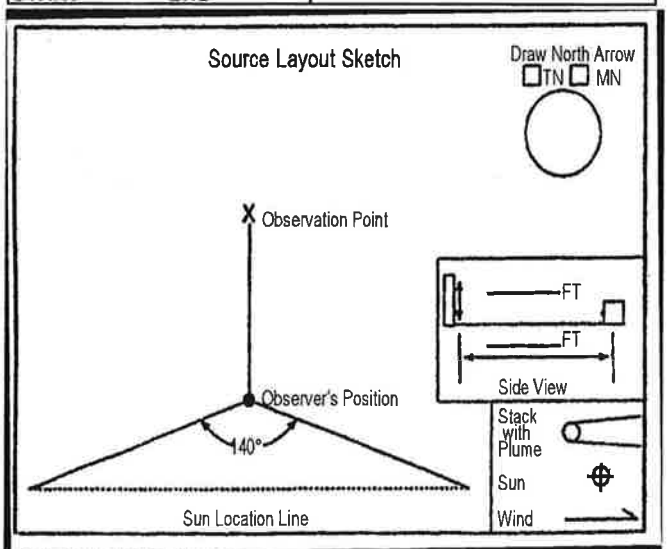
EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME	ECC
LOCATION	F.B.F.
LOCATION	
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	NIGHT START END
WIND SPEED	START END
WIND DIRECTION	N.W. START END
AMBIENT TEMP	START END
WET BULB TEMP	RH percent



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
1/15/13	0230	0300

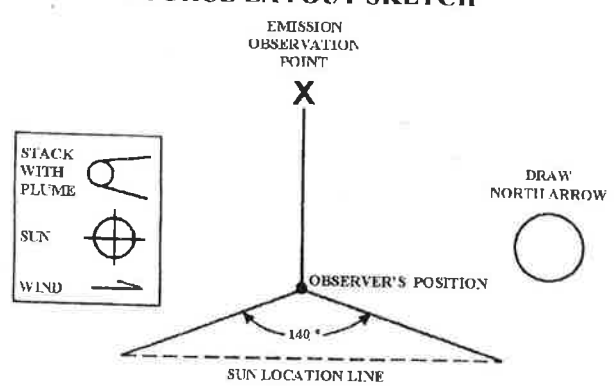
MIN \ SEC	0	15	30	45	COMMENTS
1	5	10	5	5	LOADING
2	5	5	5	5	
3	5	5	5	10	
4	5	5	5	5	
5	5	5	5	5	
6	5	10	10	5	
7	5	5	5	5	
8	10	10	5	5	
9	5	5	10	10	
10	5	5	5	10	
11	5	5	5	5	
12	10	5	5	10	
13	5	5	5	5	
14	5	10	5	5	
15	5	5	10	5	
16	5	5	10	5	
17	5	5	5	5	
18	5	5	10	5	
19	5	5	5	5	
20	10	10	10	10	
21	5	5	10	5	
22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

OBSERVER'S NAME (PRINT)	JOE ACUSTA
OBSERVER'S SIGNATURE	JA
DATE	1/15/13
ORGANIZATION	NYC 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



Observation Date	Start Time	End Time
01-15-13	1231	1300

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

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01-15-13
Organization	
Certified by	Date

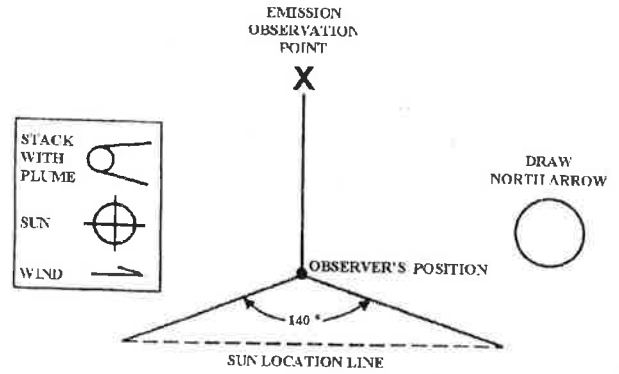
Additional Information

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



Observation Date	Start Time	End Time
01·15·13	1301	1330

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1 5·5·5·5
2	5	5	5	5	5·5·5·5
3	5	5	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	5·5·10·10
8	5	5	5	5	10·5·5·5
9	0	0	0	0	5·5·5·5
10	0	0	0	0	#1 10·5·5·5
11	0	0	0	0	0·0·0·0
12	0	0	0	0	5·5·5·5
13	0	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	10	5	5·5·5·5
20	5	5	5	5	#1 5·5·5·5
21	0	0	0	0	5·5·5·5
22	0	0	0	0	5·5·5·5
23	5	5	5	5	5·5·5·5
24	5	5	5	5	5·5·5·5
25	10	5	10	5	#1 5·5·5·5
26	10	5	5	10	5·0·0·0
27	5	5	5	5	5·5·0·0
28	5	5	5	5	0·0·0·0
29	5	5	5	5	0·5·5·5
30	5	5	5	5	#1 5·5·5·5

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01·15·13
Organization	
Certified by	Date

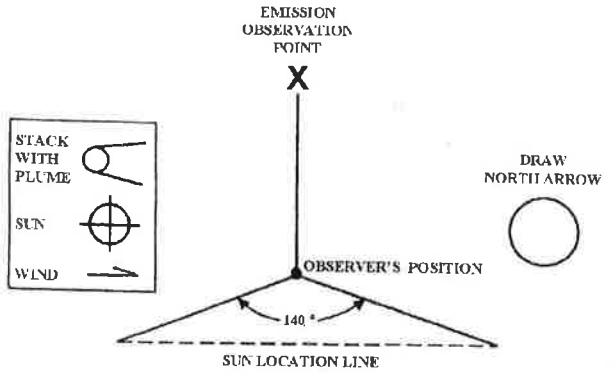
Additional Information

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



Observation Date	Start Time	End Time
01-15-13	1331	1400

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

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01-15-13
Organization	
Certified by	Date

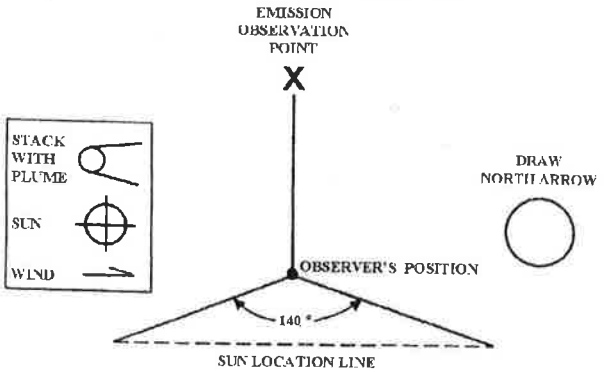
Additional Information

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



Observation Date	Start Time	End Time
01·15·13	1500	1530

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

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01·15·13
Organization	
Certified by	Date

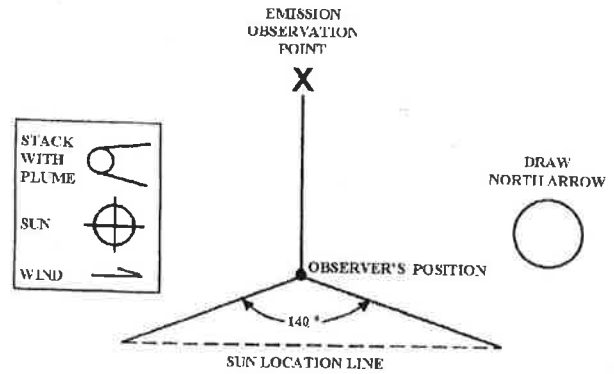
Additional Information

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



Observation Date	Start Time	End Time
01-15-13	1531	1600

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

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01-15-13
Organization	
Certified by	Date

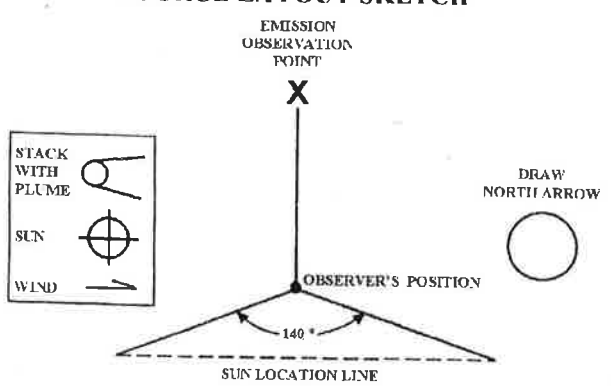
Additional Information

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



Observation Date	Start Time	End Time
01-15-13	1601	1630

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

Observer's Name (Print) Eric Gregoriu's	
Observer's Signature Eric Gregoriu's	Date 01-15-13
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	
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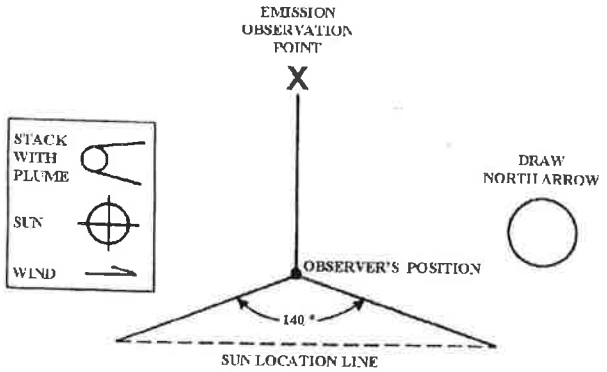
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
01·15·13	1631	1700

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

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01·15·13
Organization	
Certified by	Date

Additional Information

Continue on reverse side

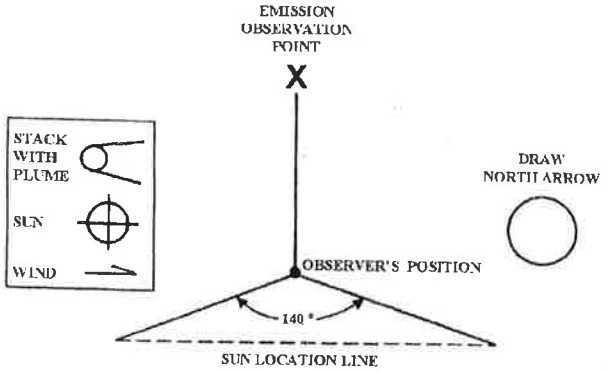
VISIBLE EMISSION OBSERVATION FORM

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

Observation Date	Start Time	End Time
01-15-13	1701	1730

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

SOURCE LAYOUT SKETCH



Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01-15-13
Organization	
Certified by	Date

Continue on reverse side

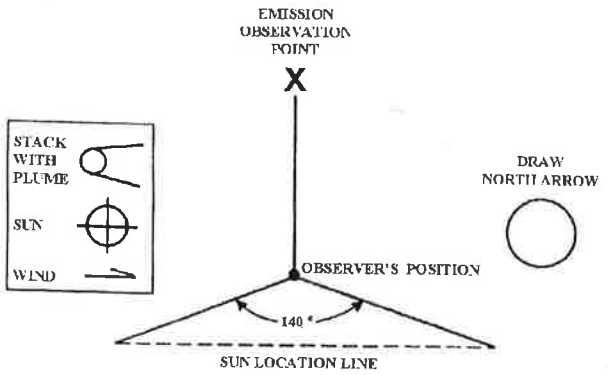
Additional Information

1725 #2 Turn off & #1 Turn off
Blower Blower

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
01-15-13	1731	1800

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

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01-15-13
Organization	
Certified by	Date

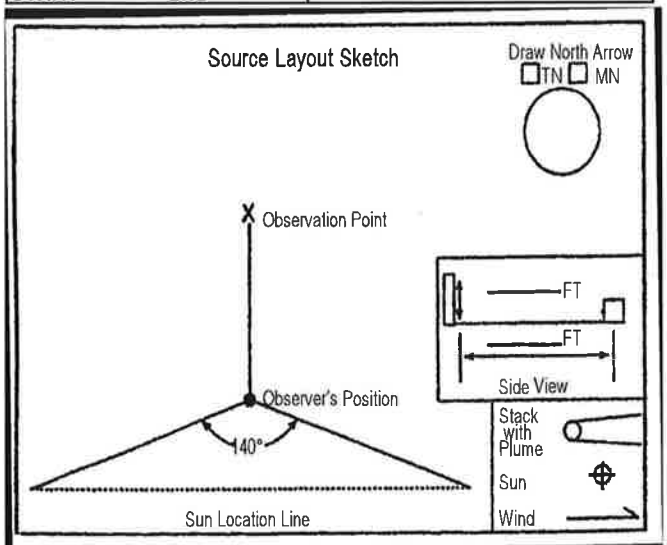
Additional Information

1740 Turn off Engines #1 & #2

Continue on reverse side

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

COMPANY NAME	ECC
LOCATION	FBF
LOCATION	Bklyn
CITY	STATE NY / ZIP
PROCESS EQUIPMENT	OPERATING MODE
CONTROL EQUIPMENT	FIRE Curtain / OPERATING MODE ON
DESCRIBE EMISSION POINT	
HEIGHT OF EMISSION POINT	10' - 12' / HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER START END
DISTANCE TO EMISSION POINT	100' START END / DIRECTION TO EMISSION PT. (DEGREES (0-360)) START END
VERTICAL ANGLE TO OBSERVATION POINT	90° START END / DIRECTION TO OBSERVATION POINT (DEGREES (0-360)) START END
DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT	START END
DESCRIBE EMISSIONS	Smoke START END
EMISSION COLOR	Grey START END / WATER DROPLET PLUME ATTACHED ☐ DETACHED ☐ NONE ☐
DESCRIBE PLUME BACKGROUND	Light START END
BACKGROUND COLOR	START END / SKY CONDITIONS RAIN START END
WIND SPEED	0-2 MPH START END / WIND DIRECTION E START END
AMBIENT TEMP START END	WET BULB TEMP / RH percent



ADDITIONAL INFORMATION

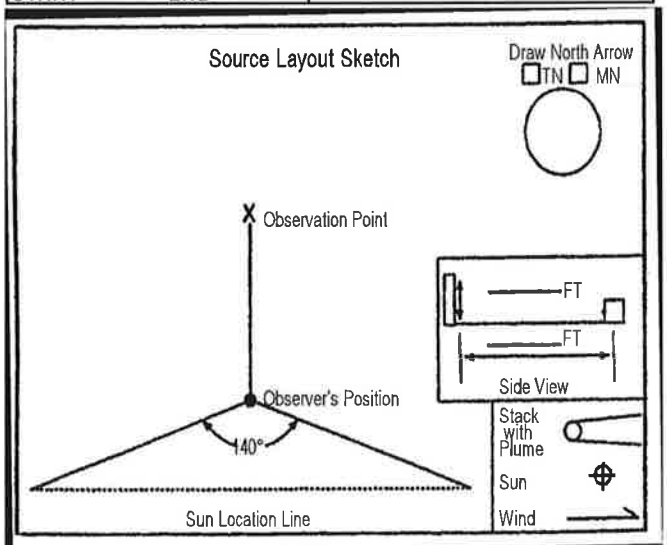
OBSERVATION DATE	START TIME	END TIME
1/15/13	0130	0200

MIN \ SEC	0	15	30	45	COMMENTS
1	5	5	5	5	
2	0	0	0	0	
3	0	5	5	5	LOADING
4	5	5	5	5	
5	5	5	5	5	
6	5	5	5	5	"
7	10	10	5	5	
8	5	10	10	10	LOADING
9	10	10	5	5	
10	5	5	5	5	
11	10	10	10	10	WIND
12	10	10	10	10	OUT OF THE
13	5	5	5	5	EAST
14	5	5	5	5	0-2 MPH
15	0	0	0	0	
16	5	10	10	10	STOKING
17	5	5	5	5	
18	5	5	0	0	
19	5	5	5	5	
20	10	10	10	10	
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

OBSERVER'S NAME (PRINT)	JOSEPH SCAFIDI
OBSERVER'S SIGNATURE	Joseph Scafidi / DATE 1-15-13
ORGANIZATION	
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	



ADDITIONAL INFORMATION

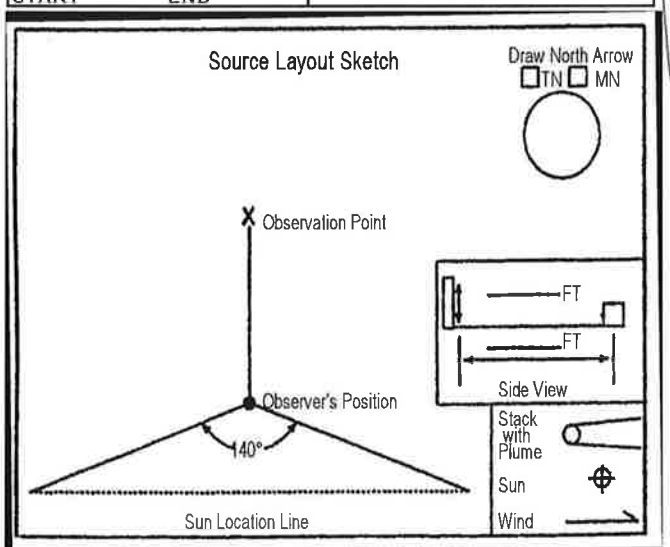
OBSERVATION DATE	START TIME	END TIME
	0100	0130

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

OBSERVER'S NAME (PRINT)	
OBSERVER'S SIGNATURE	DATE
ORGANIZATION	
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



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
1-15-13	0030	0100

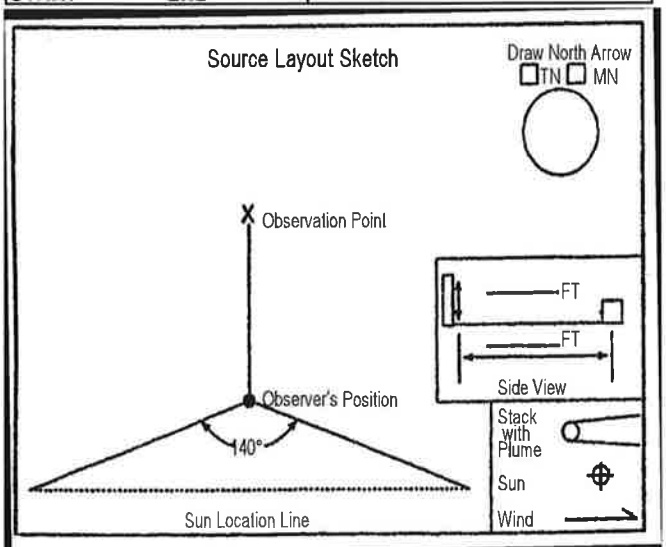
MIN \ SEC	0	15	30	45	COMMENTS
1	5	5	5	5	
2	5	5	5	5	STOKE
3	5	5	5	5	
4	5	5	5	5	
5	5	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	5	5	5	5	LOADING
9	5	5	5	5	STOKING
10	5	5	5	5	
11					
12					
13					
14					
15					LOADING
16	10	10	10	10	
17	10	10	10	15	
18	15	15	15	10	
19	10	10	5	5	
20	5	5	5	5	
21					
22					
23	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

#2

OBSERVER'S NAME (PRINT)	
OBSERVER'S SIGNATURE	DATE
ORGANIZATION	
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	



ADDITIONAL INFORMATION

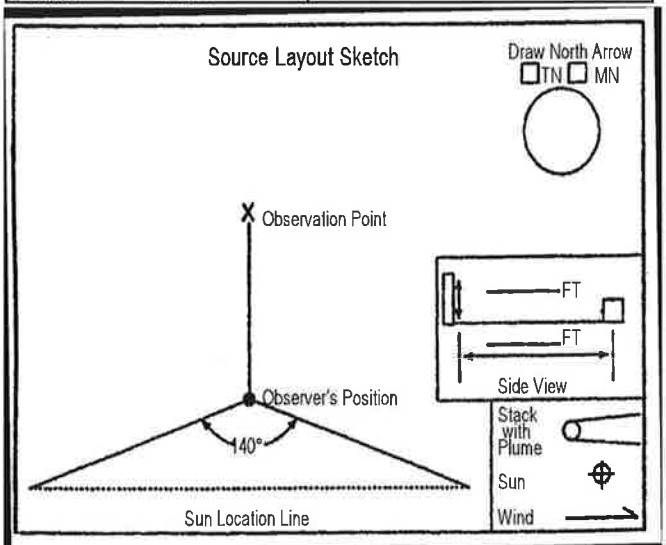
OBSERVATION DATE	START TIME 0000	END TIME 0030

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

OBSERVER'S NAME (PRINT)	
OBSERVER'S SIGNATURE	DATE
ORGANIZATION	
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	



ADDITIONAL INFORMATION

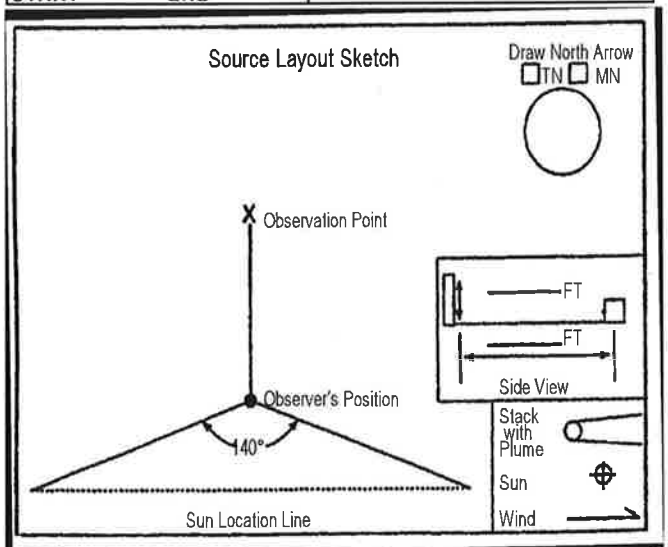
OBSERVATION DATE	START TIME	END TIME
1/14/13	2330	2400

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

OBSERVER'S NAME (PRINT)	
OBSERVER'S SIGNATURE	DATE
ORGANIZATION	
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	



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
1/14/13	2300	2330

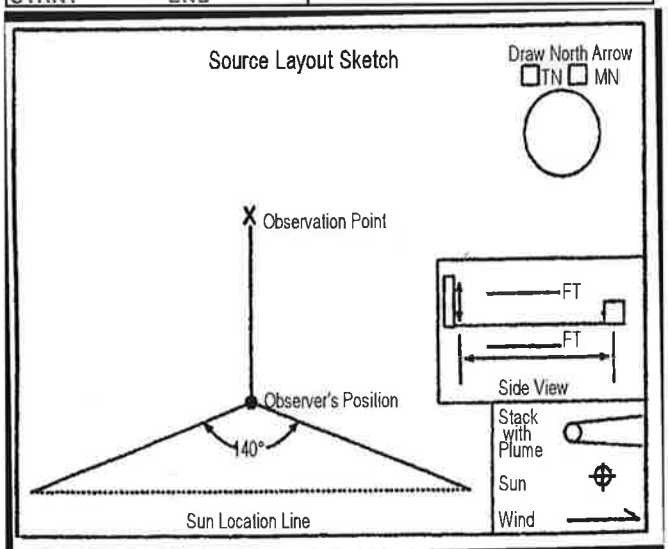
MIN \ SEC	0	15	30	45	COMMENTS
1	15	20	20	20	LOADING
2	20	20	20	20	
3	40	40	40	40	
4	40	40	40	40	SPOKE TO ECC -
5					OPERATOR WAS
6					NOTIFIED AND
7					ADJUSTMENTS
8					MADE
9	10	10	10	10	
10	10	5	5	5	
11	5	5	5	5	
12	5	5	5	5	
13	5	5	5	5	
14					
15					
16					
17					
18					
19					
20	5	5	5	5	LOADING
21	5	10	10	10	STOKING
22	10	10	10	10	
23	10	10	5	5	
24	10	10	10	10	
25	10	10	10	10	
26	5	5	5	5	
27	5	5	5	5	
28	5	5	5	5	LOADING
29	5	10	10	10	
30	10	10	10	10	

#1

OBSERVER'S NAME (PRINT)	
OBSERVER'S SIGNATURE	DATE
ORGANIZATION	
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



ADDITIONAL INFORMATION

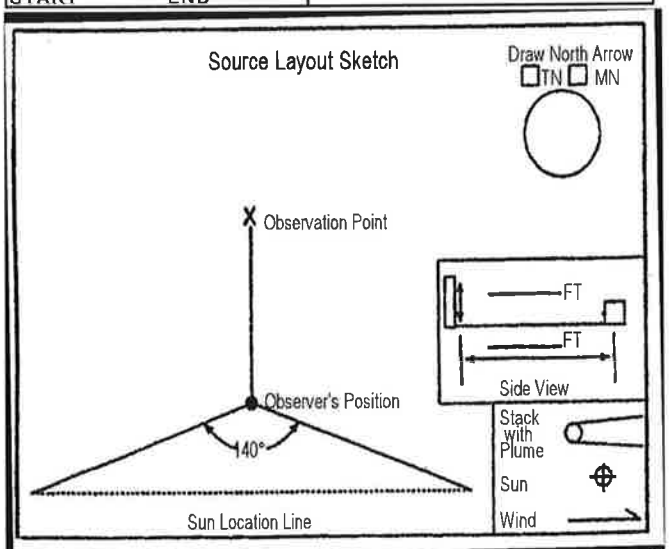
OBSERVATION DATE	START TIME 2230	END TIME 2300

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

OBSERVER'S NAME (PRINT)	
OBSERVER'S SIGNATURE	DATE
ORGANIZATION	
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	



ADDITIONAL INFORMATION

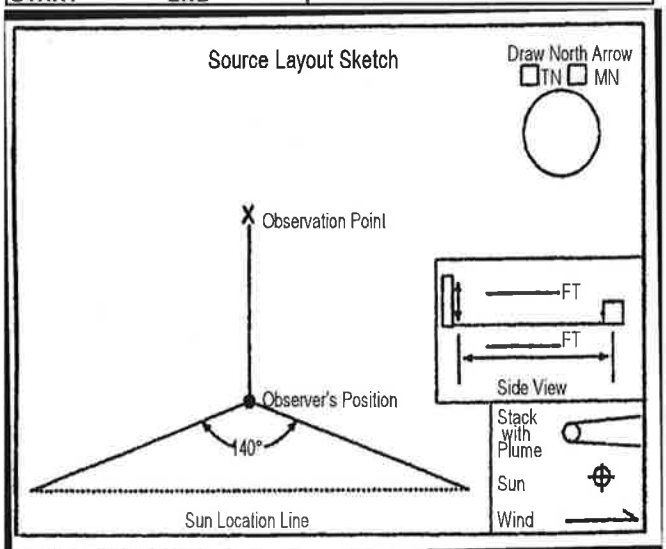
OBSERVATION DATE	START TIME	END TIME
1-14-13	2200	2230

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

OBSERVER'S NAME (PRINT)	
OBSERVER'S SIGNATURE	DATE
ORGANIZATION	
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



ADDITIONAL INFORMATION

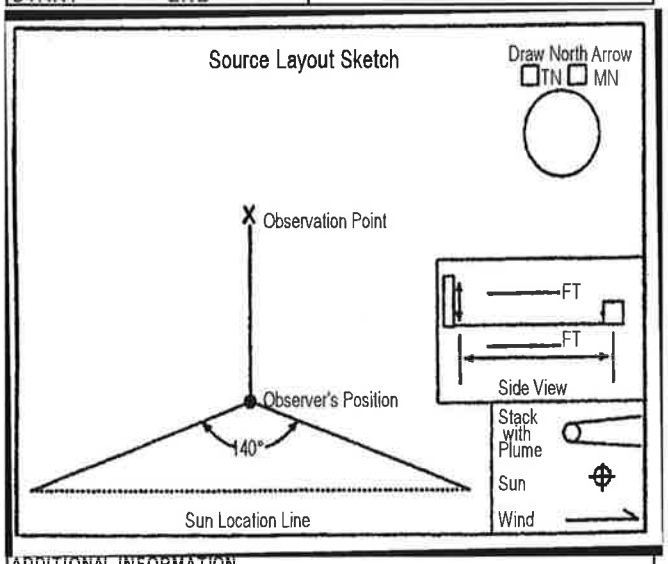
OBSERVATION DATE	START TIME	END TIME
1/11/18	2130	2200

MIN \ SEC	0	15	30	45	COMMENTS Unit #11
1	10	10	15	15	
2	15	15	15	10	Loading
3	10	10	10	10	
4	10	10	10	10	
5	10	5	5	5	
6	5	5	5	5	
7	5	5	5	5	Starting to rain
8	10	10	10	10	
9	10	5	5	5	
10	5	5	5	5	
11	10	10	10	10	
12	10	10	10	5	
13	5	5	5	5	
14	5	5	5	5	
15	5	5	5	5	
16	5	5	5	5	
17	5	5	10	10	
18	10	10	10	10	
19	10	10	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					
26					
27					
28					
29	5	5	5	5	
30	5	5	5	5	

OBSERVER'S NAME (PRINT)	
OBSERVER'S SIGNATURE	DATE
ORGANIZATION	
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	



ADDITIONAL INFORMATION

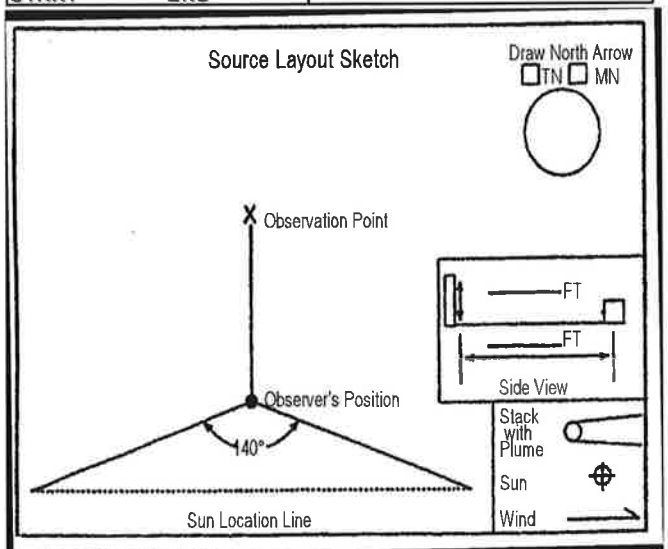
OBSERVATION DATE	START TIME	END TIME
	2100	2130

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

OBSERVER'S NAME (PRINT)	
OBSERVER'S SIGNATURE	DATE
ORGANIZATION	
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	



ADDITIONAL INFORMATION

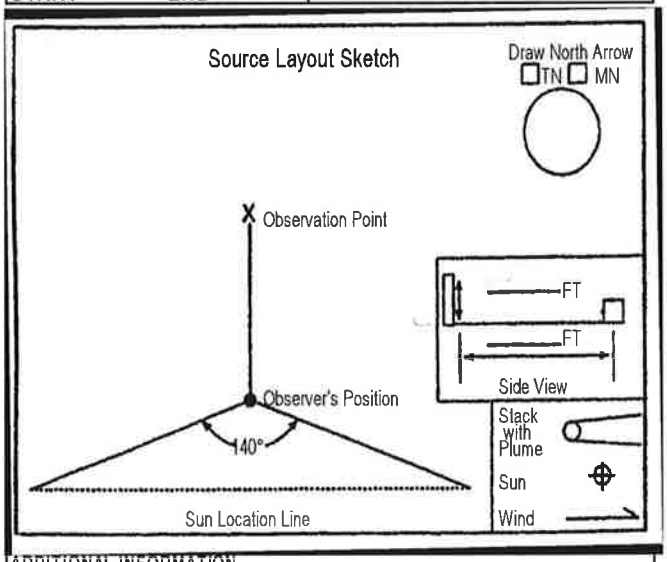
OBSERVATION DATE	START TIME	END TIME
	2030	2100

MIN \ SEC	0	15	30	45	COMMENTS
1	5	5	5	5	LOADING
2					
3					
4					
5					
6	5	5	5	5	* UNIT #1 @ 0%
7	0	0	0	0	
8	0	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	0	0	
14	0	0	0	0	
15	5	5	5	5	
16	5	5	5	5	
17	5	5	5	5	
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29	5	5	5		
30	5	5	5	5	

OBSERVER'S NAME (PRINT)	
OBSERVER'S SIGNATURE	DATE
ORGANIZATION	
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	



ADDITIONAL INFORMATION

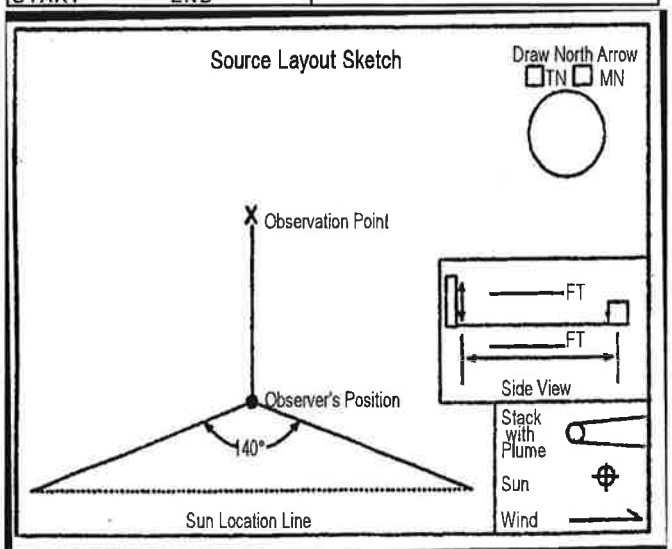
OBSERVATION DATE	START TIME	END TIME
	2000	2030

MIN \ SEC	0	15	30	45	COMMENTS
1	5	5	5	5	
2					
3					
4					
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	5	5	5	5	
10	5	5	5	5	
11	5	5	5	5	
12	5	5	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	5	5	5	5	LOADING
20	5	5	5	5	
21	5	10	10	5	STOKING
22	5	5	5	5	
23	5	5	5	5	
24	5	5	5	5	
25	5	10	10	10	LOADING
26	10	5	5	0	
27	0	0	5	5	
28	5	5	0	0	STOKING
29	0	0	0	0	
30	5	5	5	5	

OBSERVER'S NAME (PRINT)	
OBSERVER'S SIGNATURE	DATE
ORGANIZATION	
CERTIFIED BY	DATE

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

COMPANY NAME	ECC
LOCATION	F.B.F.
LOCATION	
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 NIGHT END
WIND SPEED	START END
WIND DIRECTION	START N.W END
AMBIENT TEMP	START END
WET BULB TEMP	RH percent



ADDITIONAL INFORMATION

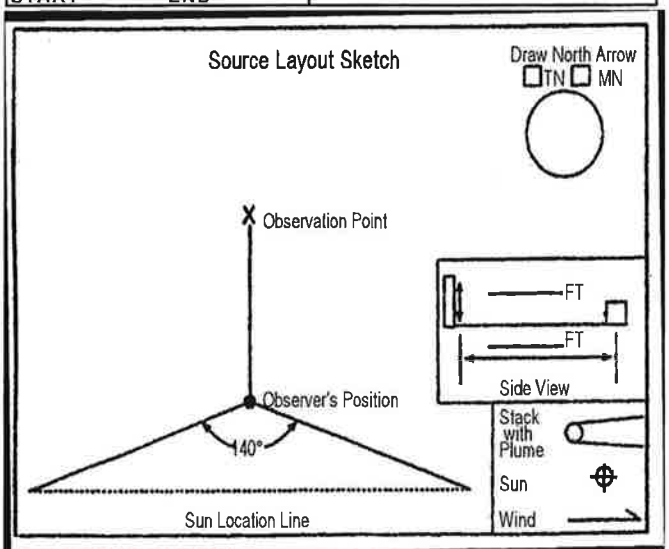
OBSERVATION DATE	START TIME	END TIME
1/15/13	0300	0330

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

OBSERVER'S NAME (PRINT)	JOE ACOSTA
OBSERVER'S SIGNATURE	DATE 1/15/13
ORGANIZATION	NYC DEP
CERTIFIED BY	DATE

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

COMPANY NAME	ECC
LOCATION	F.B.F
LOCATION	
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 NIGHT END
WIND SPEED	START END
WIND DIRECTION	START N.W. END
AMBIENT TEMP	START END
WET BULB TEMP	RH percent



ADDITIONAL INFORMATION

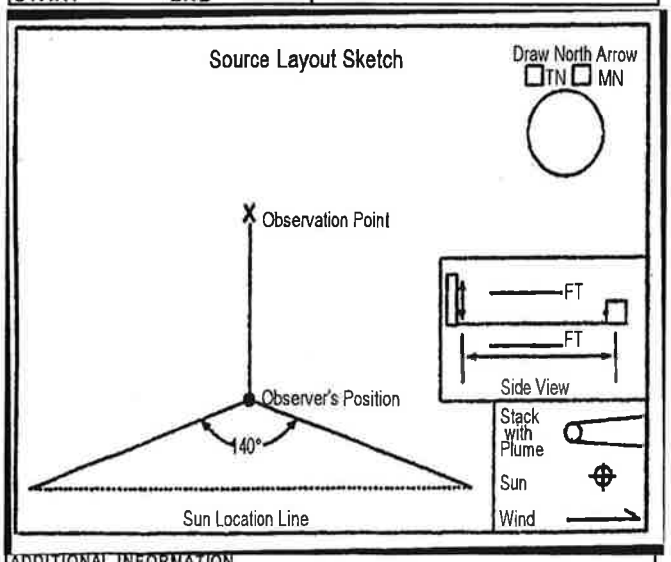
OBSERVATION DATE	START TIME	END TIME
1/15/13	0330	0400

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

OBSERVER'S NAME (PRINT)	JOE ACOSTA
OBSERVER'S SIGNATURE	DATE 1/15/13
ORGANIZATION	NYC DEP
CERTIFIED BY	DATE

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

COMPANY NAME	ECC
LOCATION	F.B.F
LOCATION	
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 NIGHT END
WIND SPEED	START END
WIND DIRECTION	START W.W. END
AMBIENT TEMP	START END
WET BULB TEMP	RH percent



ADDITIONAL INFORMATION

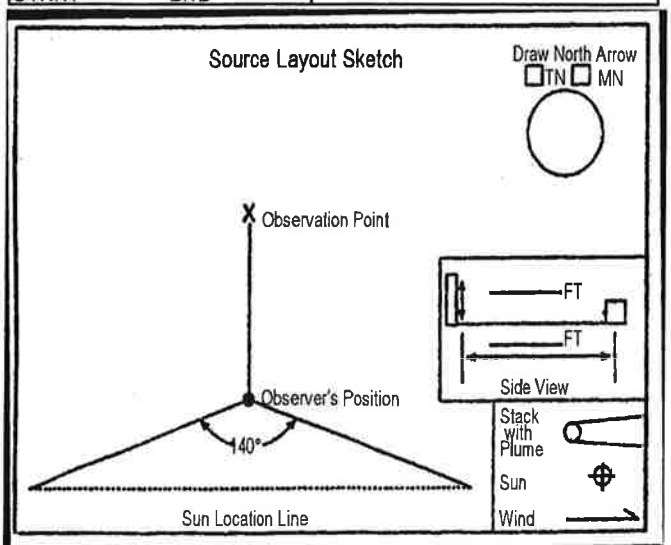
OBSERVATION DATE	START TIME	END TIME
1/15/13	0400	0430

MIN \ SEC	0	15	30	45	COMMENTS
1	5	5	5	5	LOADING
2	5	5	5	5	
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	
6	5	5	5	5	
7	5	5	5	5	
8	5	5	5	5	
9	10	5	5	5	
10	5	5	5	10	
11	5	5	5	5	
12	5	5	5	5	
13	10	5	5	5	
14	5	5	5	10	
15	5	5	5	5	
16	10	5	5	10	
17	5	10	5	5	
18	10	10	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	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)	JOE ACOSTA
OBSERVER'S SIGNATURE	DATE 1/15/13
ORGANIZATION	NYC DEP
CERTIFIED BY	DATE

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

COMPANY NAME	ECC
LOCATION	F.B.F.
LOCATION	
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 NIGHT END
WIND SPEED	START END
WIND DIRECTION	START N.W. END
AMBIENT TEMP	START END
WET BULB TEMP	RH percent



ADDITIONAL INFORMATION

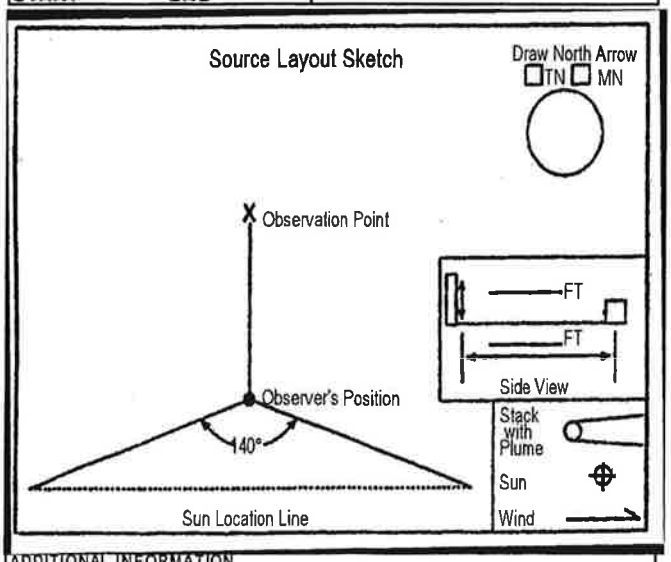
OBSERVATION DATE	START TIME	END TIME
1/15/13	0430	0500

MIN \ SEC	0	15	30	45	COMMENTS
1	5	5	5	5	LOADING
2	5	5	5	5	
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	
6	5	5	5	5	
7	5	5	5	5	
8	5	5	5	5	
9	5	5	5	5	
10	5	5	5	5	
11	5	5	5	5	
12	5	5	5	5	
13	5	5	5	5	
14	5	5	5	5	
15	5	5	5	5	
16	10	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	10	5	5	5	
24	10	10	10	10	
25	10	10	5	5	
26	15	10	10	10	
27	15	10	10	10	
28	10	10	10	10	
29	10	10	10	10	
30	10	15	15	10	

OBSERVER'S NAME (PRINT)	JOE ACOSTA
OBSERVER'S SIGNATURE	DATE 1/15/12
ORGANIZATION	NYC DEP
CERTIFIED BY	DATE

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

COMPANY NAME	ECC
LOCATION	F.B.F.
LOCATION	
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 NIGHT END
WIND SPEED	START END
WIND DIRECTION	START N.W. END
AMBIENT TEMP	START END
WET BULB TEMP	RH percent



ADDITIONAL INFORMATION

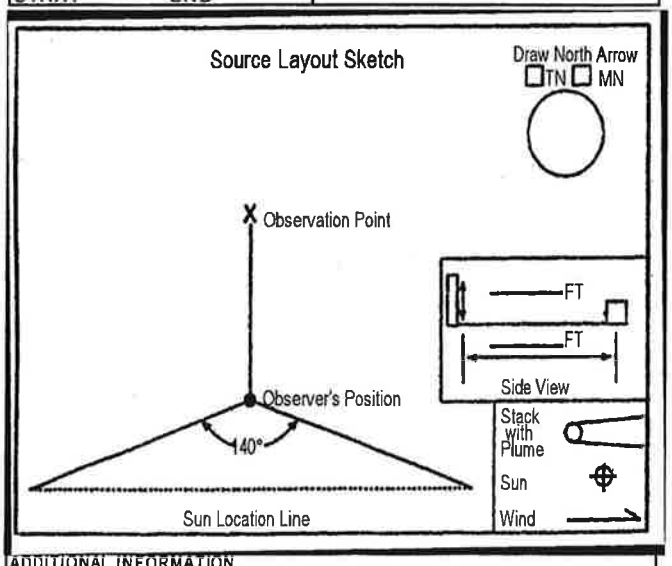
OBSERVATION DATE	START TIME	END TIME
1/15/13	0500	0530

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	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)	JOE ACOSTA
OBSERVER'S SIGNATURE	DATE 1/15/13
ORGANIZATION	NYC DEP
CERTIFIED BY	DATE

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

COMPANY NAME	ECC
LOCATION	F.B.F.
LOCATION	
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 NIGHT END
WIND SPEED	START END
WIND DIRECTION	START N.W. END
AMBIENT TEMP	START END
WET BULB TEMP	RH percent



ADDITIONAL INFORMATION

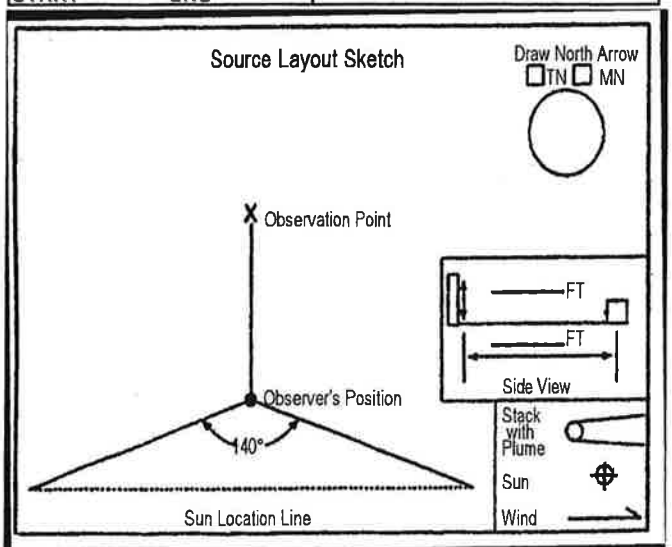
OBSERVATION DATE	START TIME	END TIME
1/15/13	0530	0600

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	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)	JOE ACOSTA
OBSERVER'S SIGNATURE	DATE 1/15/13
ORGANIZATION	NYC DEP
CERTIFIED BY	DATE

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

COMPANY NAME	ECC
LOCATION	F.B.F.
LOCATION	
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 NIGHT END
WIND SPEED	START END
WIND DIRECTION	START N.W. END
AMBIENT TEMP	START END
WET BULB TEMP	RH percent



ADDITIONAL INFORMATION

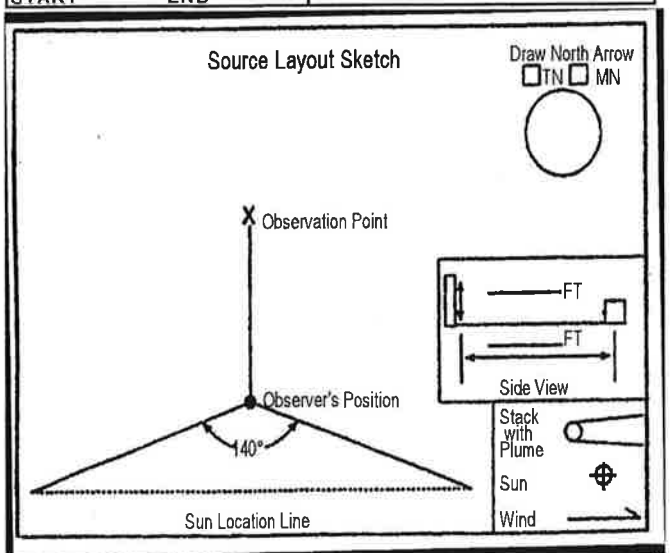
OBSERVATION DATE	START TIME	END TIME
1/15/13	0600	0630

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

OBSERVER'S NAME (PRINT)	JOE ACOSTA
OBSERVER'S SIGNATURE	DATE 1/15/13
ORGANIZATION	NYC DEP
CERTIFIED BY	DATE

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

COMPANY NAME	ECC
LOCATION	F. B. F.
LOCATION	
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 NIGHT END
WIND SPEED	START END
WIND DIRECTION	START N.W. END
AMBIENT TEMP	START END
WET BULB TEMP	RH percent



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
1/15/13	0200	0230

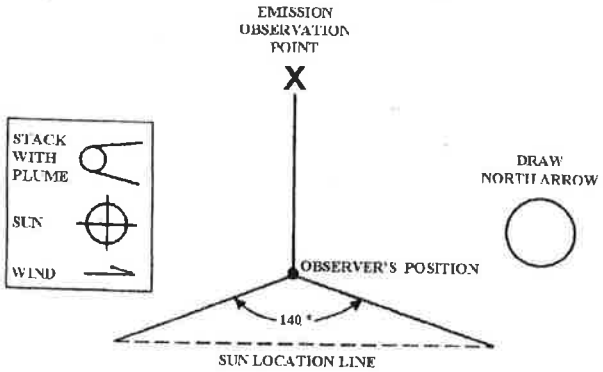
MIN \ SEC	0	15	30	45	COMMENTS
1	5	5	5	5	LOADING
2	5	5	5	5	
3	5	10	5	5	
4	10	10	5	5	
5	10	10	10	10	
6	10	10	10	10	
7	10	10	10	10	
8	10	10	5	5	
9	5	5	5	5	
10	5	5	5	5	
11	5	5	5	5	
12	5	5	5	5	
13	5	5	5	5	
14	5	5	5	5	
15	5	5	5	5	
16	5	5	5	5	
17	5	5	5	5	
18	5	5	5	5	
19	5	5	5	5	
20	5	5	5	5	
21	5	5	5	5	
22	5	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 1/15/13
ORGANIZATION	NYC 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



Observation Date	Start Time	End Time
01-15-13	0700	0730

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

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01.15.13
Organization	
Certified by	Date

Additional Information

#2 Blower Down

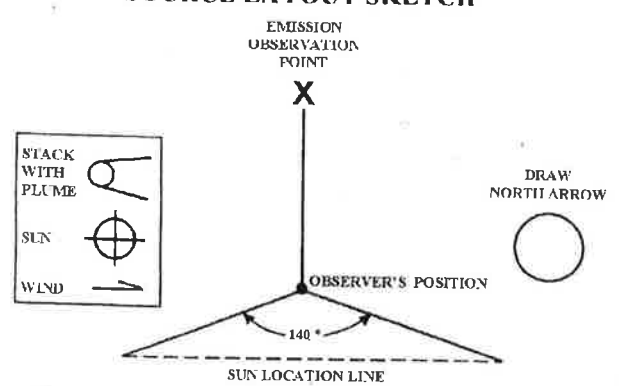
Continue on reverse side

(2)

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
01-15-13	0731	0800

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

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01.15.13
Organization	
Certified by	Date

Additional Information

#2 Blower Down

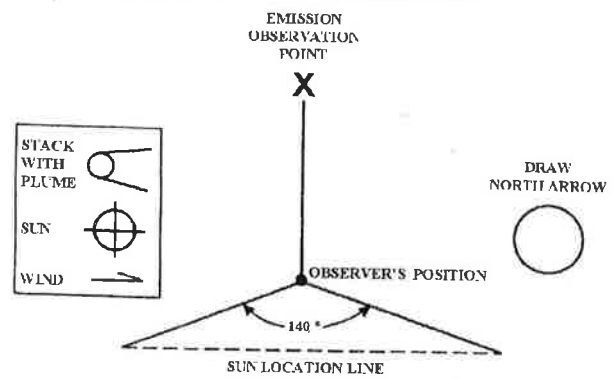
Continue on reverse side

(2)

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
01-15-13	0801	0830

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

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01-15-13
Organization	
Certified by	Date

Additional Information

0820 unit 2 Blower [redacted] start up

Continue on reverse side

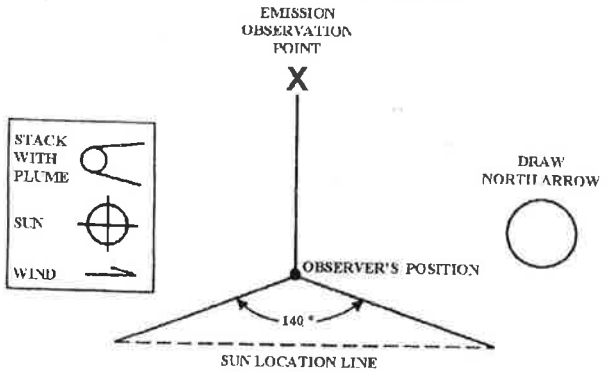
VISIBLE EMISSION OBSERVATION FORM

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
01-15-13	0831	0900

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	10	10	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	10	10	5		5-5-5-5
9	5	5	5	5		5-5-5-5
10	5	5	5	5		#1 5-5-5-5
11	5	5	5	5		5-5-5-5
12	5	5	5	5		5-5-5-5
13	5	5	5	5		5-5-5-5
14	5	5	5	5		5-5-5-5
15	5	5	5	5		#1 5-5-5-5
16	0	0	0	0		0-0-0-0
17	0	0	0	0		0-0-0-0
18	0	0	0	0		0-0-0-0
19	10	5	5	5		0-0-0-0
20	5	5	5	5		#1 0-0-0-0
21	0	0	0	0		0-0-0-10
22	0	0	0	0		10-10-5-5
23	0	0	0	0		5-5-10-10
24	0	0	0	0		10-10-15-15
25	0	0	0	0		#1 10-15-10-10
26	5	5	5	5		10-10-10-10
27	0	0	0	0		5-5-5-10
28	0	0	0	0		10-10-10-10
29	0	0	0	0		10-5-5-5
30	0	0	0	0		#1 5-5-5-5

SOURCE LAYOUT SKETCH



Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01-15-13
Organization	
Certified by	Date

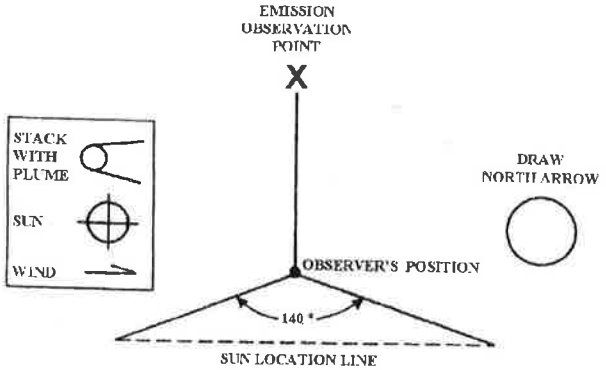
Additional Information

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



Observation Date	Start Time	End Time
01-15-13	0901	0930

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

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01-15-13
Organization	
Certified by	Date

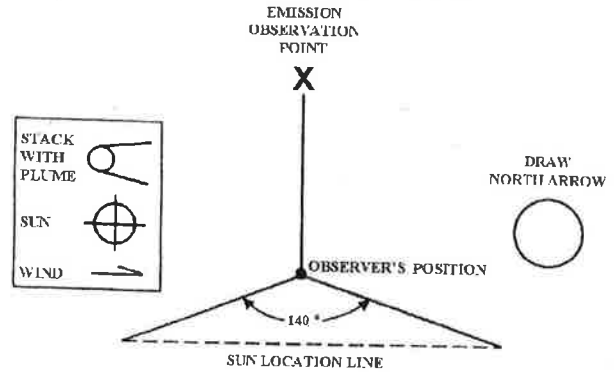
Additional Information

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



Observation Date	Start Time	End Time
01-15-13	0931	1000

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

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01-15-13
Organization	
Certified by	Date

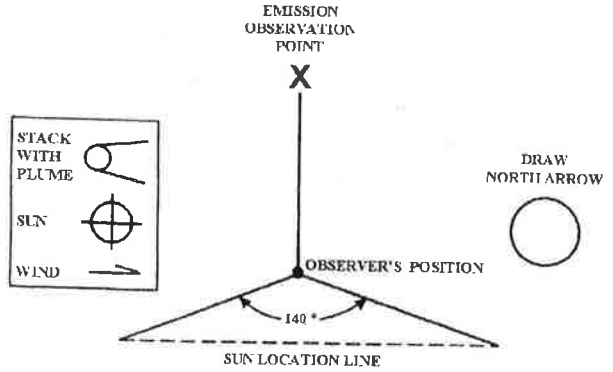
Additional Information

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



Observation Date	Start Time	End Time
01-15-13	1001	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		5-0-0-0
4	5	5	0	0		0-5-5-5
5	0	0	0	5	#1	5-5-5-5
6	5	10	10	5		0-0-0-0
7	0	0	0	0		0-0-0-5
8	0	0	0	0		5-5-5-5
9	0	0	0	5		5-5-5-5
10	5	5	10	10	#1	5-5-0-0
11	10	10	5	5		0-0-0-0
12	10	5	5	10		0-0-0-0
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		10-10-5-5
18	5	5	5	5		10-10-5-5
19	5	5	5	5		5-5-5-5
20	5	5	5	5	#1	5-5-5-5
21	5	5	5	5		5-5-5-5
22	5	5	5	5		5-5-5-5
23	5	5	5	5		0-0-0-0
24	5	5	0	0		0-0-0-0
25	0	0	0	0	#1	0-0-0-0
26	0	0	0	0		5-5-5-5
27	0	0	0	0		5-10-5-5
28	0	0	0	0		5-5-5-5
29	0	0	0	0		10-10-5-5
30	0	0	0	0	#1	5-5-5-5

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01-15-13
Organization	
Certified by	Date

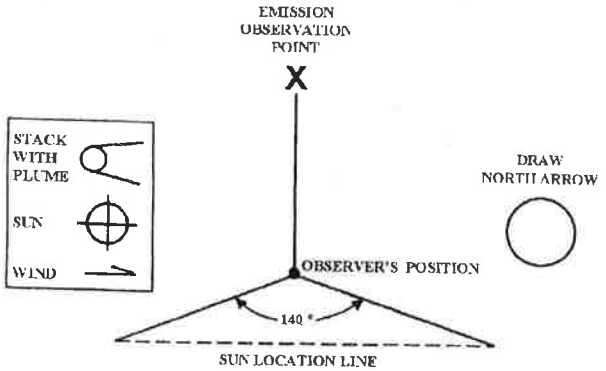
Additional Information

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



Observation Date	Start Time	End Time
01-15-13	1031	1100

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

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01-15-13
Organization	
Certified by	Date

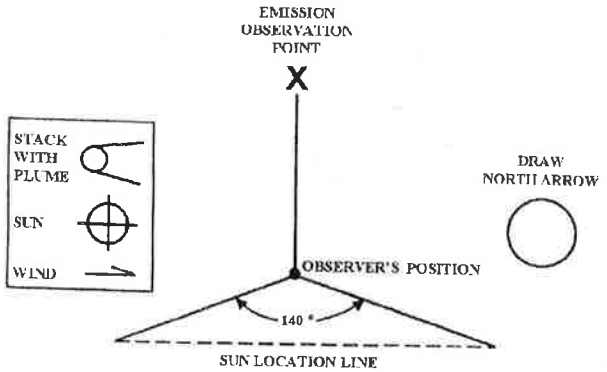
Additional Information

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



Observation Date	Start Time	End Time
01·15·13	1101	1130

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

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01·15·13
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	
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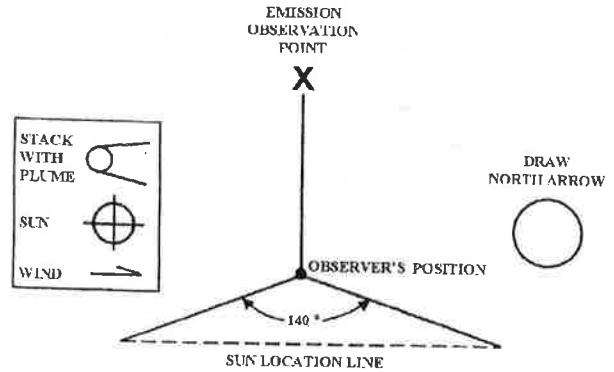
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
01-15-13	1131	1200

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

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01-15-13
Organization	
Certified by	Date

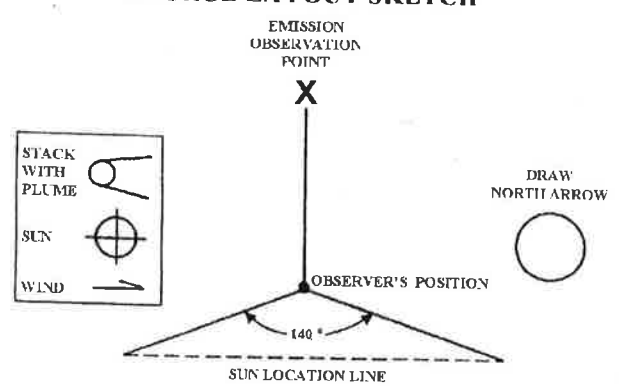
Additional Information

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



Observation Date	Start Time	End Time
01·15·13	1201	1230

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

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 01·15·13
Organization	
Certified by	Date

Additional Information

Continue on reverse side