print)	
Observer's Signature	Date
Organization	
Certified by	Date

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FBF		
City: Bklyn	State: NY	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
1-10-13	2001	2030

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

Observer's Name (Print): Daniel E Phelan	
Observer's Signature: Daniel E Phelan	Date: 1-10-13
Organization: NYCDEP	
Certified by	Date

Continue on reverse side

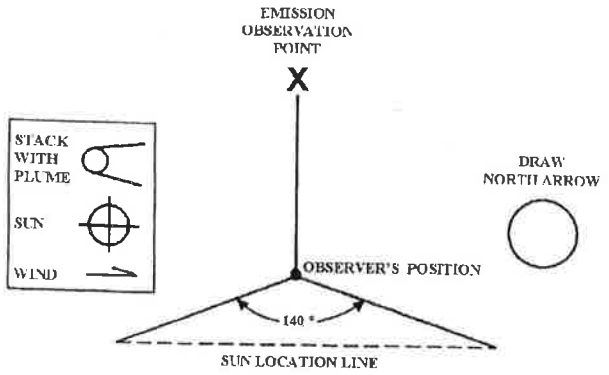
VISIBLE EMISSION OBSERVATION FORM

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

Observation Date	Start Time	End Time
1-10-13	2031	2100

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

SOURCE LAYOUT SKETCH



Observer's Name (Print): Daniel E Phelan	
Observer's Signature: Daniel E Phelan	Date: 1-10-13
Organization: NYCDEP	
Certified by	Date

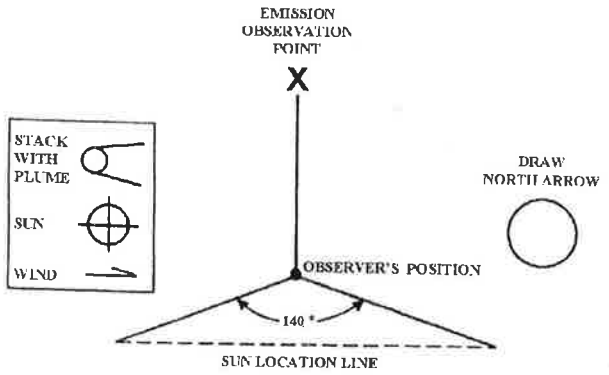
Additional Information

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FBF		
City: BKlyn	State: NY	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
1-10-13	2101	2130

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

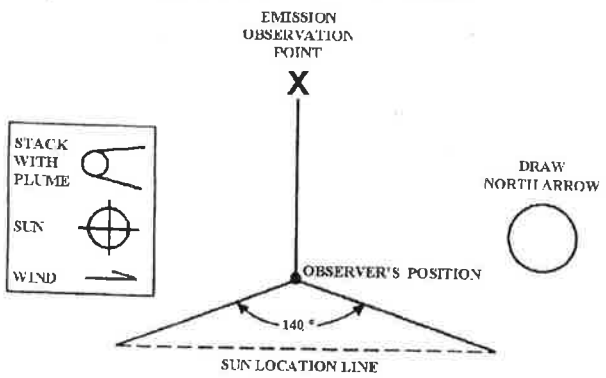
Observer's Name (Print): Daniel E. Phelan	
Observer's Signature: Daniel Ehrl	Date: 1-10-13
Organization: NYCDEP	
Certified by	Date

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FBF		
City: Bklyn	State: NY	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
1-10-13	2131	2200

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

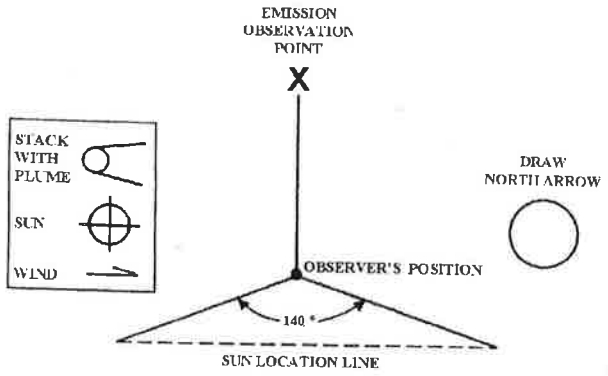
Observer's Name (Print): Daniel E Phelan	
Observer's Signature: Daniel E Phelan	Date: 1-10-13
Organization: NYCDEP	
Certified by	Date

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FBF		
City: Bklyn	State: NY	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
1-10-13	2201	2230

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

Observer's Name (Print): Daniel E. Phelan	
Observer's Signature: Daniel E Phelan	Date: 1-10-13
Organization: NYCDEP	
Certified by	Date

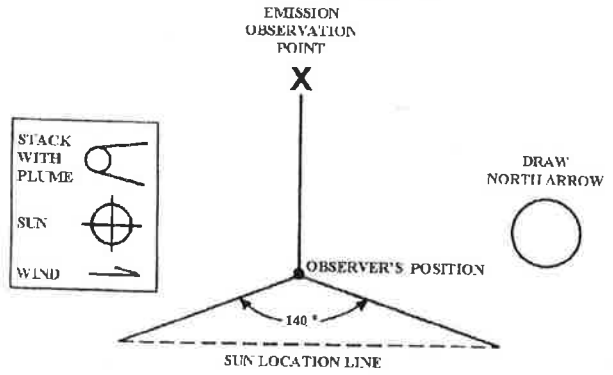
Continue on reverse side

10

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FBF		
City: Bklyn	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
1-10-13	2231	2300

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

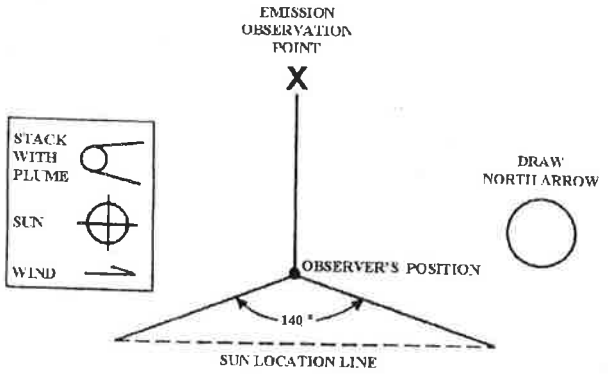
Observer's Name (Print): Daniel E. Phelan	
Observer's Signature: Daniel E Phelan	Date: 1-10-13
Organization: NYCDEP	
Certified by	Date

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FBF		
City: BKlyn	State: NY	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
1-10-13	2301	2330

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

Observer's Name (Print): Daniel E Phelan

Observer's Signature: Daniel E Phe | Date: 1-10-13

Organization: NYCDEP

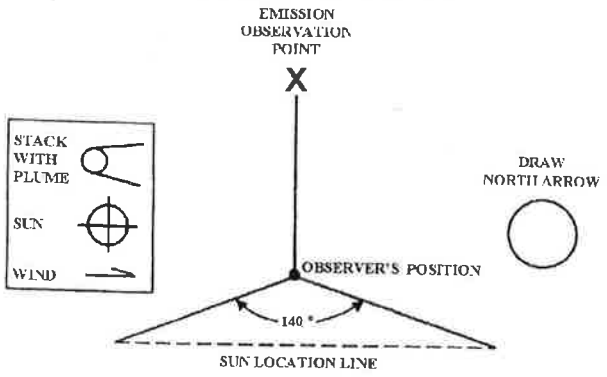
Certified by | Date

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FBF		
City: Bklyn	State: NY	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
1-10-13	2331	2400

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	
2	5	5	5	10	
3	5	10	10	5	
4	5	5	10	5	
5	5	10	5	5	
6	10	15	10	5	
7	5	5	5	5	
8	5	5	10	10	
9	10	5	5	10	
10	10	15	10	15	
11	15	10	15	10	
12	10	10	5	5	
13	10	5	5	10	
14	5	5	5	5	
15	5	10	5	5	
16	5	5	5	5	
17	10	5	5	5	
18	5	5	10	10	
19	10	10	5	5	
20	5	10	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	10	10	
29	5	5	5	5	
30	5	5	10	5	

Observer's Name (Print): Daniel E. Phelan	
Observer's Signature: Daniel E. Phelan	Date: 1-10-13
Organization: NYCDEP	
Certified by	Date

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FBF		
City: Bklyn	State: NY	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

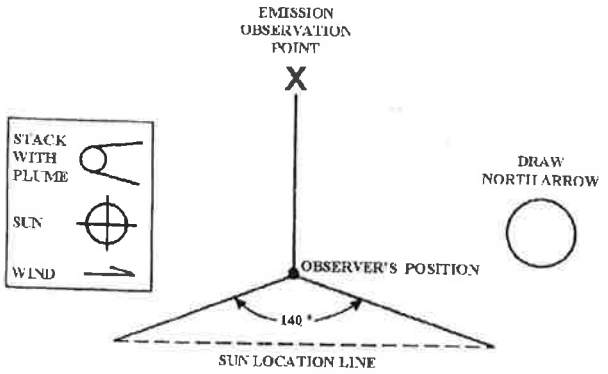
Start / End

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
1-11-13	0001	0030

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

Observer's Name (Print): Daniel E. Phelan	
Observer's Signature: Daniel E Phelan	Date: 1-11-13
Organization: NYCDEP	
Certified by	Date

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: F.B.F.		
City: Bklyn	State: NY	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

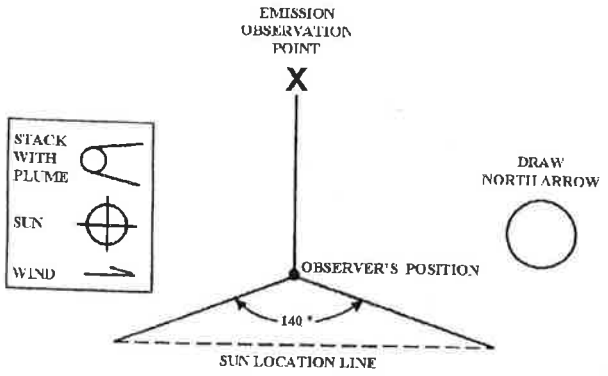
Start / End

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
1-11-13	0031	0100

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

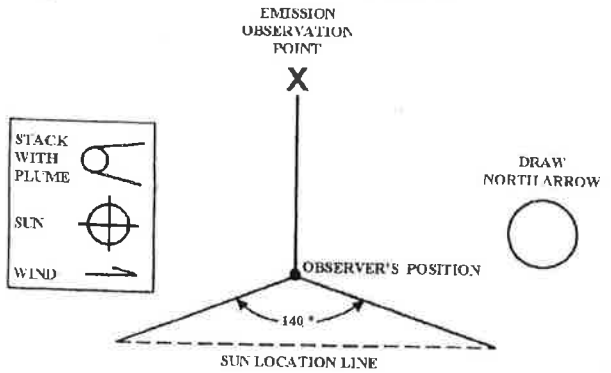
Observer's Name (Print): Daniel E. Phelan	
Observer's Signature: Daniel E Phelan	Date: 1-11-13
Organization: NYCDEP	
Certified by	Date

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FBF		
City: Bklyn	State: NY	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
1-11-13	0101	0130

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

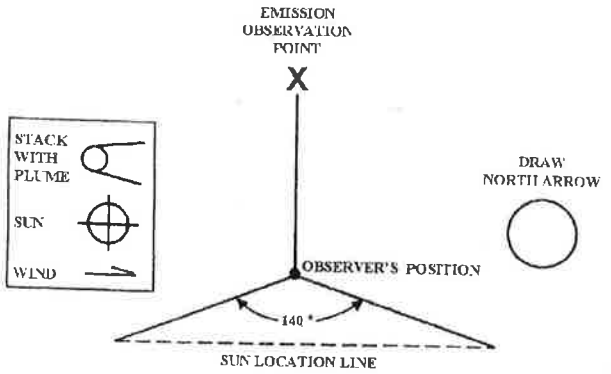
Observer's Name (Print): Daniel E Phelan	
Observer's Signature: Daniel Phelan	Date: 1-11-13
Organization: NYCDEP	
Certified by	Date

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FBF		
City: Bklyn	State: NY	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
1-11-13	0131	0200

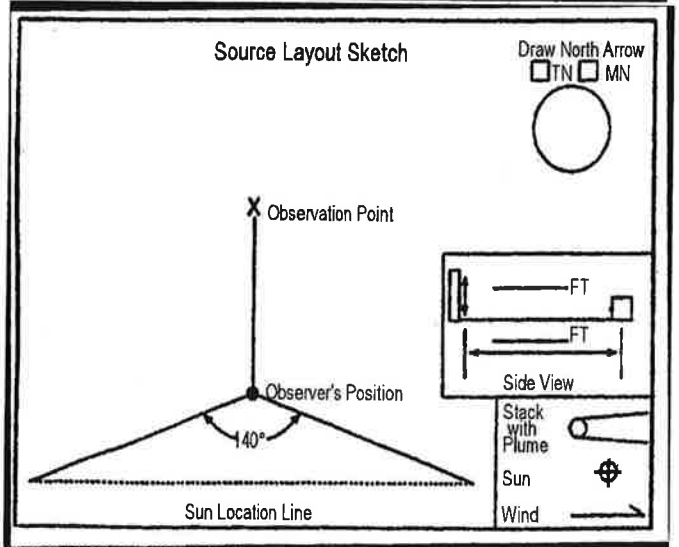
Min \ Sec	0	15	30	45	Comments
1	5	5	10	5	
2	5	5	5	5	
3	10	10	5	10	
4	10	5	5	5	
5	10	5	5	5	
6	5	5	5	5	
7	5	10	10	10	
8	10	10	5	5	
9	5	5	5	5	
10	5	5	10	10	
11	10	15	10	10	
12	5	5	5	5	
13	5	5	5	5	
14	5	5	5	5	
15	10	10	5	5	
16	5	10	10	10	
17	10	10	5	5	
18	5	5	5	10	
19	5	5	10	10	
20	15	15	10	10	
21	10	15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

Observer's Name (Print): Daniel E. Phelan	
Observer's Signature: Daniel E Phelan	Date: 1-11-13
Organization: NYCDEP	
Certified by	Date

Continue on reverse side

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

COMPANY NAME: ECC		
LOCATION: FLOYED 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



ADDITIONAL INFORMATION

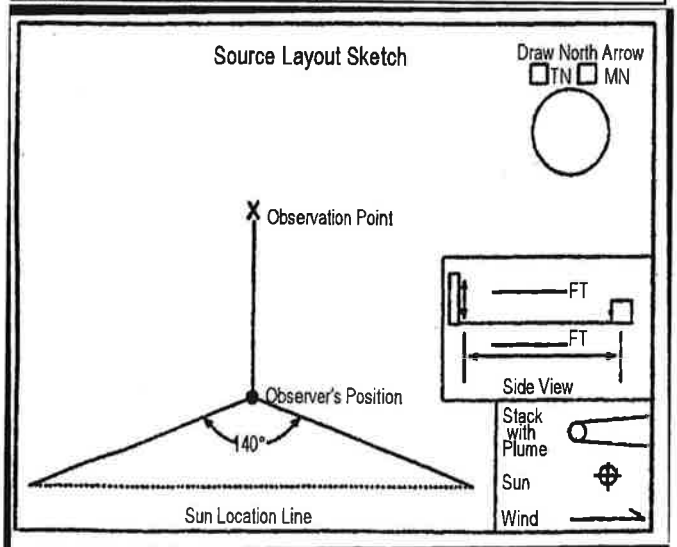
OBSERVATION DATE	START TIME	END TIME
	230	300

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

OBSERVER'S NAME (PRINT): H. Hajari	
OBSERVER'S SIGNATURE	DATE: 1/10/13
ORGANIZATION: N.Y.C D.E.P	
CERTIFIED BY	DATE

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

COMPANY NAME: ECC		
LOCATION: LOWER BOWERY 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
1/10/13	300	330

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

OBSERVER'S NAME (PRINT): Hillyar	
OBSERVER'S SIGNATURE:	DATE: 1/10/13
ORGANIZATION: NYC DEP	
CERTIFIED BY:	DATE:

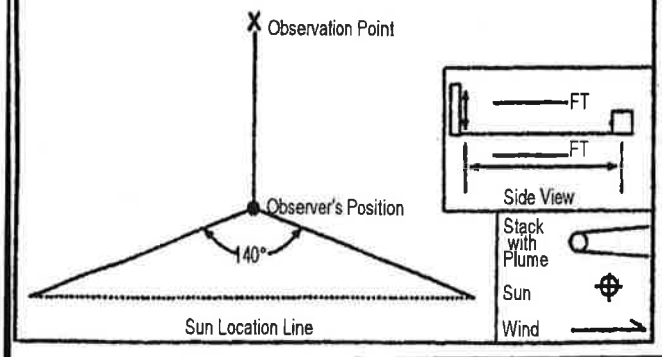
EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME: ECC		
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

Draw North Arrow ☐TN ☐MN



ADDITIONAL INFORMATION

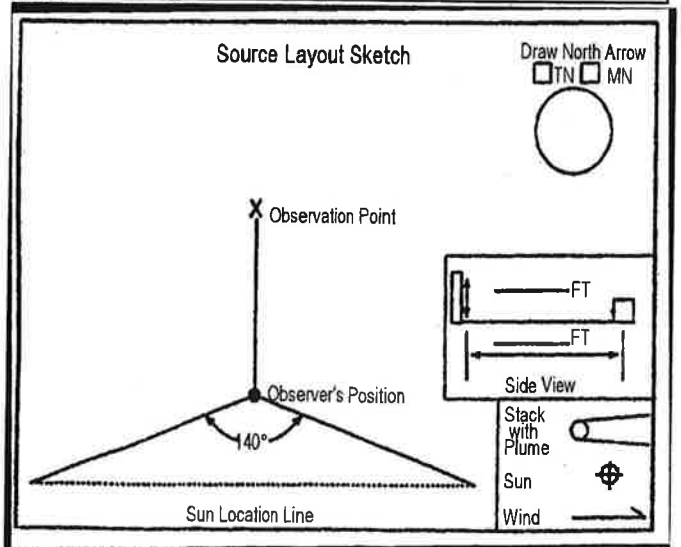
OBSERVATION DATE	START TIME	END TIME
1/10/13	330	400

SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	No Loading
2	5	5	5	5	
3	5	5	10	5	
4	5	5	5	5	
5	5	5	5	5	
6	5	5	5	5	
7	5	5	5	5	
8	10	5	10	10	
9	15	15	10	15	Loading
10	10	15	15	15	
11	15	10	15	15	
12	15	20	15	15	
13	15	10	15	20	
14	20	15	15	10	
15	10	5	5	10	
16	10	5	5	5	not 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	
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): N. Hayard	
OBSERVER'S SIGNATURE	DATE: 1/10/13
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: Brooklyn		
CITY: B. lc	STATE: WY	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
1/10/13	4:00	4:30

SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	10	
2	5	10	5	5	
3	10	10	15	15	Loading
4	15	20	20	15	
5	20	15	10	15	
6	15	15	15	15	
7	10	5	10	10	
8	5	5	10	5	n.T 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	10	5	10	
21	5	5	10	10	
22	10	10	10	10	loading
23	10	15	10	10	
24	15	15	10	15	
25	15	15	15	15	
26	15	10	10	5	
27	10	5	5	5	n.T loading
28	5	5	5	5	
29	5	5	5	5	
30	5	5	5	5	

OBSERVER'S NAME (PRINT): I. Hayati	
OBSERVER'S SIGNATURE:	DATE: 1/10/13
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: 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

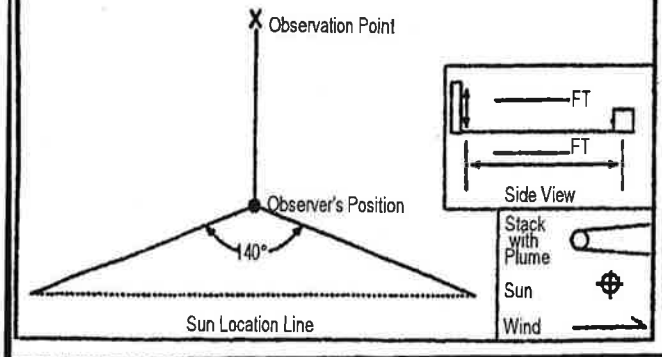
EMISSION COLOR: START / END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐

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

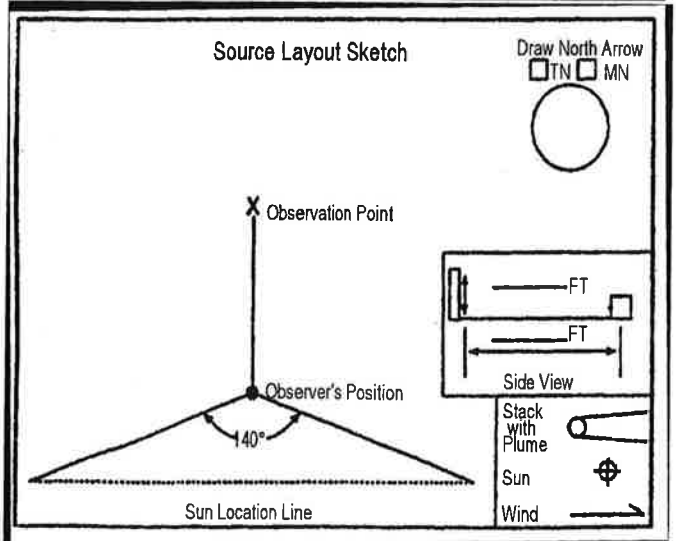
OBSERVATION DATE	START TIME	END TIME
1/10/13	1:30	5:00

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

OBSERVER'S NAME (PRINT): W. Hayari	
OBSERVER'S SIGNATURE	DATE: 1/10/13
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: 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:



ADDITIONAL INFORMATION:

OBSERVATION DATE	START TIME	END TIME
1/10/13	5	530

SEC / MIN	0	15	30	45	COMMENTS
1	10	15	20	20	LOADING
2	20	20	25	20	
3	20	15	20	20	
4	15	20	20	15	
5	15	10	15	15	
6	10	10	10	15	
7	10	15	10	15	not loading
8	10	15	10	15	
9	10	10	10	10	
10	10	15	10	10	
11	10	10	10	10	
12	10	5	5	5	
13	5	5	10	5	
14	5	5	5	5	
15	5	5	5	5	
16	10	10	15	10	loading
17	15	20	20	15	
18	20	15	15	15	not loading
19	10	10	15	10	
20	10	10	10	10	
21	10	10	10	10	
22	10	5	10	15	
23	10	10	5	5	
24	5	10	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): B. Hajari	
OBSERVER'S SIGNATURE:	DATE: 1/10/13
ORGANIZATION: NYC DEP	
CERTIFIED BY:	DATE:

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

8

COMPANY NAME: ECC		
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	

Source Layout Sketch

Draw North Arrow ☐TN ☐ MN

X Observation Point

Observer's Position

140°

Sun Location Line

FT

FT

Side View

Stack with Plume

Sun

Wind

ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
1/10/13	530	600

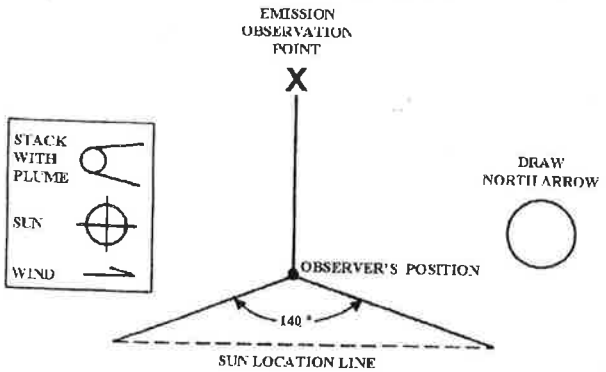
MIN \ SEC	0	15	30	45	COMMENTS
1	5	5	5	5	not loading
2	5	5	5	5	
3	5	5	5	5	
4	5	10	10	5	
5	10	5	5	10	
6	10	10	10	10	
7	10	10	10	10	
8	5	5	5	5	
9	5	5	5	5	
10	5	5	5	5	
11	5	5	5	5	
12	5	5	5	5	
13	5	5	5	5	
14	5	5	5	5	
15	5	10	10	5	
16	10	10	5	5	loading
17	10	10	10	10	
18	15	15	15	15	
19	15	10	15	20	
20	15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

OBSERVER'S NAME (PRINT): H. Hagen	
OBSERVER'S SIGNATURE	DATE: 1/10/13
ORGANIZATION: N.Y.C 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
Unit #1 Down For Repairs

Observation Date	Start Time	End Time
01-10-13	0700	0730

Min \ Sec	0	15	30	45	Comments
1	10	10	10	10	Unit #2 Feeding Wood
2	10	10	10	10	" "
3	10	10	10	10	
4	10	10	10	10	
5	10	10	10	10	
6	5	5	5	5	
7	5	5	5	5	
8	10	10	10	10	
9	5	5	5	5	
10	5	5	5	5	
11	10	10	10	10	Start
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	X
23	5	5	5	5	X
24	5	5	5	5	X
25	5	5	5	5	X
26	5	5	0	0	X
27	0	0	0	0	X
28	5	5	5	5	X
29	5	5	5	5	
30	5	5	5	5	

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01-10-13
Organization	
Certified by	Date
Continue on reverse side	

(2)

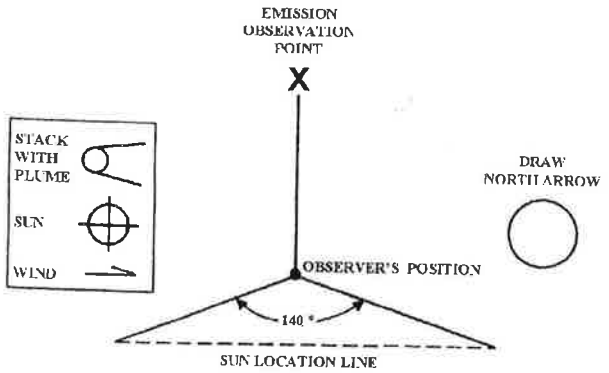
VISIBLE EMISSION OBSERVATION FORM

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

Observation Date	Start Time	End Time
01-10-13	0731	0800

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

SOURCE LAYOUT SKETCH



Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01-10-13
Organization	
Certified by	Date

Additional Information

Unit #1 Down for Repairs

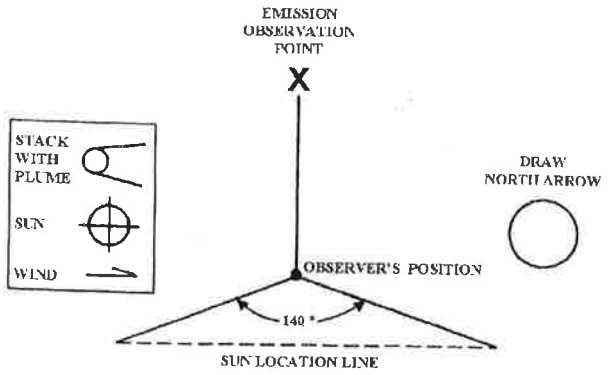
Continue on reverse side

(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



Observation Date: 01-10-13 | Start Time: 0800 | End Time: 0830

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01-10-13
Organization	
Certified by	Date

Additional Information: Unit #1 Down for Repairs

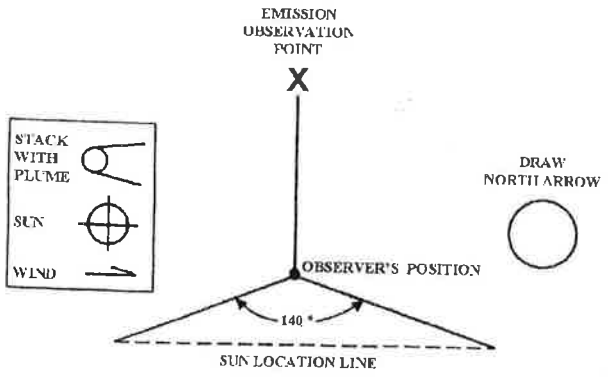
Continue on reverse side

(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



Observation Date: 01-10-13 | Start Time: 0831 | End Time: 0900

Min \ Sec	0	15	30	45	Comments
1	5	5	10	10	Stir
2	5	5	5	5	
3	5	5	5	5	
4	5	10	5	5	Add wood
5	5	5	5	5	
6	5	5	5	5	
7	5	5	5	0	
8	0	0	0	5	
9	5	5	5	5	
10	5	5	0	0	
11	0	0	5	10	Stir
12	5	5	5	5	
13	10	5	5	5	Stir
14	5	5	5	5	
15	5	5	10	10	Add wood
16	5	5	10	10	
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	0	0	0	0	
23	0	0	0	0	
24	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	5	5	5	5	
29	0	0	0	0	
30	0	0	0	0	

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01-10-13
Organization	
Certified by	Date

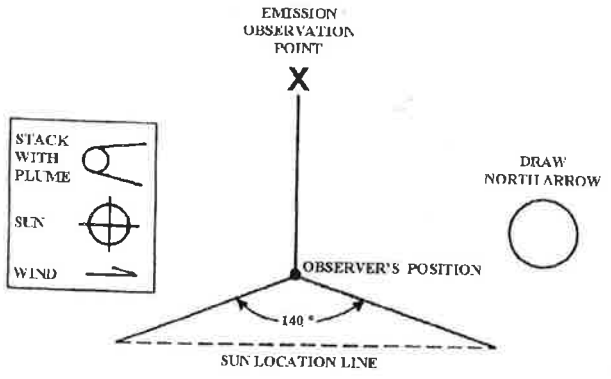
Additional Information

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
01-10-13	0900	0930

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01-10-13
Organization	
Certified by	Date

Continue on reverse side

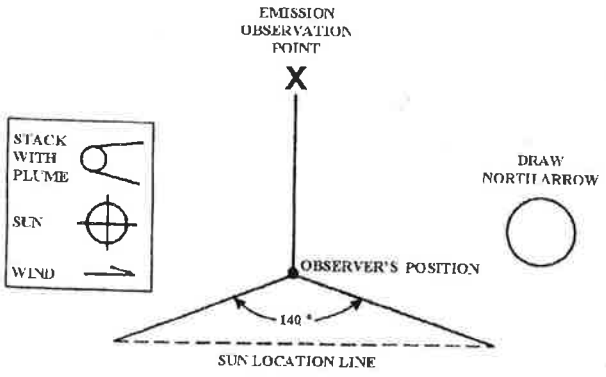
VISIBLE EMISSION OBSERVATION FORM

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

Observation Date	Start Time	End Time
01-10-13	0931	1000

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

SOURCE LAYOUT SKETCH



Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01-10-13
Organization	
Certified by	Date

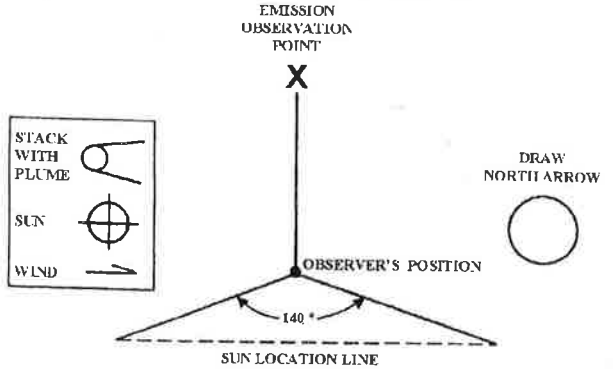
Additional Information

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
01·10·13	1001	1030

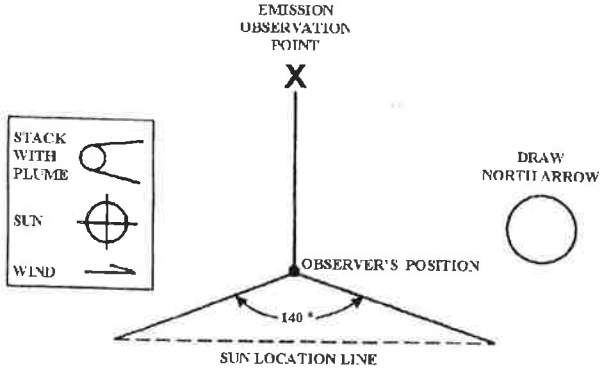
Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	Add wood
2	5	5	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	5	5	5	5	
8	5	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
15	0	0	0	0	
16	0	0	0	0	
17	0	0	5	10	Add wood & stir
18	10	10	5	5	stir
19	10	5	5	5	Addwood & stir
20	5	5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

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01·10·13
Organization	
Certified by	Date
Continue on reverse side	

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
01-10-13	1031	1100

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

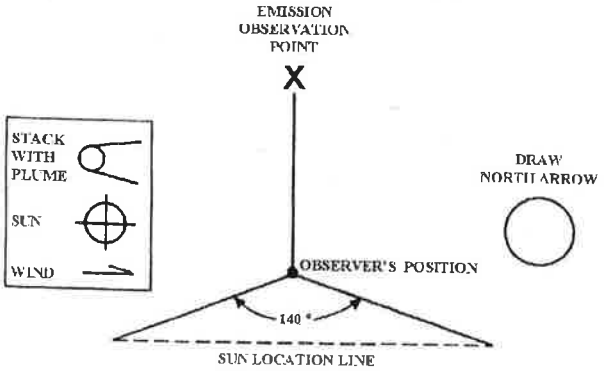
Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01-10-13
Organization	
Certified by	Date

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
01-10-13	1101	1130

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

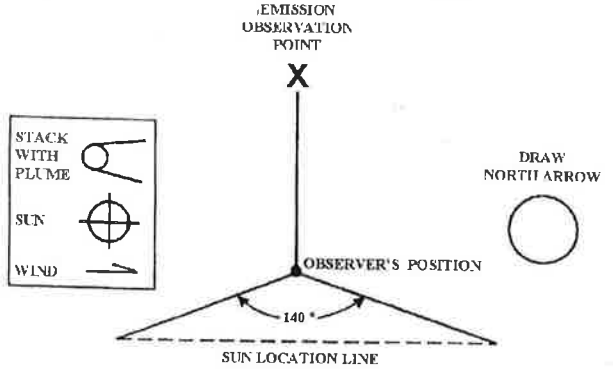
Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01-10-13
Organization	
Certified by	Date

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
	1131	1200

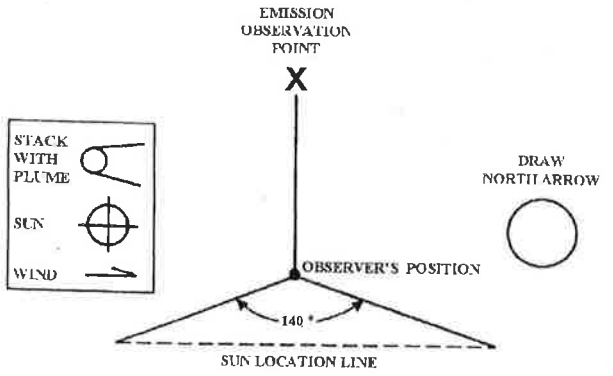
Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	Add wood
2	5	5	5	5	
3	10	10	10	5	Add wood
4	5	5	5	5	
5	5	5	5	5	
6	5	5	5	5	
7	5	5	5	5	
8	5	5	5	5	
9	5	5	5	5	
10	5	5	5	5	
11	5	5	5	5	
12	5	10	10	5	Add wood
13	5	5	5	5	
14	5	5	5	10	Add wood
15	10	10	10	5	
16	5	5	5	5	
17	5	5	5	5	
18	10	10	5	5	Add wood
19	5	5	5	5	
20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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01-10-13
Organization	
Certified by	Date
Continue on reverse side	

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
01-10-13	1201	1230

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	10	10	10	10	Add wood & stir
9	15	15	10	10	" " "
10	10	10	10	5	stir
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					Brake
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01-10-13
Organization	
Certified by	Date

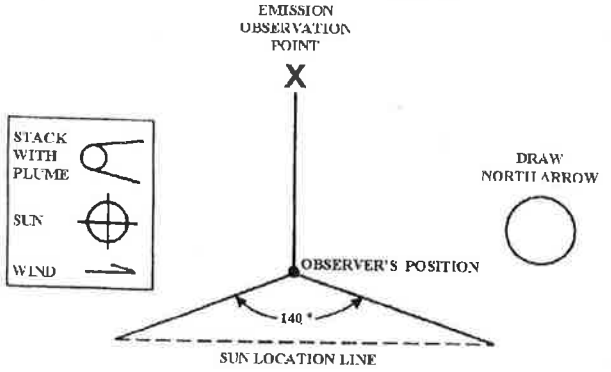
Continue on reverse side

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



Observation Date	Start Time	End Time
	1231	1300

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

Observer's Name (Print)	
Observer's Signature	Date
Organization	
Certified by	Date
Continue on reverse side	

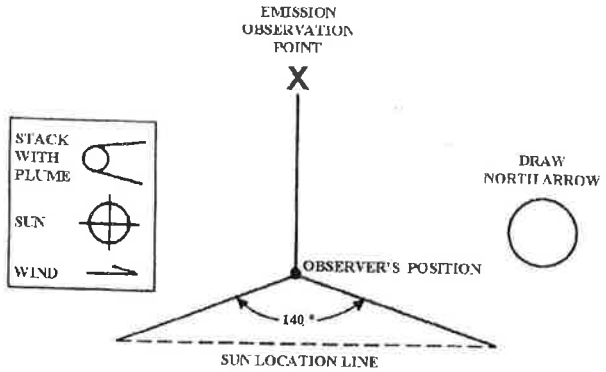
Additional Information

1200

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
Unit #1 Down for Repairs

Observation Date: 01-10-13 | Start Time: 1301 | End Time: 1330

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	5	5	stir
15	5	5	5	5	"
16	0	0	5	5	Add wood
17	5	5	5	5	" "
18	5	5	5	5	Add wood
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	stir
26	5	5	5	5	Add wood
27	5	5	5	5	" "
28	5	5	5	5	
29	5	5	5	5	
30	5	5	5	5	

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 01-10-13
Organization	
Certified by	Date

Continue on reverse side