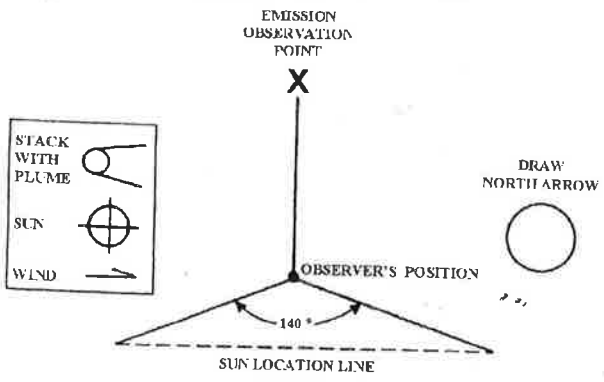
(1)

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
02-14-13	0701	0730

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

Observer's Name (Print)	
Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-14-13
Organization	
Certified by	Date

Continue on reverse side

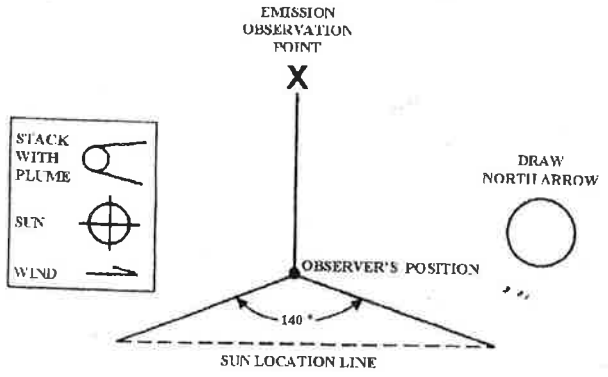
(1)

(20)

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
02-14-13	1731	1800

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-14-13
Organization	
Certified by	Date
Continue on reverse side	

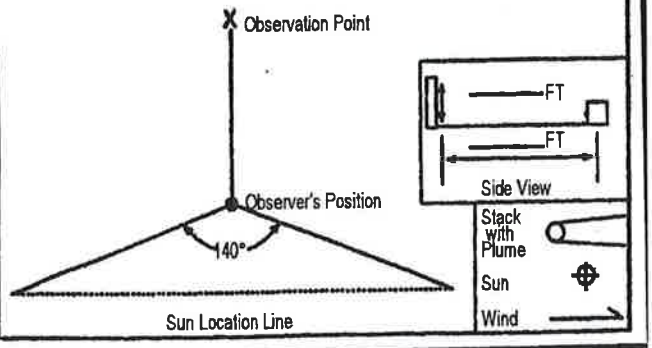
(20)

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

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD		
LOCATION		
CITY: BK	STATE: N-Y	ZIP: 11234
PROCESS EQUIPMENT: #1 INCINERATOR		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: 120 FT. — 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: WHITE — START / END	WATER DROPLET PLUME — ATTACHED ☐ DETACHED ☐ NONE ☐	
DESCRIBE PLUME BACKGROUND: TOWER LIGHT — START / END		
BACKGROUND COLOR — START / END	SKY CONDITIONS: OVERCAST — 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

#2 INCINERATOR STABILIZED.

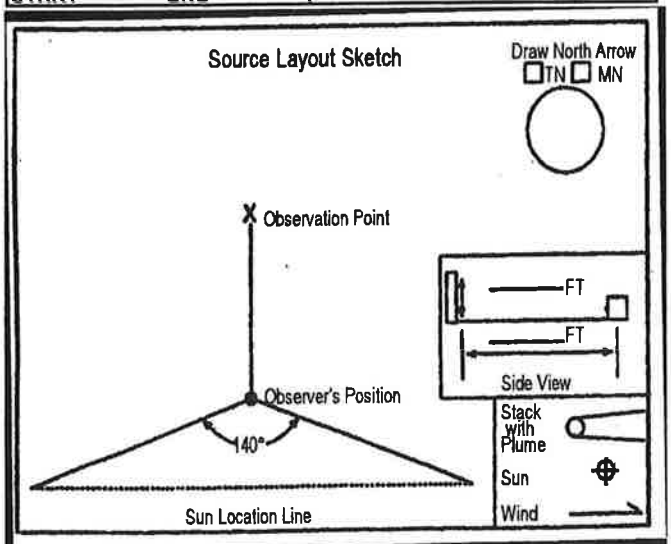
OBSERVATION DATE	START TIME	END TIME
2-14-13	1800	1830 HRS.

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

OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE	DATE: 2-14-13
ORGANIZATION: NYC-DEP.	
CERTIFIED BY	DATE

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

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD		
LOCATION:		
CITY: BK	STATE: N.Y.	ZIP: 11234
PROCESS EQUIPMENT: #2 INCINERATOR	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: 120 FT. — 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: WHITE — START: END:	WATER DROPLET PLUME — ATTACHED ☐ DETACHED ☐ NONE ☐	
DESCRIBE PLUME BACKGROUND: TOWER LIGHT — START: END:		
BACKGROUND COLOR — START: END:	SKY CONDITIONS: OVERCAST — START: END:	
WIND SPEED — START: END:	WIND DIRECTION — START: END:	
AMBIENT TEMP — START: END:	WET BULB TEMP: RH percent	



ADDITIONAL INFORMATION: #1 INCINERATOR STABILIZED

OBSERVATION DATE	START TIME	END TIME
2-14-13	1830	1900

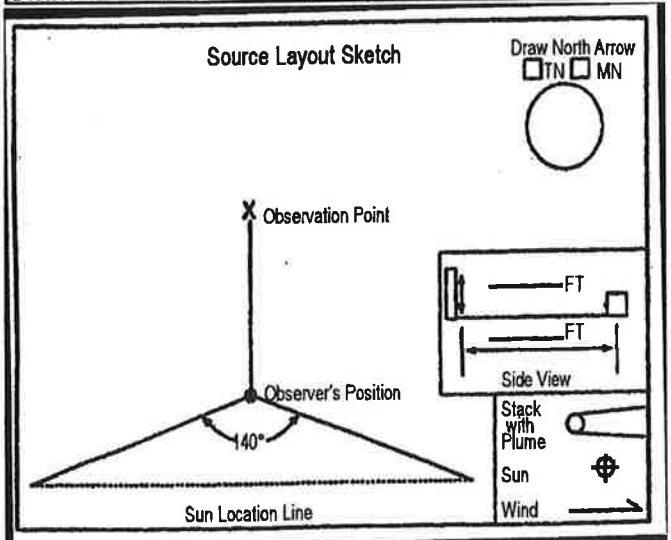
SEC / MIN	0	15	30	45	COMMENTS
1	20	20	20	20	MIXING LOAD
2	20	20	20	20	N N
3	10	10	10	10	LOADING
4	10	10	10	10	
5					
6					
7					
8					
9					
10					
11					
12	10	10	10	10	LOADING
13	5	5	5	5	NO LOADING
14					
15					
16	5	5	5	5	NO LOADING
17	10	10	10	10	LOADING
18					
19					
20					
21					
22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

OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE:	DATE: 2-14-13
ORGANIZATION: NYC-DEP.	
CERTIFIED BY:	DATE:

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

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD		
LOCATION:		
CITY: BK	STATE: N.Y.	ZIP: 11234
PROCESS EQUIPMENT: #1 INCINERATOR		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: 120 FT. — 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: WHITE — START: END:	WATER DROPLET PLUME — ATTACHED ☐ DETACHED ☐ NONE ☐	
DESCRIBE PLUME BACKGROUND: TOWER LIGHT — START: END:		
BACKGROUND COLOR — START: END:	SKY CONDITIONS: OVERCAST — START: END:	
WIND SPEED — START: END:	WIND DIRECTION — START: END:	
AMBIENT TEMP — START: END:	WET BULB TEMP:	RH percent:

Source Layout Sketch



ADDITIONAL INFORMATION

#2 INCINERATOR STABILIZED.

OBSERVATION DATE	START TIME	END TIME
2-14-13	1900	1930

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

OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE:	DATE: 2-14-13
ORGANIZATION: NYC-DEP.	
CERTIFIED BY:	DATE:

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

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD		
LOCATION		
CITY: BK	STATE: N.Y	ZIP: 11234
PROCESS EQUIPMENT: #1 INCINERATOR		OPERATING MODE
CONTROL EQUIPMENT		OPERATING MODE

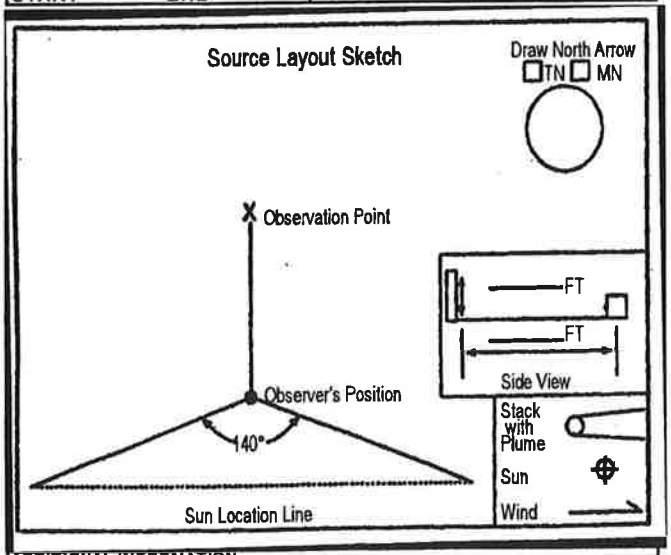
DESCRIBE EMISSION POINT

HEIGHT OF EMISSION POINT	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER START END
DISTANCE TO EMISSION POINT 120 FT. 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 WHITE START END	WATER DROPLET PLUME ATTACHED ☐ DETACHED ☐ NONE ☐
DESCRIBE PLUME BACKGROUND TOWER LIGHT START END	
BACKGROUND COLOR START END	SKY CONDITIONS CLEAR START END
WIND SPEED START END	WIND DIRECTION START END
AMBIENT TEMP START END	WET BULB TEMP RH percent



ADDITIONAL INFORMATION
#2 INCINERATOR STABILIZED.

OBSERVATION DATE	START TIME	END TIME
2-14-13	1930	2000

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

OBSERVER'S NAME (PRINT): RYON HANA	
OBSERVER'S SIGNATURE	DATE: 2-14-13
ORGANIZATION: NYC-DEP.	
CERTIFIED BY	DATE

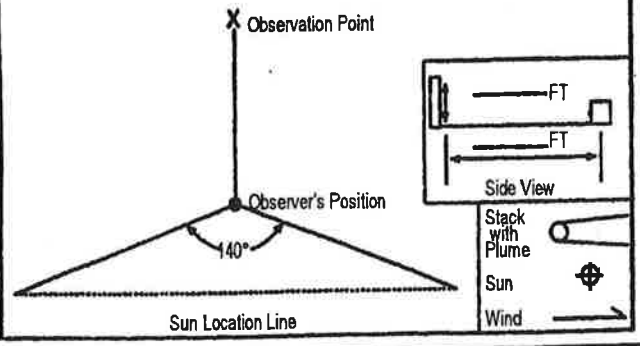
EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD		
LOCATION		
CITY: BK	STATE: N.Y.	ZIP: 11234
PROCESS EQUIPMENT: #2 INCINERATOR		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: 120 FT. 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: WHITE START END	WATER DROPLET PLUME ATTACHED ☐ DETACHED ☐ NONE ☐
DESCRIBE PLUME BACKGROUND: TOWER LIGHT START END	
BACKGROUND COLOR START END	SKY CONDITIONS: CLEAR 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

#1 INCINERATOR STABILIZED

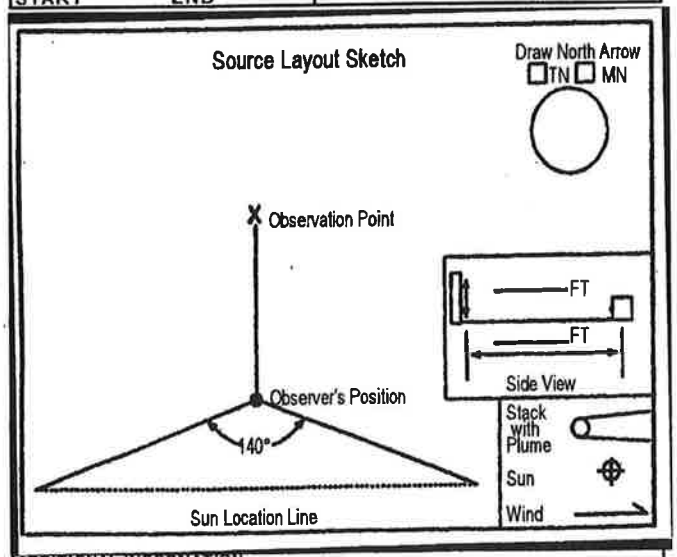
OBSERVATION DATE	START TIME	END TIME
2-14-13	2000	2030

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

OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE	DATE: 2-14-13
ORGANIZATION: NYC-DEP.	
CERTIFIED BY	DATE

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

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD		
LOCATION:		
CITY: BK	STATE: N-Y-	ZIP: 11234
PROCESS EQUIPMENT: #2 INCINERATOR		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: 120 FT. 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: WHITE START END		WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐
DESCRIBE PLUME BACKGROUND: TOWER LIGHT START END		
BACKGROUND COLOR: START END		SKY CONDITIONS: CLEAR START END
WIND SPEED: START END		WIND DIRECTION: START END
AMBIENT TEMP: START END		WET BULB TEMP: RH percent



ADDITIONAL INFORMATION:

#1 INCINERATOR STABILIZED.

OBSERVATION DATE	START TIME	END TIME
2-14-13	2030	2100

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

OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE:	DATE: 2-14-13
ORGANIZATION: NYC-DEP.	
CERTIFIED BY:	DATE:

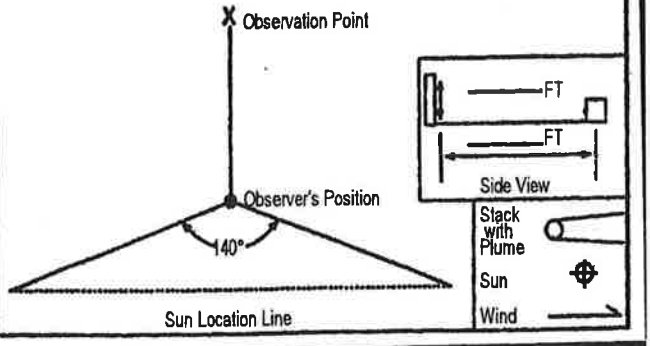
EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD		
LOCATION		
CITY: BK	STATE: N.Y	ZIP: 11234
PROCESS EQUIPMENT: #1 INCINERATOR		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: 120 FT. 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: WHITE START END	WATER DROPLET PLUME ATTACHED ☐ DETACHED ☐ NONE ☐
DESCRIBE PLUME BACKGROUND: TOWER LIGHT START END	
BACKGROUND COLOR START END	SKY CONDITIONS: CLEAR 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

#2 INCINERATOR STABILIZED.

OBSERVATION DATE	START TIME	END TIME
2-14-13	2100	2130

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

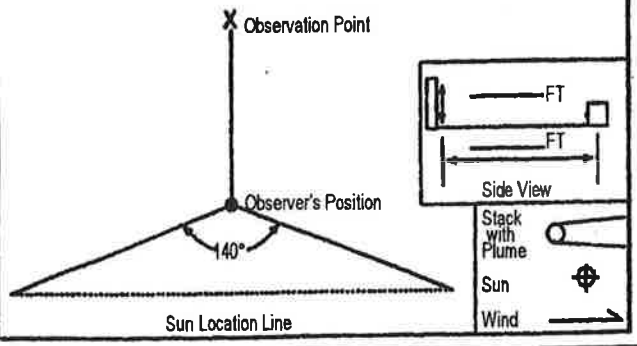
OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE	DATE: 2-14-13
ORGANIZATION: NYC-DEP.	
CERTIFIED BY	DATE

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

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD		
LOCATION		
CITY: BK	STATE: N.Y	ZIP: 11234
PROCESS EQUIPMENT: #1 INCINERATOR		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: 120 FT. 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: WHITE START / END		WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐
DESCRIBE PLUME BACKGROUND: TOWER LIGHT START / END		
BACKGROUND COLOR: START / END		SKY CONDITIONS: CLEAR 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

#2 INCINERATOR STABILIZED

OBSERVATION DATE	START TIME	END TIME
2-14-13	2130	2200

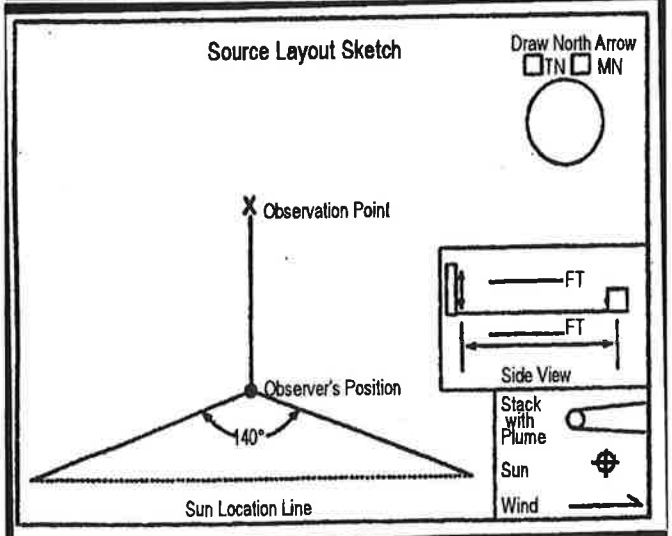
SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	LOADING
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12	5	5	5	5	LOADING
13	5	5	5	5	NO LOADING
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25	5	5	5	5	NO LOADING
26	15	15	15	15	MIXING LOAD
27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

OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE:	DATE: 2-14-13
ORGANIZATION: NYC-DEP.	
CERTIFIED BY	DATE

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

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD		
LOCATION		
CITY: BK	STATE: N.Y.	ZIP: 11234
PROCESS EQUIPMENT: #2 INCINERATOR		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: 120 FT. 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: WHITE START / END		WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐
DESCRIBE PLUME BACKGROUND: LOWER LIGHT. START / END		
BACKGROUND COLOR: START / END		SKY CONDITIONS: CLEAR START / END
WIND SPEED: START / END		WIND DIRECTION: START / END
AMBIENT TEMP: START / END	WET BULB TEMP	RH percent

Source Layout Sketch



ADDITIONAL INFORMATION: #1 INCINERATOR STABILIZED

OBSERVATION DATE	START TIME	END TIME
2-14-13	2200	2230

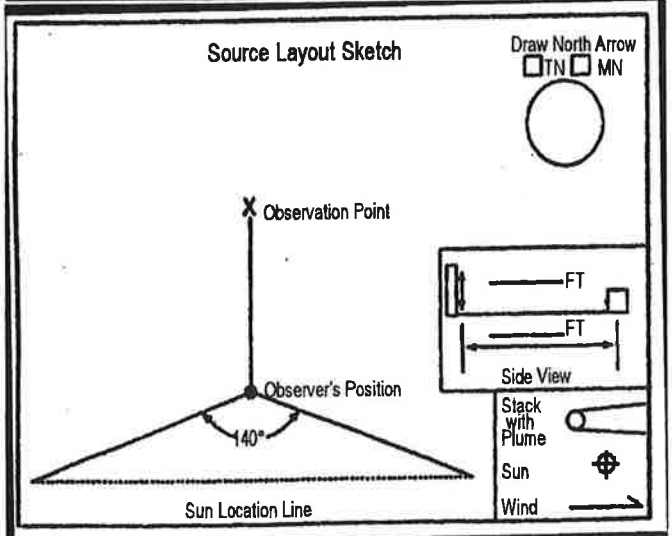
SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	NO LOADING
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15	5	5	5	5	NO LOADING.
16	10	10	10	10	LOADING
17					
18					
19					
20					
21					
22					
23	10	10	10	10	LOADING.
24	5	5	5	5	NO LOADING
25					
26			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

OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE	DATE: 2-14-13
ORGANIZATION: NYC-DEP.	
CERTIFIED BY	DATE

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

COMPANY NAME: ECC			
LOCATION: FLOYD BENNETT FIELD			
LOCATION:			
CITY: BK	STATE: N-Y-	ZIP: 11234	
PROCESS EQUIPMENT: #2 INCINERATOR		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: 120 FT. 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: WHITE START / END		WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐	
DESCRIBE PLUME BACKGROUND: TOWER LIGHT. START / END			
BACKGROUND COLOR: START / END		SKY CONDITIONS: CLEAR START / END	
WIND SPEED: START / END		WIND DIRECTION: START / END	
AMBIENT TEMP: START / END		WET BULB TEMP	RH percent

Source Layout Sketch



ADDITIONAL INFORMATION

#1 INCINERATOR STABILIZED

OBSERVATION DATE	START TIME	END TIME
2-14-13	2230	2300

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

OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE:	DATE: 2-14-13
ORGANIZATION: NYC-DEP-	
CERTIFIED BY	DATE

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

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD		
LOCATION		
CITY: BK	STATE: N.Y.	ZIP: 11234
PROCESS EQUIPMENT: #1 INCINERATOR		OPERATING MODE
CONTROL EQUIPMENT		OPERATING MODE

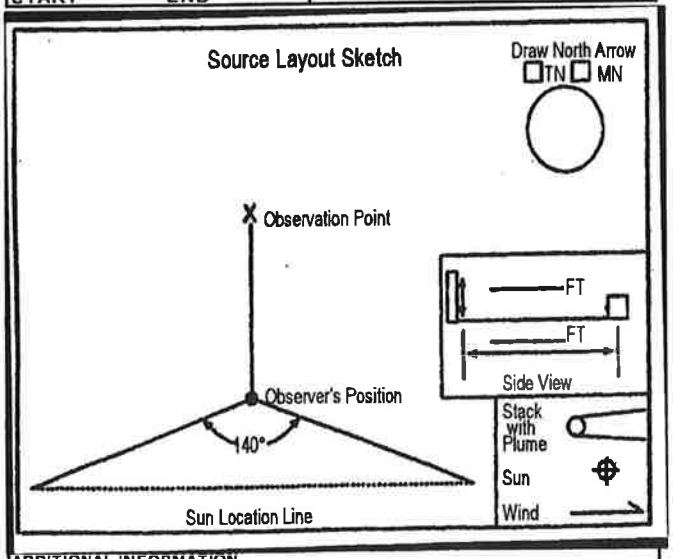
DESCRIBE EMISSION POINT

HEIGHT OF EMISSION POINT	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START END
DISTANCE TO EMISSION POINT: 120 FT. 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: WHITE START END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐
DESCRIBE PLUME BACKGROUND: TOWER LIGHT. START END	
BACKGROUND COLOR: START END	SKY CONDITIONS: CLEAR. START END
WIND SPEED: START END	WIND DIRECTION: START END
AMBIENT TEMP: START END	WET BULB TEMP / RH percent



ADDITIONAL INFORMATION: #2 INCINERATOR STABILIZED.

OBSERVATION DATE	START TIME	END TIME
2-14-13	2300	2330

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

OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE	DATE: 2-14-13
ORGANIZATION: NYC-DEP.	
CERTIFIED BY	DATE

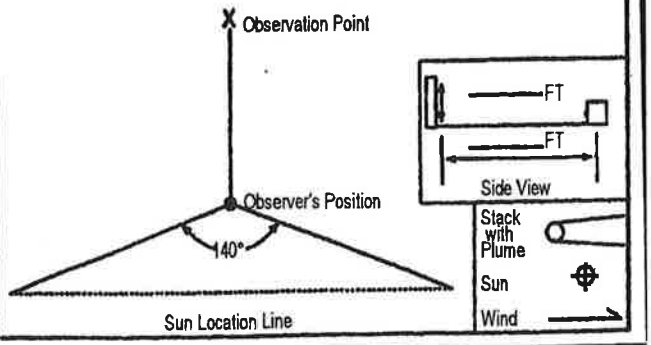
EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD		
LOCATION		
CITY: BK	STATE: N.Y	ZIP: 11234
PROCESS EQUIPMENT: #1 INCINERATOR	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: 120 FT. 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: WHITE START END	WATER DROPLET PLUME ATTACHED ☐ DETACHED ☐ NONE ☐
DESCRIBE PLUME BACKGROUND: TOWER LIGHT. START END	
BACKGROUND COLOR START END	SKY CONDITIONS: CLEAR 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

#2 INCINERATOR STABILIZED

OBSERVATION DATE	START TIME	END TIME
2-14-13	2330	2400

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

OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE	DATE: 2-14-13
ORGANIZATION: NYC-DEP.	
CERTIFIED BY	DATE

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

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD.		
LOCATION		
CITY: BK	STATE: N.Y	ZIP: 11234
PROCESS EQUIPMENT: #2 INCINERATOR		OPERATING MODE
CONTROL EQUIPMENT		OPERATING MODE

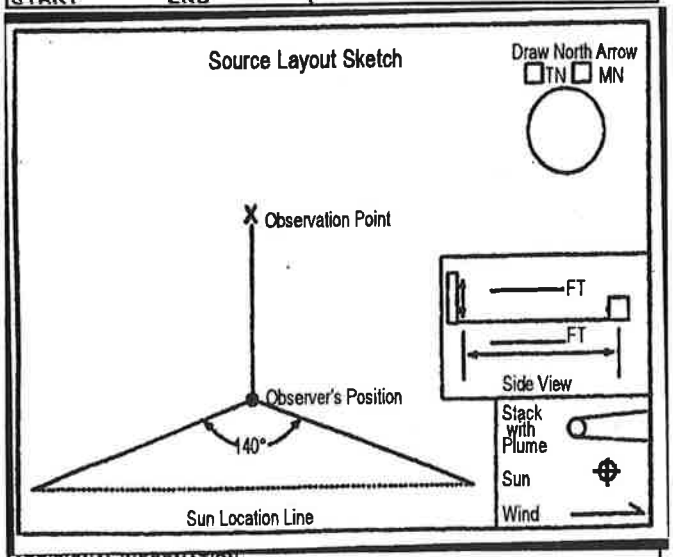
DESCRIBE EMISSION POINT

HEIGHT OF EMISSION POINT	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER — START END
DISTANCE TO EMISSION POINT: 120 FT. — 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: WHITE — START END	WATER DROPLET PLUME — ATTACHED ☐ DETACHED ☐ NONE ☐
DESCRIBE PLUME BACKGROUND: LOWER LIGHT — START END	
BACKGROUND COLOR — START END	SKY CONDITIONS: CLEAR — START END
WIND SPEED — START END	WIND DIRECTION — START END
AMBIENT TEMP — START END	WET BULB TEMP / RH percent



ADDITIONAL INFORMATION

#1 INCINERATOR STABILIZED.

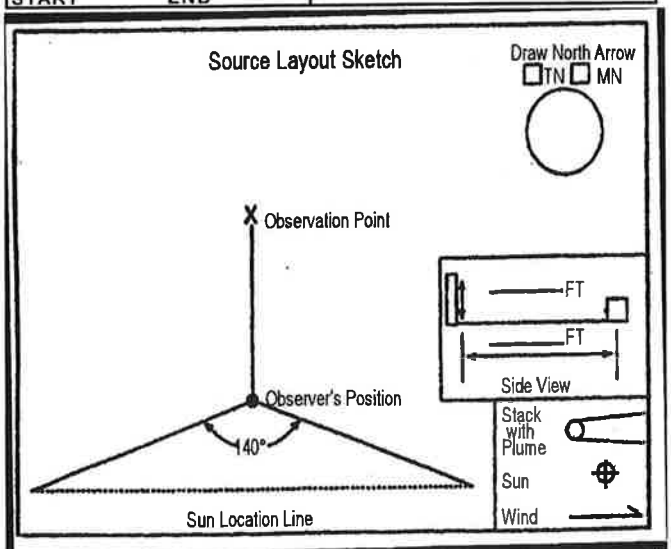
OBSERVATION DATE	START TIME	END TIME
2-15-13	2400	0030

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

OBSERVER'S NAME (PRINT): ANTON HANS	
OBSERVER'S SIGNATURE	DATE: 2-15-13
ORGANIZATION: NYC-DEP.	
CERTIFIED BY	DATE

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

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD		
LOCATION		
CITY: BK	STATE: N.Y.	ZIP: 11234
PROCESS EQUIPMENT: #1+#2 INCINERATORS		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: 120 FT. 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: WHITE START / END		WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐
DESCRIBE PLUME BACKGROUND: TOWER LIGHT START / END		
BACKGROUND COLOR: START / END		SKY CONDITIONS: CLEAR START / END
WIND SPEED: START / END		WIND DIRECTION: START / END
AMBIENT TEMP: START / END		WET BULB TEMP / RH percent



ADDITIONAL INFORMATION

#1+#2 INCINERATORS STABILIZED

OBSERVATION DATE	START TIME	END TIME
2-15-13	0030	0100 HRS

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

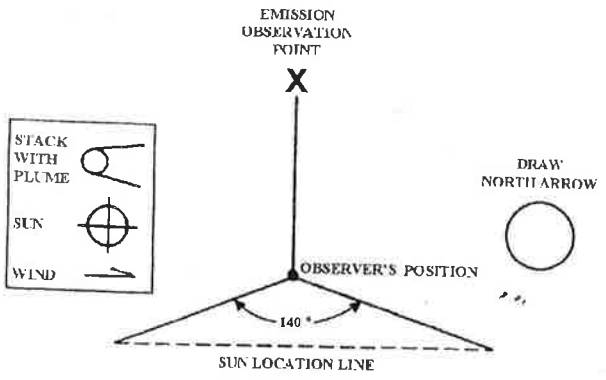
OBSERVER'S NAME (PRINT): DYTON HANA	
OBSERVER'S SIGNATURE	DATE: 2-15-13
ORGANIZATION: NYC-DEP.	
CERTIFIED BY	DATE

(2)

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
02-14-13	0731	0800

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

Observer's Name (Print): Eric Gregories	
Observer's Signature: Eric Gregories	Date: 02-14-13
Organization	
Certified by	Date

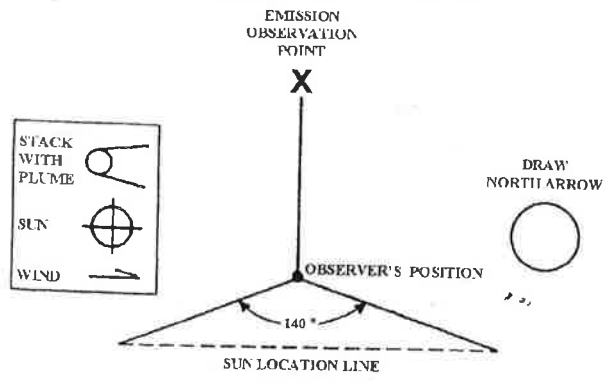
Continue on reverse side

(2)

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
02-14-13	0801	0830

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-14-13
Organization	
Certified by	Date

Continue on reverse side

(4)

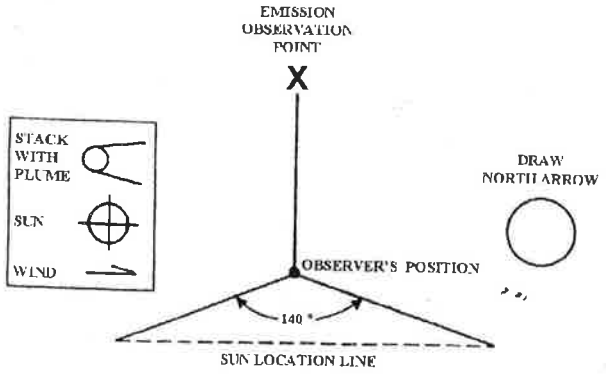
VISIBLE EMISSION OBSERVATION FORM

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

Observation Date: 02-14-13 **Start Time:** 0831 **End Time:** 0900

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

SOURCE LAYOUT SKETCH



Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-14-13
Organization	
Certified by	Date

Additional Information

Continue on reverse side

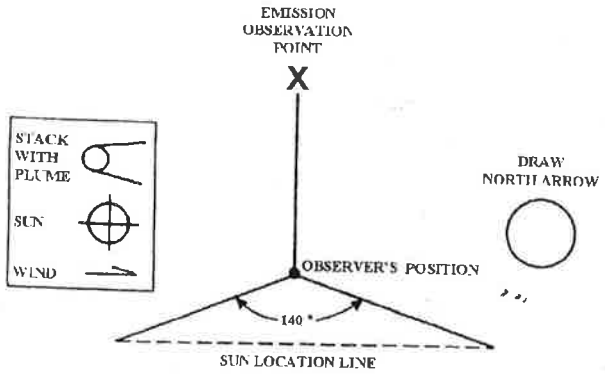
(4)

(5)

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
02-14-13	0901	0930

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-14-13
Organization	
Certified by	Date

Continue on reverse side

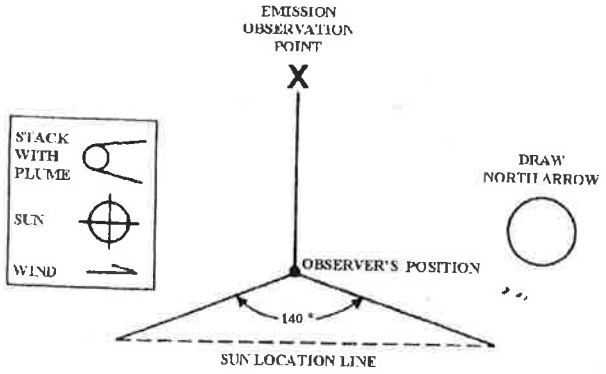
(5)

(6)

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date: 02-14-13 | Start Time: 0931 | End Time: 1000

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-14-13
Organization	
Certified by	Date

Continue on reverse side

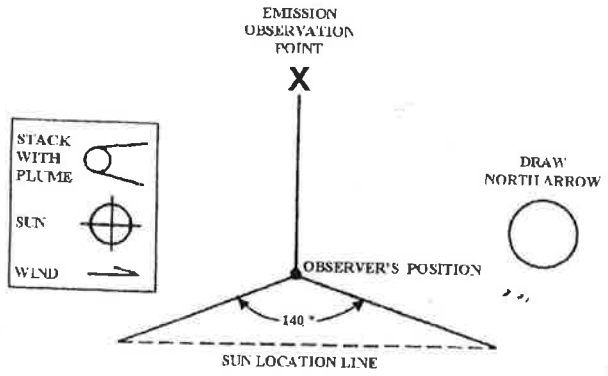
(6)

(7)

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
02-14-13	1001	1030

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-14-13
Organization	
Certified by	Date

Continue on reverse side

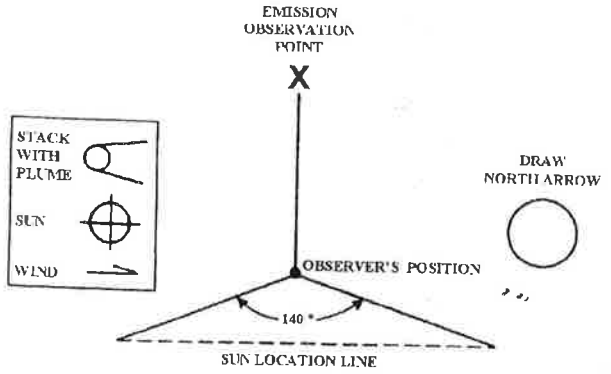
(7)

(8)

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
02-14-13	1031	1100

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-14-13
Organization	
Certified by	Date

Continue on reverse side

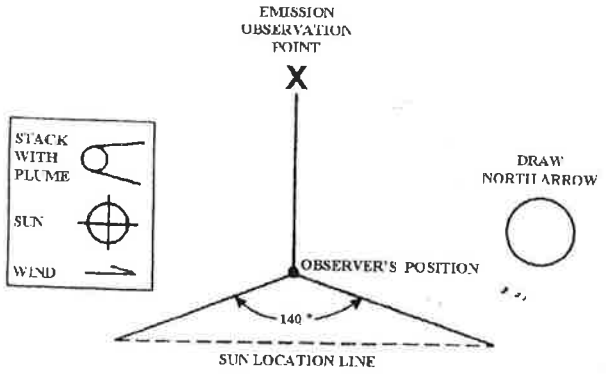
(8)

(9)

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date: 02-14-13 | Start Time: 1101 | End Time: 1130

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1-10-10-10-10
2	5	5	5	5	10-10-10-10
3	5	5	5	5	10-10-10-10
4	5	5	5	5	10-10-10-10
5	5	5	5	5	#1-10-10-10-10
6	5	5	5	5	10-10-10-10
7	5	5	5	5	10-10-10-15 steam
8	5	5	5	5	15-15-15-10
9	5	5	5	5	15-15-10-10
10	5	5	5	5	#1-Engine off ?
11	5	5	5	5	Noise ?
12	5	5	5	5	
13	5	5	5	5	
14	5	5	5	5	
15	5	5	5	5	#1-
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	#1-
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	#1-
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	#1-

Observer's Name (Print): Eric Gregorius

Observer's Signature: Eric Gregorius | Date: 02-14-13

Organization:

Certified by | Date

Continue on reverse side

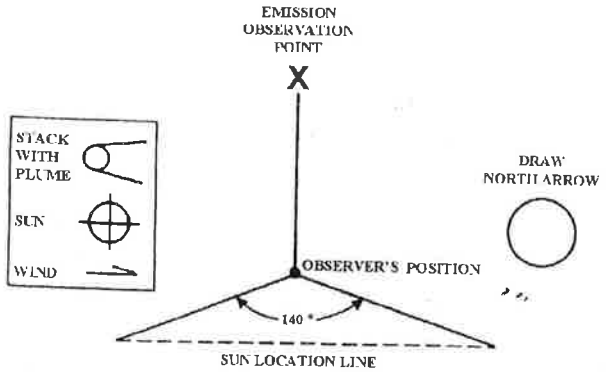
(9)

10

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
02-14-13	1131	1200

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1 - Engine off
2	5	5	5	5	Keeping Hot
3	5	5	5	5	With Wood
4	5	5	5	5	
5	5	5	5	5	#1 -
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	#1 -
11	10	10	10	10	
12	10	10	10	10	
13	10	10	10	10	
14	10	10	10	10	
15	10	10	10	10	#1 -
16	10	10	10	10	
17	10	10	10	10	
18	10	10	10	10	
19	10	10	10	10	
20	10	10	10	10	#1 -
21	10	10	10	10	
22	10	10	10	10	
23	10	10	10	10	
24	10	10	5	5	
25	5	5	5	5	#1 -
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	#1 -

Observer's Name (Print): Eric Gregorius

Observer's Signature: Eric Gregorius — Date: 02-14-13

Organization:

Certified by — Date:

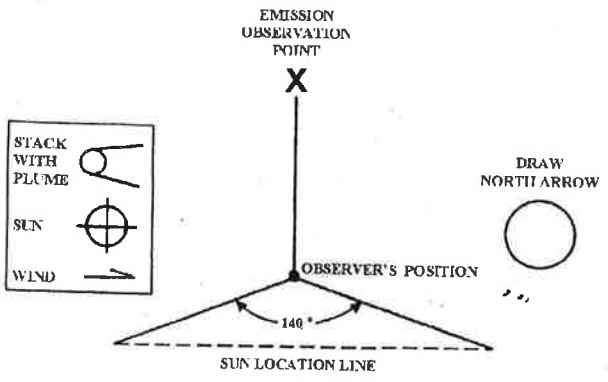
Continue on reverse side

10

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
02-14-13	1201	1230

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1-Engine Off
2	5	5	5	5	
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	#1-
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	#1-
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	#1-
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	#1-
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	#1-
26	5	5	5	5	
27	5	5	5	5	
28	10	10	10	10	
29	10	10	10	10	
30	10	10	10	10	#1-

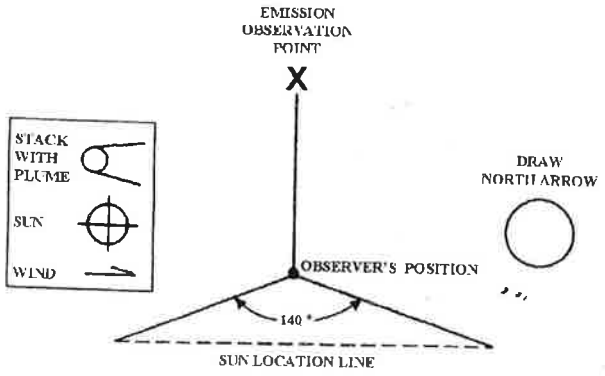
Observer's Name (Print)	
Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-14-13
Organization	
Certified by	Date
Continue on reverse side	

(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



Additional Information

Observation Date: 02-14-13 | Start Time: 1231 | End Time: 1300

Min \ Sec	0	15	30	45	Comments
1	10	10	10	10	#1 - Engine off
2	10	10	10	10	
3	10	10	5	5	
4	5	5	5	5	
5	5	5	5	5	#1 -
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	#1 -
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	#1 -
16	5	5	5	5	
17	5	5	5	5	
18	5	5	5	5	
19	5	5	5	10	
20	10	10	10	10	#1 -
21	10	10	10	10	
22	10	10	10	10	
23	10	10	10	5	
24	5	5	5	5	
25	5	5	5	5	#1 -
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	#1 -

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-14-13
Organization	
Certified by	Date

Continue on reverse side

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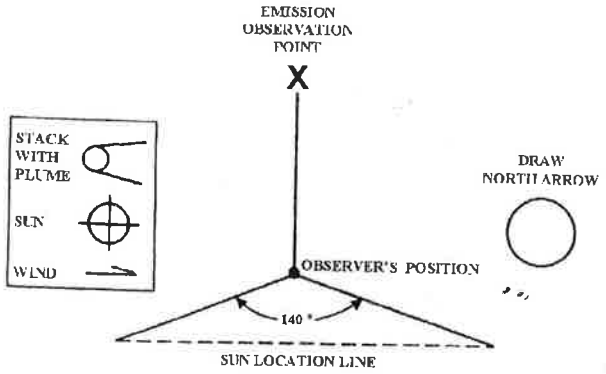
VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information	

Observation Date	Start Time	End Time
02-14-13	1301	1330

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1 - Engine Off
2	5	5	5	5	
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	#1 -
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	#1 -
11	5	5	5	5	
12	5	5	5	5	
13	10	10	10	10	SW
14	10	10	10	10	
15	10	10	5	5	#1 -
16	5	5	5	10	
17	10	10	10	10	W
18	10	10	10	10	
19	10	10	10	10	
20	10	10	10	10	#1 -
21	10	10	10	10	
22	10	10	10	10	
23	10	10	5	5	
24	5	5	5	5	
25	5	5	5	5	#1 -
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	#1 -

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-14-13
Organization	
Certified by	Date

Continue on reverse side

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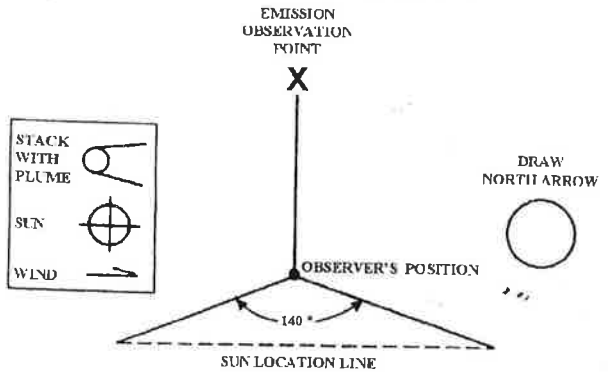
VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
02-14-13	1331	1400

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1 - Engine off
2	5	5	5	5	
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	#1 -
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	#1 -
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	#1 -
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	#1 -
21	10	10	5	5	#1 -
22	5	5	5	5	
23	5	5	5	5	
24	5	5	5	5	
25	5	5	5	5	#1 -
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	#1 -

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-14-13
Organization	
Certified by	Date

Continue on reverse side

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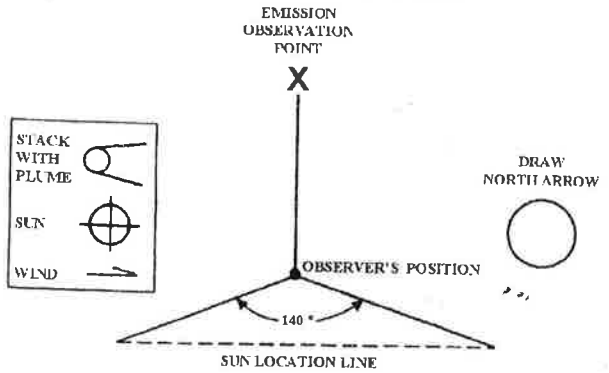
(15)

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 #1 Up & Running

Observation Date	Start Time	End Time
02-14-13	1501	1530

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-14-13
Organization	
Certified by	Date

Continue on reverse side

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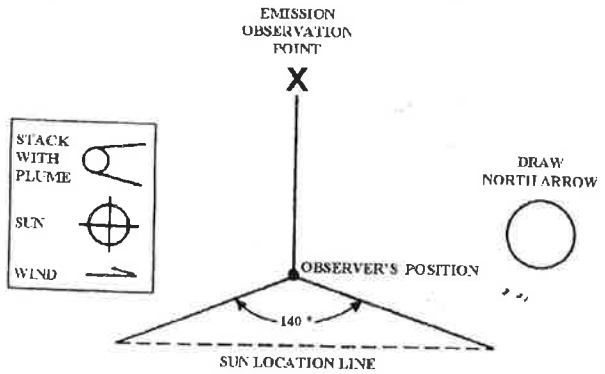
VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date: 02-14-13 | Start Time: 1531 | End Time: 1600

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-14-13
Organization	
Certified by	Date

Continue on reverse side

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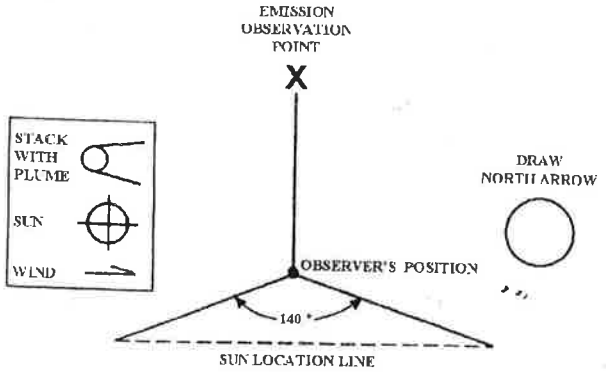
(17)

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
02-14-13	1601	1630

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

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-14-13
Organization	
Certified by	Date

Continue on reverse side

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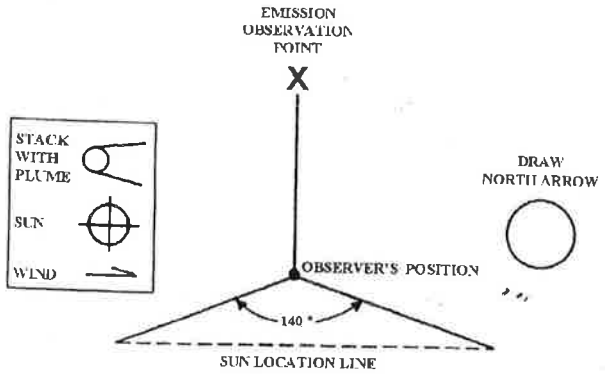
VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
02-14-13	1631	1700

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

Observer's Name (Print): Eric Gregorius

Observer's Signature: Eric Gregorius — Date: 02-14-13

Organization

Certified by — Date

Continue on reverse side

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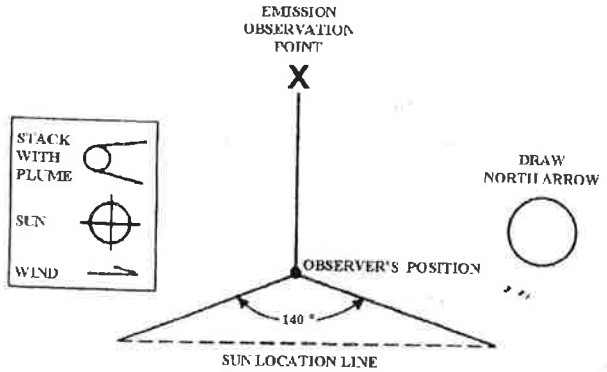
VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date: 02-14-13 | Start Time: 1701 | End Time: 1730

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1-5-5-5-5
2	5	5	5	5	5-5-5-5
3	5	5	5	5	5-5-5-5
4	5	5	5	5	5-5-5-5
5	5	5	5	5	#1-5-5-5-5
6	5	5	5	5	5-5-5-5
7	5	5	5	5	5-5-5-5
8	5	5	5	5	5-5-5-5
9	5	5	5	5	5-5-5-5
10	5	5	5	5	#1-5-5-5-5
11	5	5	5	5	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	5	5	5	5	10-10-10-10
23	5	5	5	5	10-10-10-10
24	5	5	5	5	10-10-10-10
25	5	5	5	5	#1-10-10-10-10
26	5	5	5	5	10-10-10-10
27	5	5	5	5	10-10-10-10
28	5	5	5	5	10-10-10-10
29	5	5	5	5	10-10-10-10
30	5	5	5	5	#1-10-10-10-10

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-14-13
Organization	
Certified by	Date

Continue on reverse side