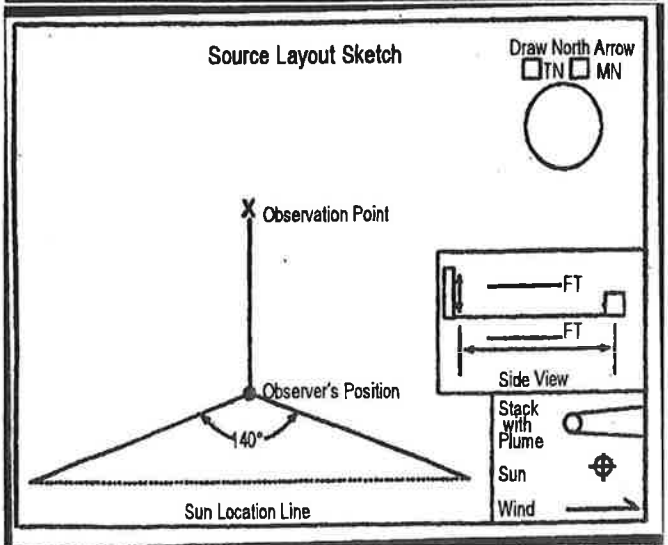
EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME: ECC		
LOCATION: FLOYD BENNETT FIELD		
LOCATION		
CITY: BK	STATE: NY	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
2-5-13	0200	0230 HRS.

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

OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE	DATE: 2-5-13
ORGANIZATION: NYC-DEP.	
CERTIFIED BY	DATE

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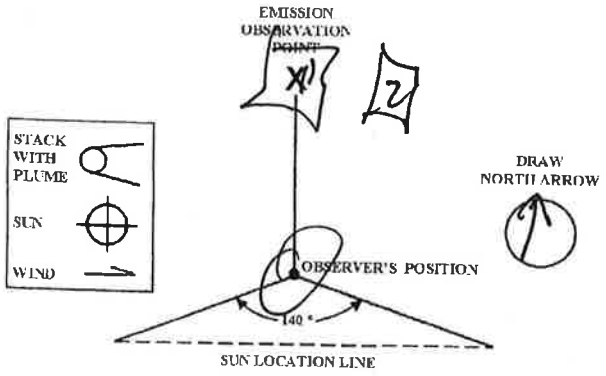
VISIBLE EMISSION OBSERVATION FORM

Company Name	DCC		
Location	MOYD BENNETT FIELD		
City	BK	State NY	Zip
Process Equipment		Operating Mode ON	
Control Equipment		Operating Mode ON	

Describe Emission Point	
Height of Emission Point	Height Relative to Observer: Start / End
Distance to Emission Point: Start 150 FT End	Direction to Emission Point: Start / End
Vertical Angle to Observation Pt.: Start / End	Direction to Observation Point: Start / End
Describe Emissions: Start GREY SMOKE End	
Emission Color: Start GREY End	If Water Droplet Plume (Circle): Attached Detached N/A
Point In The Plume At Which Opacity Was Determined: Start / End	
Describe Plume Background: Start / End	
Background Color: Start GRN/BLUE End	Sky Condition: Start OVERCAST End
Wind Speed: Start 11MPH End	Wind Direction: Start 40° NE End
Ambient Temp: Start 32° End	Wet Bulb Temp 25° / RH Percent 90

SOURCE LAYOUT SKETCH



Additional Information: EMISSION OFF DUE TO MOVING AROUND ASH CONTAINER

Observation Date	Start Time	End Time
2-5-13	11:00 AM	11:30 AM

Sec / Min	0	15	30	45	Comments: BURNER (2)
1	5	5	5	5	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	0	0	5 5 5 5
5	5	5	5	0	5 5 5 5
6	10	10	10	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	5 5 5 5
11	5	0	0	0	10 10 10 10
12	5	5	5	5	10 10 10 10
13	5	5	5	5	10 10 10 10
14	5	0	0	0	10 10 10 10
15	0	0	0	0	5 5 5 5
16	0	0	0	0	5 5 5 5
17	0	0	0	0	5 5 5 5
18	0	0	0	0	5 5 5 5
19	5	5	5	5	5 5 5 5
20	5	5	5	5	5 5 5 5
21	5	5	5	5	5 5 5 5
22	5	0	0	0	5 5 5 5
23	0	0	0	0	0 0 0 0
24	0	0	0	0	0 0 0 0
25	0	0	0	0	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 5 5
30	0	0	0	0	5 5 5 5

Observer's Name (Print)	BENNY BRUNO
Observer's Signature	Date 2-5-13
Organization	NYC DEP
Certified by: AERO QUAL MANAGER	Date 10-4-12
Continue on reverse side	

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VISIBLE EMISSION OBSERVATION FORM

Company Name: GCC			
Location: FLOYD BENNETT FIELD			
City: BK	State: NY	Zip:	
Process Equipment:		Operating Mode: 9a	
Control Equipment:		Operating Mode: ON	

Describe Emission Point

Height of Emission Point	Height Relative to Observer: Start End
Distance to Emission Point: Start 150 FT End	Direction to Emission Point: Start End
Vertical Angle to Observation Pt.: Start End	Direction to Observation Point: Start End

Describe Emissions

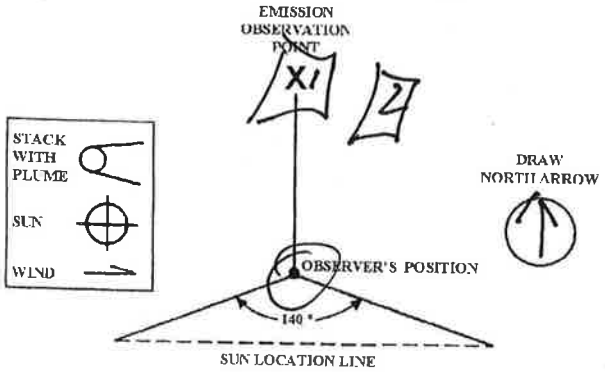
Start End

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 RED BLUE End		
Background Color: Start GREY End	Sky Condition: OVERCAST Start End	
Wind Speed: Start 4 MPH End	Wind Direction: Start End 40 VENT	
Ambient Temp: Start 32° End	Wet Bulb Temp: 25°	RH Percent: 90

SOURCE LAYOUT SKETCH



Additional Information

Observation Date: 2-5-13	Start Time: 11:30 AM	End Time: 12:00 PM

Sec / Min	0	15	30	45	Comments: 12 BURNER
1	10	10	10	10	5 5 5 5
2	10	10	10	10	5 5 5 5
3	10	10	10	10	5 5 5 5
4	10	10	10	10	10 10 10 10
5	10	10	10	10	10 10 10 10
6	10	10	10	10	5 5 5 5
7	10	10	10	10	5 5 5 5
8	10	10	10	10	5 5 5 5
9	5	5	5	5	5 5 5 5
10	5	5	5	5	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	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	0 0 0 0
19	5	5	5	5	0 0 0 0
20	10	10	10	10	0 0 0 0
21	10	10	10	10	0 0 0 0
22	15	15	15	15	5 5 5 5
23	15	15	15	15	5 5 5 5
24	10	10	10	10	10 10 10 10
25	10	10	10	10	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	0	0	0	0	5 5 5 5
30	0	0	0	0	5 5 5 5

Observer's Name (Print): BENNY BRUNO	
Observer's Signature	Date: 2-5-13
Organization: NYCDEP	
Certified by: AEROMET ENG INC	Date: 10-4-13

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FLOYD BENNETT FIELD		
City: BK	State: NY	Zip:
Process Equipment		Operating Mode: ON
Control Equipment		Operating Mode: ON

Describe Emission Point

Height of Emission Point	Height Relative to Observer: Start / End
Distance to Emission Point: Start 150 FT 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

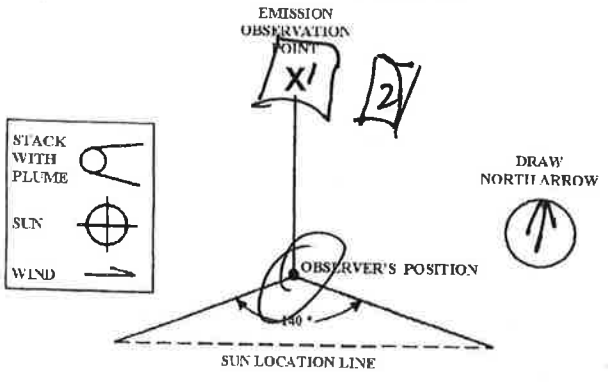
Point In The Plume At Which Opacity Was Determined: Start / End

Describe Plume Background

Start: RED + BLUE COVERALLS End

Background Color: Start RED + BLUE	Sky Condition: Start OVERCAST End	
Wind Speed: Start 11 MPH End	Wind Direction: Start 30° NNE End	
Ambient Temp°: Start 32 End	Wet Bulb Temp 25°	RH Percent 90

SOURCE LAYOUT SKETCH



Additional Information: BURNING TREE BRANCHES

Observation Date	Start Time	End Time
2-5-13	12:00 PM	12:30 PM

Sec / Min	0	15	30	45	Comments
1	S	S	S	S	#2 BURNER
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	10 10 10 10
7	S	S	S	S	10 10 10 10
8	S	S	S	S	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	S	S	S	S	10 10 10 10
14	S	S	S	S	10 10 10 10
15	S	S	S	S	10 10 10 10
16	S	S	S	S	10 10 10 10
17	10	10	10	10	10 10 10 10
18	10	10	10	10	10 10 10 10
19	S	S	S	S	S S S S
20	S	S	S	S	S S S S
21	S	S	S	S	S S S S
22	S	S	S	S	10 10 10 10
23	S	S	S	S	10 10 10 10
24	0	0	0	0	S S S S
25	0	0	0	0	S S S S
26	0	0	0	0	10 10 10 10
27	S	S	S	S	S S S S
28	0	0	0	0	S S S S
29	0	0	0	0	S S S S
30	0	0	0	0	S S S S

Observer's Name (Print): BENNY BRUNO

Observer's Signature: [signature] Date: 2-5-13

Organization: NYC DEP

Certified by: AEROMET ENG INC Date: 10-4-12

Continue on reverse side

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VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC			
Location: Floyd Bennett Field			
City: BK	State: NY	Zip:	
Process Equipment		Operating Mode: ON	
Control Equipment		Operating Mode: ON	

Describe Emission Point

Height of Emission Point	Height Relative to Observer: Start End
Distance to Emission Point: Start 150 FT 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

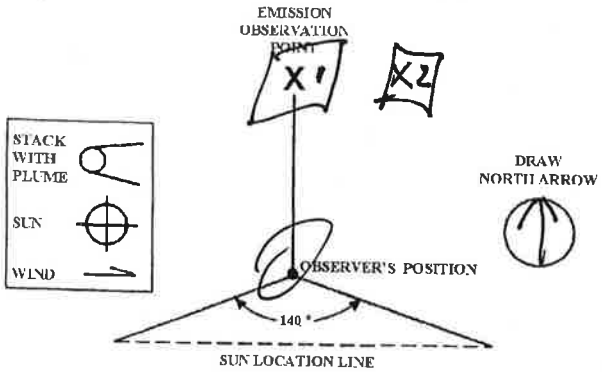
Start End

Describe Plume Background

Start RED + BLUE End

Background Color: Start RED + BLUE End	Sky Condition: Start OVERCAST End	
Wind Speed: Start 11 mph End	Wind Direction: Start 0 End 30 NNE	
Ambient Temp: Start 32° End	Wet Bulb Temp 25°	RH Percent 90

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
2-5-13	12:30	1300 pm

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

Observer's Name (Print): BENNY BRUNO	
Observer's Signature	Date: 2-5-13
Organization: NYC DEP	
Certified by: HEROMET Eng INC	Date: 10-4-12
Continue on reverse side	

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VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC			
Location: FLOYD BENNETT FIELD			
City: BK	State: NY	Zip:	
Process Equipment:		Operating Mode: OW	
Control Equipment:		Operating Mode: OW	

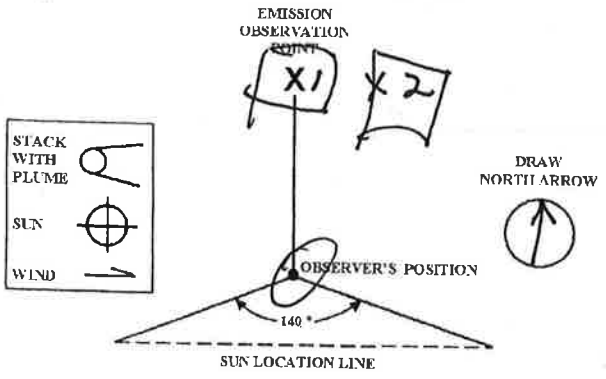
Describe Emission Point:

Height of Emission Point	Height Relative to Observer: Start / End
Distance to Emission Point: Start 150 FT End	Direction to Emission Point: Start / End
Vertical Angle to Observation Pt.: Start / End	Direction to Observation Point: Start / End

Describe Emissions: Start GREY ROLLING SMOKE End

Emission Color: Start GREY End	If Water Droplet Plume (Circle): Attached Detached N/A
Point In The Plume At Which Opacity Was Determined: Start / End	
Describe Plume Background: Start RED + BLUE End CONTAINER	
Background Color: Start RED + BLUE End	Sky Condition: Start 100% OVER CAST End
Wind Speed: Start 11 MPH End	Wind Direction: Start 30° End NNE
Ambient Temp°: Start 32 End	Wet Bulb Temp 25° / RH Percent 80%

SOURCE LAYOUT SKETCH



Additional Information:

Observation Date: 2-5-13 | Start Time: 1300 PM | End Time: 1330 PM

Sec / Min	0	15	30	45	Comments: #2 BURNER
1	S	0	0	S	10 10 10 10
2	S	0	0	0	10 10 10 10
3	S	0	0	S	10 10 10 00
4	S	0	0	S	10 10 10 10
5	S	0	0	S	10 10 10 10
6	S	0	0	S	10 10 10 10
7	S	0	0	S	10 10 10 10
8	S	0	0	S	10 10 10 10
9	S	0	0	0	10 10 10 10
10	S	0	0	0	S S S 0
11	S	0	0	0	S S S 0
12	S	0	0	0	S S S 0
13	S	0	0	0	S 0 0 0
14	S	0	0	0	S S S 0
15	S	0	0	0	10 10 10 10
16	S	0	0	S	10 10 10 10
17	10	10	10	10	10 10 10 10
18	10	10	10	10	10 10 10 10
19	10	10	10	10	10 10 10 10
20	10	10	10	10	10 10 10 10
21	15	15	15	15	10 10 10 10
22	15	15	15	15	10 10 10 10
23	15	15	15	15	10 10 10 10
24	15	15	15	15	10 10 10 10
25	10	10	10	10	S S S S
26	10	10	10	10	S 0 0 0
27	10	10	10	10	S 0 0 0
28	15	15	15	15	10 10 10 10
29	15	15	15	15	10 10 10 10
30	15	15	15	15	10 10 10 10

Observer's Name (Print): BENNY BRUNO

Observer's Signature: [signature] Date: 2-5-13

Organization: NYC DEP.

Certified by: AERO MET ENG INC Date: 2-6-13

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC			
Location: FLOYD BENNETT FIELD			
City: BK	State: NY	Zip:	
Process Equipment:		Operating Mode: ON	
Control Equipment:		Operating Mode: ON	

Describe Emission Point

Height of Emission Point	Height Relative to Observer: Start / End
Distance to Emission Point: Start 150 FT End	Direction to Emission Point: Start / End
Vertical Angle to Observation Pt.: Start / End	Direction to Observation Point: Start / End

Describe Emissions

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

Point In The Plume At Which Opacity Was Determined

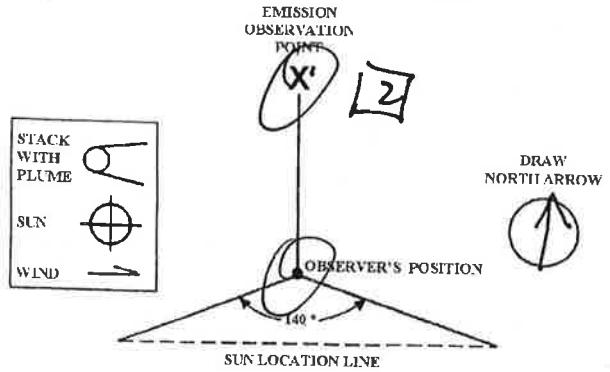
Start / End

Describe Plume Background

Start: RED + BLUE End:

Background Color: Start RED + BLUE End	Sky Condition: Start SNOW FLURRIES End OVERCAST
Wind Speed: Start 9 MPH End	Wind Direction: Start End 30° NNE
Ambient Temp: Start 42 End	Wet Bulb Temp 25° / RH Percent 81%

SOURCE LAYOUT SKETCH



Additional Information

Observation Date: 2-5-13	Start Time: 1330 PM	End Time: 1400 PM

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

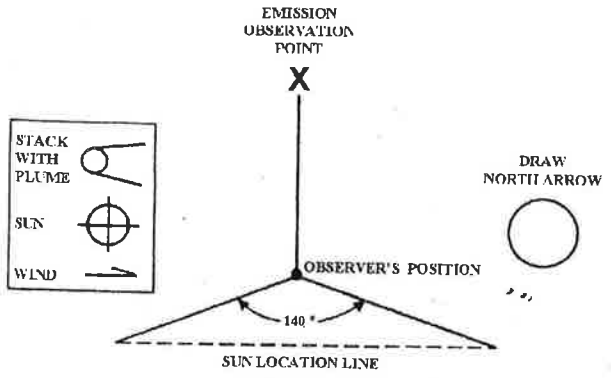
Observer's Name (Print): BENNY BRUNO	
Observer's Signature:	Date: 2-5-13
Organization: NYS DEP	
Certified by: AEROVAL Eng INC	Date: 10-4-12

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
02-05-13	1400	1430

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1 - 5 - 5 - 5 - 5
2	10	10	10	10	5 - 5 - 5 - 5
3	10	10	10	10	10 - 10 - 10 - 10
4	10	10	10	10	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	5 - 5 - 5 - 5
10	5	5	10	10	#1 - 5 - 5 - 5 - 5
11	10	10	10	10	5 - 5 - 5 - 5
12	10	5	5	5	5 - 5 - 5 - 5
13	5	5	5	5	5 - 5 - 5 - 5
14	10	10	10	10	10 - 10 - 10 - 10
15	10	10	10	10	#1 - 10 - 10 - 10 - 10
16	10	10	10	10	10 - 10 - 10 - 10
17	5	5	5	5	10 - 5 - 5 - 5
18	5	5	5	5	5 - 5 - 5 - 5
19	5	5	5	5	5 - 5 - 5 - 5
20	5	5	5	5	#1 - 10 - 10 - 10 - 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	10	10	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 02-05-13
Organization	
Certified by	Date

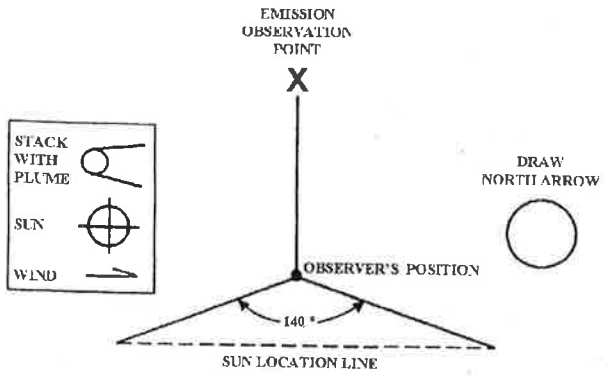
Continue on reverse side

(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
02-05-13	1431	1500

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

Observer's Name (Print)	
Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-05-13
Organization	
Certified by	Date

Continue on reverse side

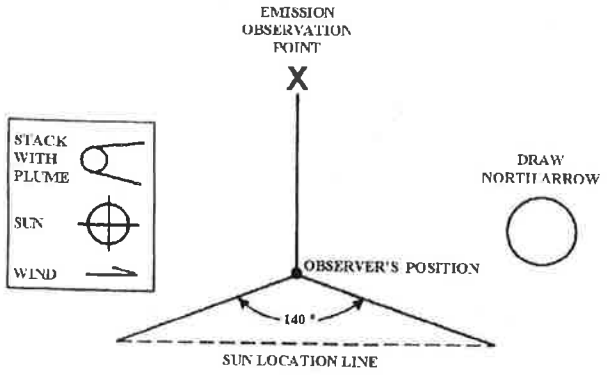
(2)

(3)

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
02-05-13	1501	1530

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

Observer's Name (Print)	
Eric Gregorius	
Observer's Signature	Date
Eric Gregorius	02-05-13
Organization	
Certified by	Date

Continue on reverse side

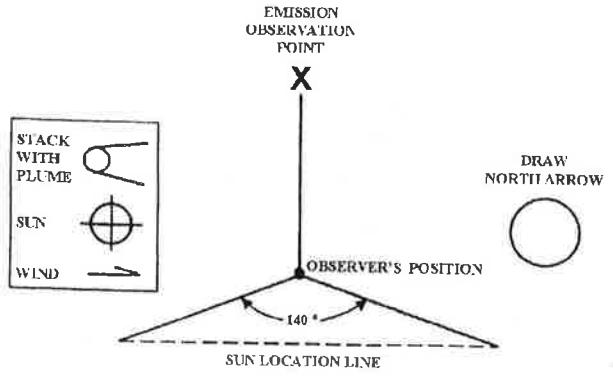
(3)

(4)

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date: 02-05-13 | Start Time: 1531 | End Time: 1600

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

Observer's Name (Print): Eric Gregorius

Observer's Signature: Eric Gregorius | Date: 02-05-13

Organization

Certified by | Date

Continue on reverse side

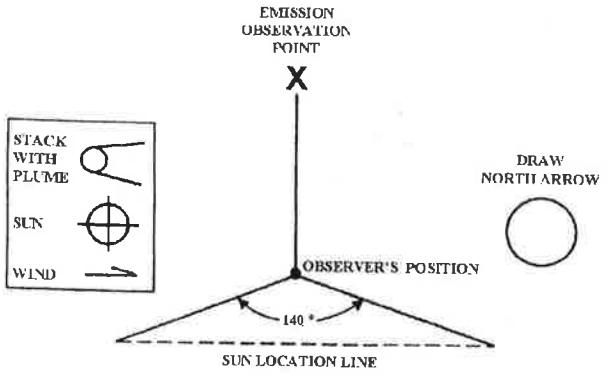
(4)

(5)

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
02-05-13	1601	1630

Min \ Sec	0	15	30	45	Comments
1	15	15	15	15	#1-15-15-15-15
2	15	15	15	15	15-15-15-15
3	15	15	15	15	15-15-15-15
4	15	15	15	15	15-10-10-10
5	15	30	30	30	Stir #1-10-10-10-10
6	20	20	15	15	10-50-50-50 Stir
7	15	15	15	15	50-50-40-40
8	15	15	15	15	40-40-20-20
9	15	15	15	15	10-15-15-15
10	15	15	15	15	#1-15-15-15-15
11	15	15	15	15	15-15-15-15
12	15	15	15	15	15-15-15-15
13	15	15	15	15	15-15-15-15
14	15	15	15	15	15-15-15-15
15	15	15	15	15	#1-15-15-15-15
16	15	15	15	15	15-15-15-15
17	15	15	15	15	15-15-15-15
18	15	15	15	15	15-15-15-15
19	15	15	15	15	15-15-15-15
20	15	15	15	15	#1-15-15-15-15
21	15	15	15	15	15-15-15-15
22	15	15	15	15	15-15-15-15
23	15	15	15	15	15-15-15-15
24	15	15	15	15	15-15-15-15
25	15	15	15	15	#1-15-15-15-15
26	15	15	15	15	15-15-15-15
27	15	15	15	15	15-15-15-15
28	15	15	15	15	15-15-15-15
29	15	15	15	15	15-15-15-15
30	15	15	15	15	#1-15-15-15-15

Observer's Name (Print)	
Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-05-13
Organization	
Certified by	Date

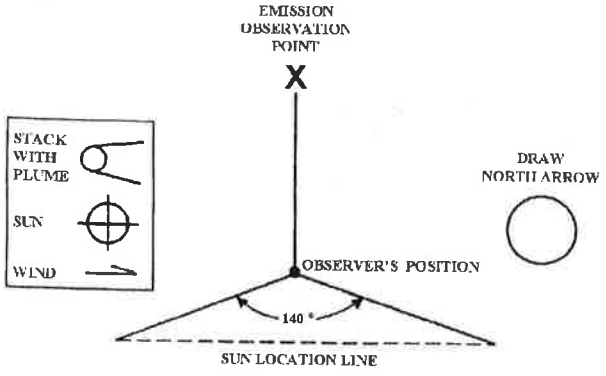
Continue on reverse side

(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
1645 Shut Down #2 Engine

Observation Date	Start Time	End Time
02-05-13	1631	1700

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

Observer's Name (Print)	
Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-05-13
Organization	
Certified by	Date

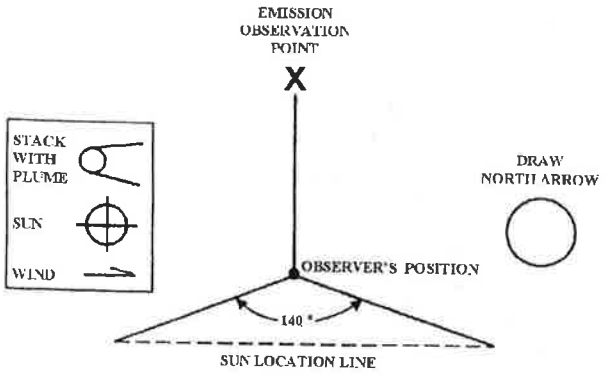
Continue on reverse side

(7)

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information
Unit #1 Engine off 1705 Hrs

Observation Date	Start Time	End Time
02-05-13	1701	1730

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

Observer's Name (Print)	
Observer's Signature	Date: 02-05-13
Organization	
Certified by	Date

Continue on reverse side

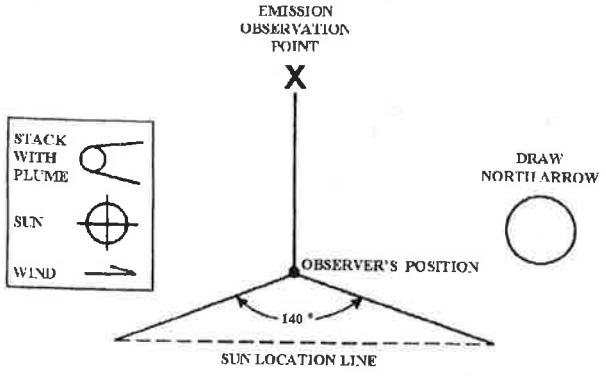
(7)

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
02-05-13	1731	1800

Sec / Min	0	15	30	45	Comments
1	Wood Burn				#1 - Ash Clean Out
2	Keep Hot				
3					
4					
5					#1 -
6					Add Wood
7					Keep Hot
8					
9					
10					#1 -
11					
12					
13					
14					
15					#1 -
16					
17					
18					
19					
20					#1 -
21					
22					
23					
24	Restart Engine				
25	Unable to Read				#1 -
26	Due to Smoke				
27	from #1				
28					
29					
30					#1 -

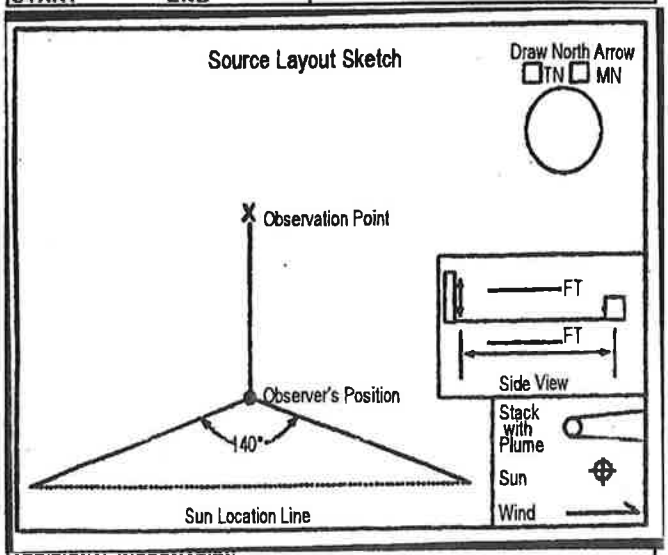
Observer's Name (Print)	
Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-05-13
Organization	
Certified by	Date

Continue on reverse side

8

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
2-5-13	0230	0300 HRS

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

OBSERVER'S NAME (PRINT): PINTON HANA	
OBSERVER'S SIGNATURE	DATE: 2-5-13
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

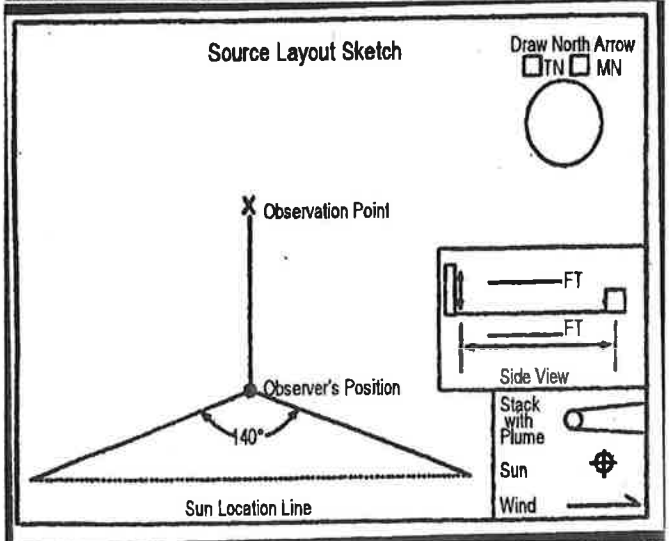
DESCRIBE EMISSIONS
START END

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

Source Layout Sketch



ADDITIONAL INFORMATION
#1 INCINERATOR STABILIZED.

OBSERVATION DATE	START TIME	END TIME
2-5-13	0300	0330 HRS

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

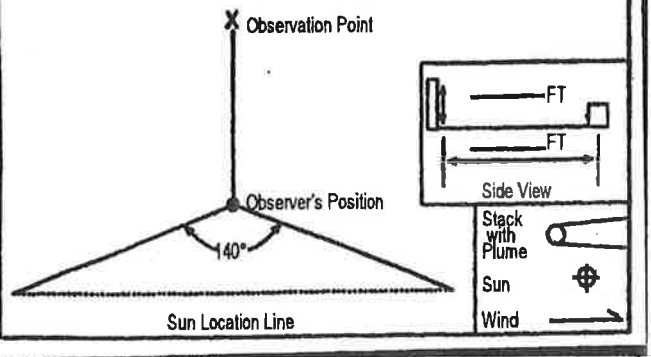
OBSERVER'S NAME (PRINT): ANTON HANS	
OBSERVER'S SIGNATURE	DATE: 2-5-13
ORGANIZATION: NYC-DEP.	
CERTIFIED BY	DATE

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

Source Layout Sketch

Draw North Arrow ☐TN ☐MN



ADDITIONAL INFORMATION

#1 INCINERATOR STABILIZED.

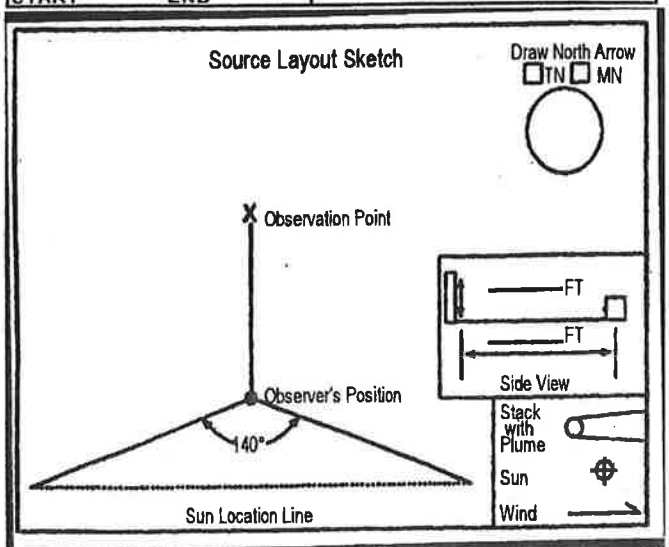
OBSERVATION DATE	START TIME	END TIME
2-5-13	0330	0400 HRS

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

OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE	DATE: 2-5-13
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: NY	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



ADDITIONAL INFORMATION

#2 INCINERATOR STABILIZED

OBSERVATION DATE	START TIME	END TIME
2-5-13	0400	0430 HRS

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

OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE	DATE: 2-5-13
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

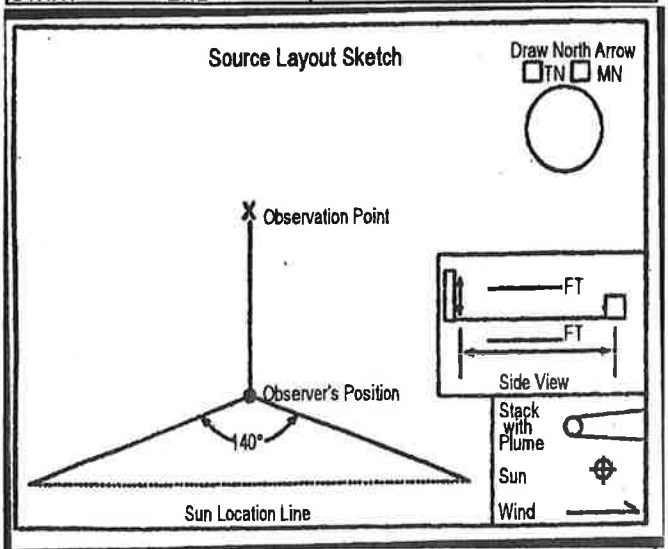
DESCRIBE EMISSION POINT

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



ADDITIONAL INFORMATION
#2 INCINERATOR STABILIZED

OBSERVATION DATE	START TIME	END TIME
2-5-13	0430	0500

SEC / MIN	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	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	15	15	15	15	N N
18	10	10	10	10	LOADING
19	10	10	10	10	
20	5	5	5	5	
21					
22					
23					
24					
25	5	5	5	5	LOADING
26	5	5	5	5	NO LOADING
27					
28					
29					
30	5	5	5	5	NO LOADING

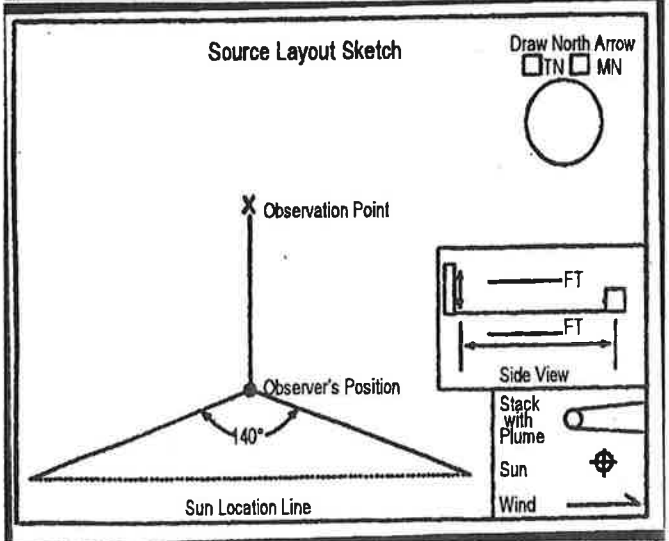
OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE	DATE: 2-5-13
ORGANIZATION: NYC-DEP-	
CERTIFIED BY	DATE

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

Source Layout Sketch



ADDITIONAL INFORMATION

#1 INCINERATOR STABILIZED.

OBSERVATION DATE	START TIME	END TIME
2-5-13	0500	0530

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

OBSERVER'S NAME (PRINT): EATON HAND	
OBSERVER'S SIGNATURE	DATE: 2-5-13
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:

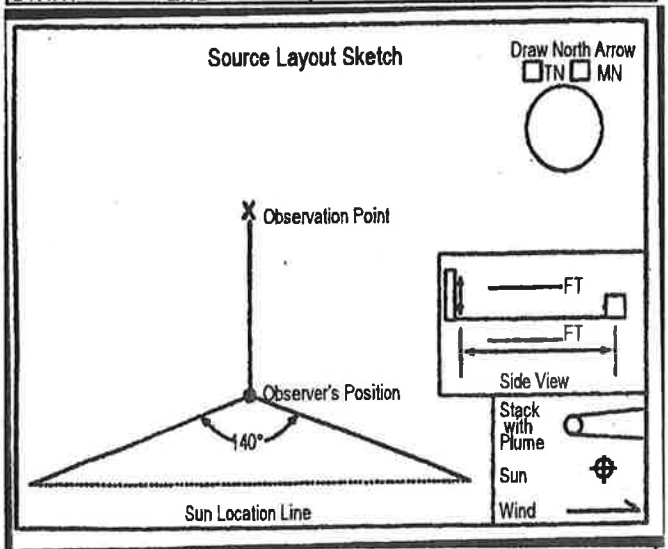
DESCRIBE EMISSION POINT:

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



ADDITIONAL INFORMATION:
#2 INCINERATOR STABILIZED.

OBSERVATION DATE	START TIME	END TIME
2-5-13	0530	0600 HR

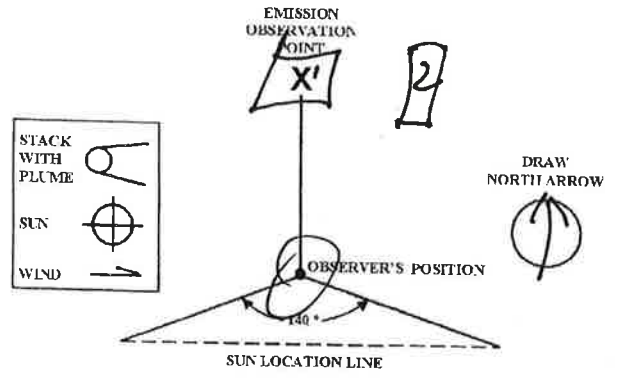
SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	NO LOADING
2					
3					
4					
5	5	5	5	5	NO LOADING
6	10	10	10	10	LOADING
7					
8					
9					
10	10	10	10	10	LOADING
11	5	5	5	5	
12					
13					
14					
15					
16					
17	5	5	5	5	LOADING
18	5	5	5	5	NO LOADING
19					
20					
21					
22					
23	5	5	5	5	NO LOADING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

OBSERVER'S NAME (PRINT): ANTON HANS	
OBSERVER'S SIGNATURE: [signature]	DATE: 2-5-13
ORGANIZATION: NYC-DEP.	
CERTIFIED BY	DATE

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC			
Location: FLOYD BENNETT FIELD			
City: BK	State: NY	Zip:	
Process Equipment		Operating Mode: ON	
Control Equipment		Operating Mode: ON	
Describe Emission Point: BLUISH GREY SMOKE			
Height of Emission Point	Height Relative to Observer: Start / End		
Distance to Emission Point: Start 150 FT End	Direction to Emission Point: Start NORTH End		
Vertical Angle to Observation Pt.: Start / End	Direction to Observation Point: Start / End		
Describe Emissions: Start / End			
Emission Color: Start GREY End	If Water Droplet Plume (Circle): Attached Detached N/A		
Point In The Plume At Which Opacity Was Determined: Start 2FT ABOVE BURNER			
Describe Plume Background: Start REDDY BLUE End CONTAINERS			
Background Color: Start REDDY BLUE End	Sky Condition: Start OVER CAST End SNOW		
Wind Speed: Start 7 MPH End	Wind Direction: Start 50° NE End		
Ambient Temp: Start 32° End	Wet Bulb Temp: 25°	RH Percent: 92	

SOURCE LAYOUT SKETCH



Additional Information: BURNING TREE BRANCHES

Observation Date	Start Time	End Time
2-5-13	7:00 AM	7:30 PM

Min \ Sec	0	15	30	45	Comments: 2 BURNER
1	10	10	10	10	5 5 5 5
2	10	10	10	10	5 5 5 5
3	10	10	10	10	5 5 5 5
4	10	10	10	10	5 5 5 5
5	10	10	10	10	5 5 5 5
6	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	10	10	10	10	5 5 5 5
10	10	10	10	10	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	5	5	5	5	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
20	10	10	10	10	5 5 5
21	10	10	10	10	5 5 5 5
22	10	10	10	10	5 5 5 5
23	10	10	10	10	5 5 5 5
24	10	10	10	10	5 5 5 5
25	10	10	10	10	5 5 5 5
26	10	10	10	10	5 5 5 5
27	10	10	10	10	5 5 5 5
28	10	10	10	10	5 5 5 5
29	15	15	15	15	5 5 5 5
30	15	15	15	15	5 5 5 5

Observer's Name (Print): BENNY BRUNO	
Observer's Signature	Date: 2-5-13
Organization: NYC DEP	
Certified by: AEROMETRY INC	Date: 10-4-12

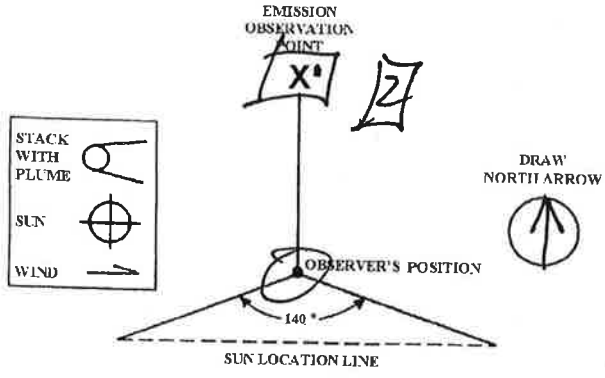
Continue on reverse side

Pg 2

VISIBLE EMISSION OBSERVATION FORM

Company Name	ELL
Location	FLOYD BENNETT FIELD
City	BK
State	NY
Zip	
Process Equipment	
Operating Mode	OW
Control Equipment	
Operating Mode	OW
Describe Emission Point	BLUISH GREY SMOKE
Height of Emission Point	
Height Relative to Observer	Start End
Distance to Emission Point	Start 150 FT End
Direction to Emission Point	Start NORTH End
Vertical Angle to Observation Pt.	Start End
Direction to Observation Point	Start End
Describe Emissions	Start GREY SMOKE End
Emission Color	Start ~~RED~~ GREY End
If Water Droplet Plume (Circle)	Attached Detached N/A
Point In The Plume At Which Opacity Was Determined	Start 2 FT ABOVE BURNERS. End
Describe Plume Background	Start End
Background Color	Start RED + End BLUE
Sky Condition	Start LIGHT OVERCAST End SNOW
Wind Speed	Start 7 MPH End
Wind Direction	Start 50° NEAST End
Ambient Temp	Start 32° End
Wet Bulb Temp	25°
RH Percent	92°

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
2-5-13	7:30 AM	8:00 AM

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

Observer's Name (Print)	BENNY BRUNO
Observer's Signature	[signature]
Date	2-5-13
Organization	NYC DEP.
Certified by	HEROMET ENG. INC
Date	10-4-12

Additional Information

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC			
Location: FLOYD BENNETT FIELD			
City: BK	State: NY	Zip:	
Process Equipment		Operating Mode: ON	
Control Equipment		Operating Mode: ON	

Describe Emission Point

Height of Emission Point	Height Relative to Observer: Start End
Distance to Emission Point: Start 150 FT End	Direction to Emission Point: Start End
Vertical Angle to Observation Pt.: Start End	Direction to Observation Point: Start End

Describe Emissions

Start GREY SMOKE End WITH FLAMES

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

Point In The Plume At Which Opacity Was Determined

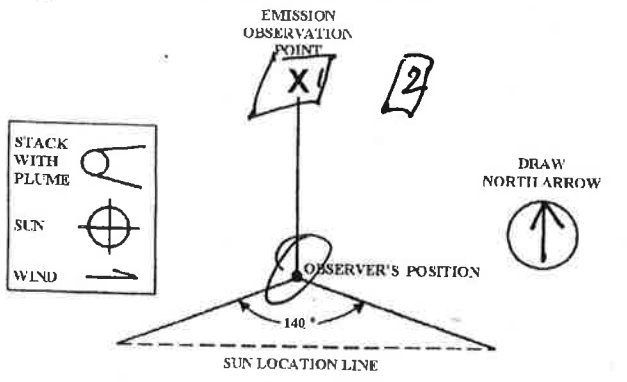
Start End

Describe Plume Background

Start End

Background Color: Start RED BRICK	Sky Condition: Start OVERCAST End SNOW
Wind Speed: Start 7 MPH End	Wind Direction: Start 50° End NE
Ambient Temp: Start 32° End	Wet Bulb Temp 25° / RH Percent 90%

SOURCE LAYOUT SKETCH



Additional Information: BURNING TREE BRANCHES

Observation Date	Start Time	End Time
2-5-13	8:00 AM	8:30 AM

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

Observer's Name (Print): BENNY BRUNO	
Observer's Signature	Date: 2-5-13
Organization: NYC DEP	
Certified by: HEADWET ENG INC	Date: 10-4-12

Continue on reverse side

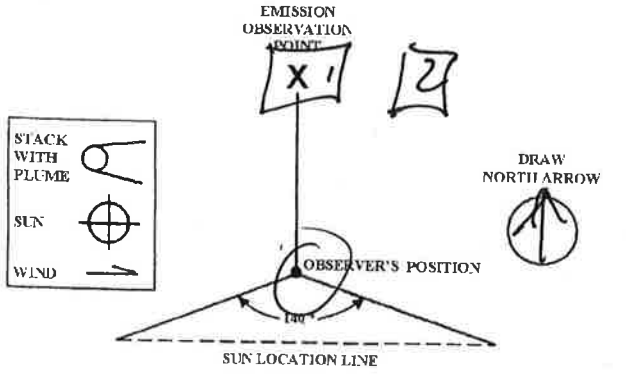
VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FLOYD BENNETT FIELD		
City: BK	State: NY	Zip:
Process Equipment: #2 Air Burner	Operating Mode: ow	
Control Equipment	Operating Mode: ow	
Describe Emission Point		
Height of Emission Point	Height Relative to Observer: Start / End	
Distance to Emission Point: Start 150 FT End	Direction to Emission Point: Start / End	
Vertical Angle to Observation Pt.: Start / End	Direction to Observation Point: Start / End	
Describe Emissions: Start GREY Smoke with Plume		
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 RED + BLUE End		
Background Color: Start RED + BLUE End	Sky Condition: OVERCAST Start / End	
Wind Speed: Start 7 MPH End	Wind Direction: Start End 50° NE	
Ambient Temp: Start 32° End	Wet Bulb Temp: 26°	RH Percent: 90

Observation Date	Start Time	End Time
2-5-13	8:30	9:00

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

SOURCE LAYOUT SKETCH



Observer's Name (Print): DENNY BROWN	
Observer's Signature	Date: 2-5-13
Organization: NYC DEP	
Certified by: METEOROLOGY ENG	Date: 10-4-12
Continue on reverse side	

Additional Information: WOOD WET WITH SNOW

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FLOYD BENNETT FIELD		
City: BK	State: NY	Zip:
Process Equipment		Operating Mode: OK
Control Equipment		Operating Mode: OK

Describe Emission Point

Height of Emission Point	Height Relative to Observer: Start / End
Distance to Emission Point: Start 150 FT End	Direction to Emission Point: Start / End
Vertical Angle to Observation Pt.: Start / End	Direction to Observation Point: Start / End

Describe Emissions: Start / End: GREY SMOKE

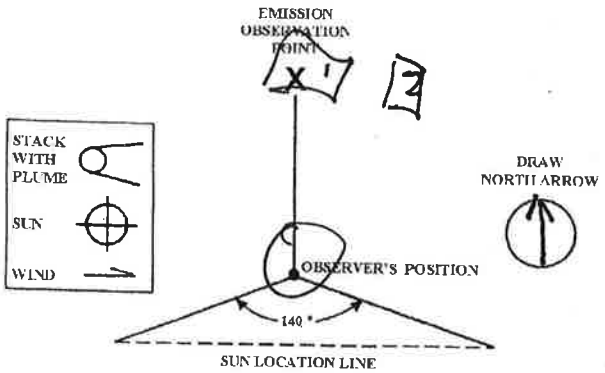
Emission Color: Start / End	If Water Droplet Plume (Circle): Attached Detached N/A

Point In The Plume At Which Opacity Was Determined: Start / End

Describe Plume Background: Start: RED + BLUE / End

Background Color: Start: RED End: BLUE	Sky Condition: Start: OVERCAST End: SNOW
Wind Speed: Start 11 MPH End	Wind Direction: Start 40 End NEAST
Ambient Temp: Start 32 End	Wet Bulb Temp: 28 / RH Percent: 90

SOURCE LAYOUT SKETCH



Additional Information: WOOD WET WITH SNOW

Observation Date	Start Time	End Time
2-5-13	9:00 AM	9:30 AM

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

Observer's Name (Print): BRUNO BRUNO	
Observer's Signature	Date: 2-5-13
Organization: NYC DEP.	
Certified by: AERO MET ENG INC	Date: 10-4-12

Continue on reverse side

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VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC			
Location: FLOYD BENNETT FIELD			
City: BK	State: NY	Zip:	
Process Equipment		Operating Mode: ON	
Control Equipment		Operating Mode: ON	

Describe Emission Point

Height of Emission Point	Height Relative to Observer: Start / End
Distance to Emission Point: Start 150 FT End	Direction to Emission Point: Start / End
Vertical Angle to Observation Pt.: Start / End	Direction to Observation Point: Start / End

Describe Emissions

Start: GREY SMOKE

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

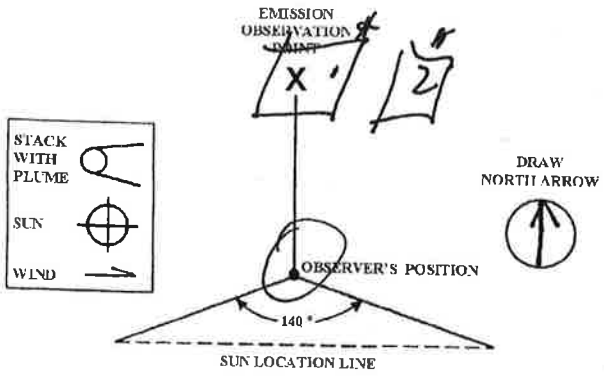
Point In The Plume At Which Opacity Was Determined: Start / End

Describe Plume Background

Start: RED TBLUE End:

Background Color: Start RED TBLUE End	Sky Condition: Start OVERCAST End
Wind Speed: Start 11MPH End	Wind Direction: Start 40° End NEAST
Ambient Temp: Start 32° End	Wet Bulb Temp: 25° / RH Percent: 90

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
2-5-13	9:30 AM	10:00 AM

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

Observer's Name (Print): BENNY BRAND	
Observer's Signature	Date: 2.5.13
Organization: NYC DEP	
Certified by: AEROMET ENG	Date: 10-4-12
Continue on reverse side	

Additional Information: BURNING WET WOOD BRANCHES

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VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FLOYD BENNETT FIELD		
City: BK	State: NY	Zip:
Process Equipment		Operating Mode: OA
Control Equipment		Operating Mode: ON

Describe Emission Point

Height of Emission Point	Height Relative to Observer: Start End
Distance to Emission Point: Start 150FT End	Direction to Emission Point: Start End
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End

Describe Emissions

Start GREY SMOKE End ROLLING

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

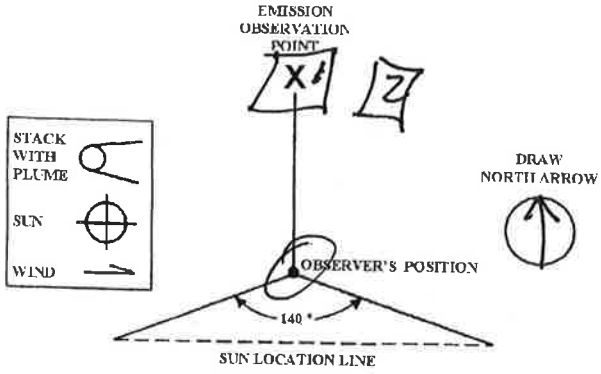
Point In The Plume At Which Opacity Was Determined: Start End

Describe Plume Background

Start End

Background Color: Start RED+BLUE End	Sky Condition: Start OVERCAST End
Wind Speed: Start 1 MPH End	Wind Direction: Start End 40° NE
Ambient Temp: Start 32 End	Wet Bulb Temp 25° / RH Percent 90°

SOURCE LAYOUT SKETCH



Additional Information

Observation Date: 2-5-13	Start Time: 10:00 AM	End Time: 10:30 AM

Sec / Min	0	15	30	45	Comments: #2 BURNER
1	5	5	5	5	0 0 0 0
2	5	5	5	5	0 0 0 0
3	5	5	5	5	5 5 5 5
4	5	5	5	5	5 5 5 5
5	5	5	5	5	5 5 5 5
6	5	5	5	5	5 5 5 5
7	5	5	5	5	5 5 5 5
8	10	10	10	10	10 10 10 10
9	10	10	10	10	10 10 10 10
10	10	10	10	10	5 5 5 5
11	15	15	15	15	10 10 10 10
12	15	15	15	15	10 10 10 10
13	10	10	10	10	5 5 5 5
14	10	10	10	10	5 5 5 5
15	10	10	10	10	5 5 5 5
16	10	10	10	10	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	0 0 0 0
20	5	5	5	5	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	0	0	0	0	0 0 0 0
26	0	0	0	0	0 0 0 0
27	10	10	10	10	0 0 0 0
28	10	10	10	10	0 0 0 0
29	10	10	10	10	5 5 5 5
30	10	10	10	10	5 5 5 5

Observer's Name (Print): JENNY BRUNO	
Observer's Signature	Date: 2-5-13
Organization: NYC DEP	
Certified by: AERO MET. ENG INC	Date: 10-4-12
Continue on reverse side	

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VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC			
Location: FLOYD BENNETT FIELD			
City: BK	State: NY	Zip:	
Process Equipment		Operating Mode: ON	
Control Equipment		Operating Mode: ON	

Describe Emission Point:

Height of Emission Point	Height Relative to Observer: Start End
Distance to Emission Point: Start 150 FT End	Direction to Emission Point: Start End
Vertical Angle to Observation Pt.: Start End	Direction to Observation Point: Start End

Describe Emissions: Start GREY End SMOKE

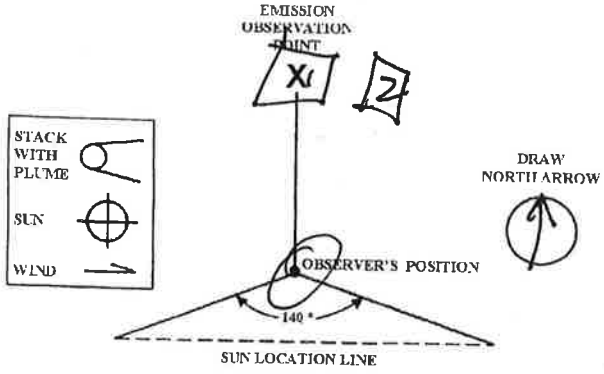
Emission Color: Start GREY End	If Water Droplet Plume (Circle): Attached Detached N/A

Point In The Plume At Which Opacity Was Determined: Start End

Describe Plume Background: Start End

Background Color: Start RED End BLUE	Sky Condition: Start OVERCAST End
Wind Speed: Start 11 MPH End	Wind Direction: Start 40° End NE/SW
Ambient Temp: Start 32° End	Wet Bulb Temp 25° / RH Percent 90°

SOURCE LAYOUT SKETCH



Additional Information:

Observation Date: 2-5-13 | Start Time: 10:30 AM | End Time: 11:00 AM

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

Observer's Name (Print): BENNY BRUNO

Observer's Signature: [signature] Date: 2-5-13

Organization: NYC DEP.

Certified by: AEROMET ENG INC Date: 10-4-12

Continue on reverse side