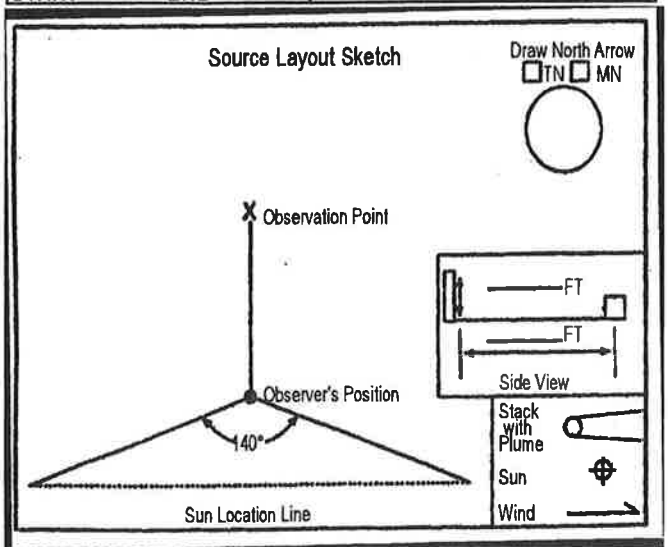
EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

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
2-12-13	0200	0230 HRS

SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	LOADING
2					
3					
4					
5					
6					
7					
8	5	5	5	5	LOADING
9	5	5	5	5	NO LOADING
10					
11					
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	10	10	10	10	LOADING
22	5	5	5	5	LOADING
23					
24					
25					
26	5	5	5	5	LOADING
27	5	5	5	5	NO LOADING
28					
29					
30	5	5	5	5	NO LOADING

OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE	DATE: 2-12-13
ORGANIZATION: NYC-DEP.	
CERTIFIED BY	DATE

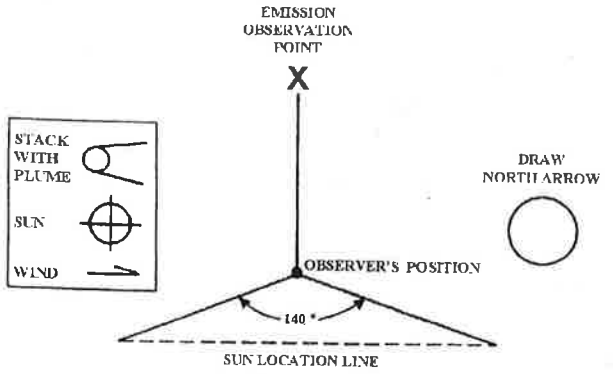
K

VISIBLE EMISSION OBSERVATION FORM

CONTAINER (1)

Company Name: ECC			
Location: FLOYD BENNETT FIELD			
City: BROOKLYN	State: NY	Zip: 11234	
Process Equipment: AIR CURTAIN BURNER		Operating Mode: 2	
Control Equipment		Operating Mode	
Describe Emission Point: GREY SMOKE			
Height of Emission Point: 10FT TO 15FT	Height Relative to Observer: Start 15FT End		
Distance to Emission Point: Start 150 End	Direction to Emission Point: Start NORTH End		
Vertical Angle to Observation Pt. Start End	Direction to Observation Point: Start NORTH 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 2FT ABOVE BURNER End			
Describe Plume Background: Start BLUE & RED CONTAINERS End			
Background Color: Start RED & BLUE End	Sky Condition: Start CLEAR End		
Wind Speed: Start 10 MPH End	Wind Direction: Start N-E End		
Ambient Temp: Start 38 End	Wet Bulb Temp	RH Percent	

SOURCE LAYOUT SKETCH



Additional Information

Observation Date: 2/12/13	Start Time: 11:00	End Time: 11:30

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

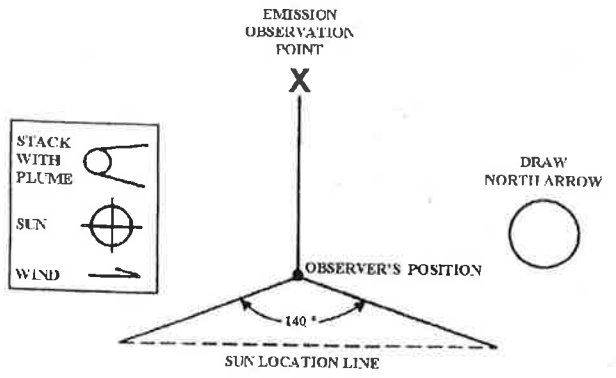
Observer's Name (Print): EMMANUEL OJO	
Observer's Signature	Date: 2/12/13
Organization: NYCDEP	
Certified by: ARDMORE ENG. INC	Date: 10/4/12
Continue on reverse side	

L

VISIBLE EMISSION OBSERVATION FORM CONTAINER 1

Company Name ECC			
Location FLOYD BENNETT FIELD			
City BROOKLYN	State NY	Zip 11234	
Process Equipment AIR CURTAIN BURNER		Operating Mode	
Control Equipment		Operating Mode	
Describe Emission Point GREY SMOKE			
Height of Emission Point 10FT TO 15FT		Height Relative to Observer Start 15FT End	
Distance to Emission Point Start 150 End		Direction to Emission Point Start NORTH End	
Vertical Angle to Observation Pt. Start End		Direction to Observation Point Start NORTH 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 2FT ABOVE BURNER End			
Describe Plume Background Start BLUE RED End CONTAINERS			
Background Color Start RED/BLUE End		Sky Condition Start CLEAR End	
Wind Speed Start 10MPH End		Wind Direction Start N-E End	
Ambient Temp Start 38 End	Wet Bulb Temp	RH Percent	

SOURCE LAYOUT SKETCH



Additional Information

Observation Date 2/12/13	Start Time 1130	End Time 1250

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

Observer's Name (Print) EMMANUEL OJO	
Observer's Signature	Date 2/12/13
Organization NYC DEP	
Certified by ABROMET ENG. INC	Date 10/4/12

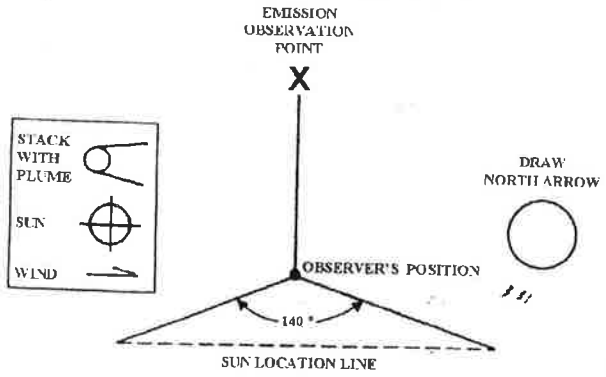
Continue on reverse side

M

VISIBLE EMISSION OBSERVATION FORM CONTAINER 1

Company Name: ECC		
Location: FLOYD BENNETT FIELD		
City: BROOKLYN	State: NY	Zip: 11234
Process Equipment: AIR CURTAIN BURNER		Operating Mode:
Control Equipment:		Operating Mode:
Describe Emission Point: GREY SMOKE		
Height of Emission Point: 10FT TO 15FT	Height Relative to Observer: Start 15FT End	
Distance to Emission Point: Start 150 End	Direction to Emission Point: Start NORTH End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point: Start NORTH 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 2FT ABOVE BURNER End		
Describe Plume Background: Start RED & BLUE CONTAINERS End		
Background Color: Start RED & BLUE	Sky Condition: Start CLEAR End	
Wind Speed: Start 10 MPH End	Wind Direction: Start N-E End	
Ambient Temp: Start 38 End	Wet Bulb Temp:	RH Percent:

SOURCE LAYOUT SKETCH



Additional Information

Observation Date: 2/12/13	Start Time: 1200PM	End Time: 1230PM

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	NOT BURNING WOODS
2	5	5	5	5	S
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	
6	5	5	5	5	
7	5	5	5	5	
8	5	5	5	5	
9	5	5	5	5	
10	10	10	10	10	BURNING WOODS
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	
16	15	10	10	10	
17	15	15	10	10	
18	10	15	15	15	
19	10	10	10	10	
20	10	10	10	10	
21	5	5	5	5	ARRANGED WOODS
22	5	5	5	5	
23	5	5	5	5	
24	5	5	5	5	
25	5	5	5	5	
26	5	5	5	5	
27	5	5	5	5	
28	5	5	5	5	
29	5	5	5	5	
30	5	5	5	5	

Observer's Name (Print): EMMANUEL OJO	
Observer's Signature: [signature]	Date: 2/12/13
Organization: NYC DEP	
Certified by: ARMET ENG-INC	Date: 10/4/12
Continue on reverse side	

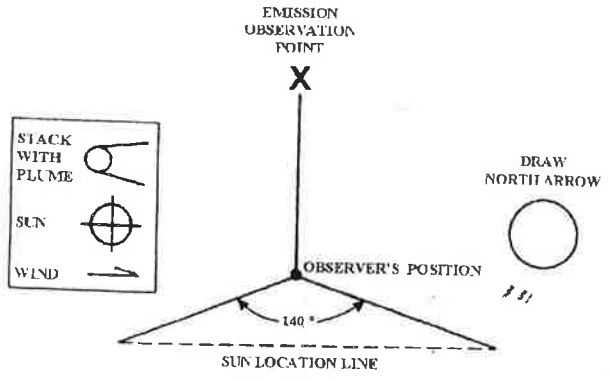
N

CONTAINER 1

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FLOYD BENNETT FIELD		
City: BROOKLYN	State: NY	Zip: 11234
Process Equipment: AIR CURTAIN BURNER		Operating Mode:
Control Equipment:		Operating Mode:
Describe Emission Point: GREY SMOKE		
Height of Emission Point: 10FT TO 15FT	Height Relative to Observer: Start 15FT End	
Distance to Emission Point: Start 150 End	Direction to Emission Point: Start NORTH End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point: Start NORTH 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 2FT ABOVE BURNER		
Describe Plume Background: Start RED & BLUE CONTAINERS		
Background Color: Start RED & BLUE	Sky Condition: Start CLEAR End	
Wind Speed: Start W MPH End	Wind Direction: Start N-E End	
Ambient Temp: Start 38 End	Wet Bulb Temp:	RH Percent:

SOURCE LAYOUT SKETCH



Additional Information

Observation Date: 2/12/13	Start Time: 1230	End Time: 1:00 PM

Sec / Min	0	15	30	45	Comments
1	10	10	10	10	BURNING WOODS
2	10	10	10	10	
3	10	10	10	10	
4	10	10	10	10	
5	15	15	15	10	
6	10	10	10	10	
7	10	10	10	10	
8	10	10	10	10	
9	10	10	10	10	
10	15	10	15	15	
11	5	5	5	5	NOT BURNING WOODS
12	5	5	5	5	
13	5	5	5	5	
14	5	5	5	5	
15	5	5	5	5	
16	5	5	5	5	
17	5	5	5	5	
18	5	5	5	5	
19	5	5	5	5	
20	5	5	5	5	
21	15	15	15	15	BURNING WOODS
22	10	15	10	10	
23	10	15	10	15	
24	10	10	10	10	
25	10	10	10	10	
26	10	10	10	10	
27	10	10	10	10	
28	10	10	15	15	
29	10	10	10	10	
30	10	10	10	10	

Observer's Name (Print): EMANUEL OTO		
Observer's Signature:	Date: 2/12/13	
Organization: NYC DEP		
Certified by: AEROMET ENG INC	Date: 10/4/12	

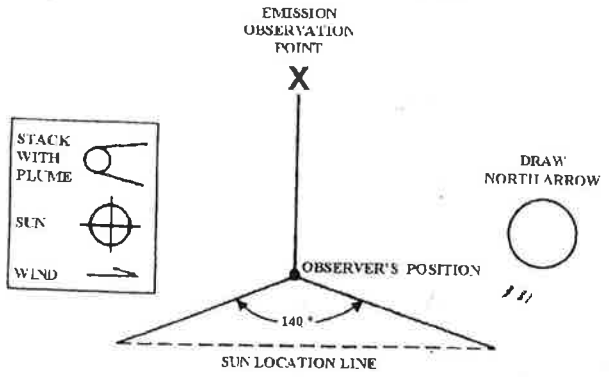
Continue on reverse side

CONTAINER NO 1

VISIBLE EMISSION OBSERVATION FORM

Company Name	ECC
Location	FLOYD BENNETT FIELD
City	BROOKLYN
State	NY
Zip	11234
Process Equipment	AIR CURTAIN BURNER
Operating Mode	
Control Equipment	
Operating Mode	
Describe Emission Point	GREY SMOKE
Height of Emission Point	10FT TO 15FT
Height Relative to Observer	Start 15FT End
Distance to Emission Point	Start 150 End
Direction to Emission Point	Start NORTH End
Vertical Angle to Observation Pt.	Start End
Direction to Observation Point	Start NORTH 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 2FT ABOVE BURNER End
Describe Plume Background	Start RED & BLUE CONTAINERS End
Background Color	Start RED & BLUE End
Sky Condition	Start CLEAR End
Wind Speed	Start 10 MPH End
Wind Direction	Start N-E End
Ambient Temp	Start 38°° End
Wet Bulb Temp	
RH Percent	

SOURCE LAYOUT SKETCH



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

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

Observer's Name (Print)	EMMANUEL OJO
Observer's Signature	[signature]
Date	2/12/13
Organization	NYC DEP
Certified by	AEROMET ENG INC
Date	10/4/12

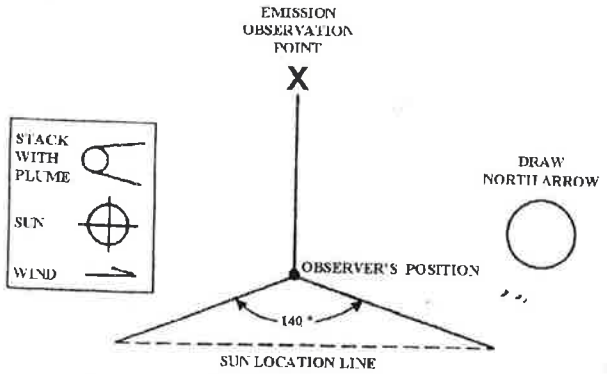
Additional Information

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

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

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
02-12-13	1430	1500

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

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wood ↓

Observer's Name (Print)	
Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-11-13
Organization	
Certified by	Date

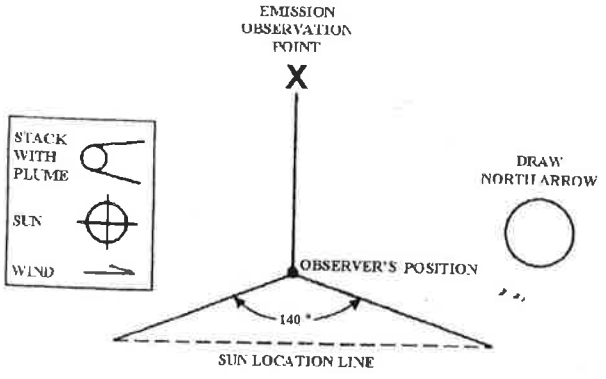
Continue on reverse side

(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
02-12-13	1501	1530

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

Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-12-13
Organization	
Certified by	Date

Continue on reverse side

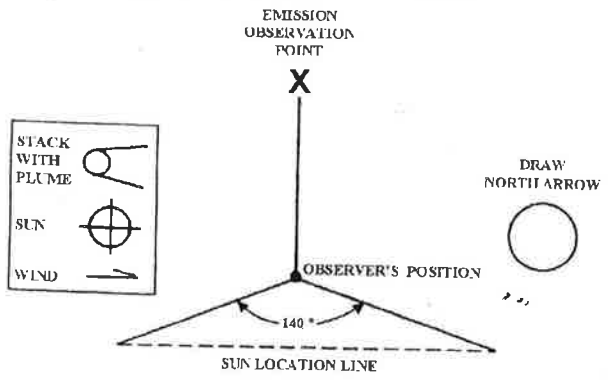
(2)

(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
02-12-13	1531	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	10	10	10	10	5-5-5-5
4	10	10	10	10	5-5-5-5
5	10	10	10	10	#1-5-5-5-5
6	10	10	10	10	5-5-5-5
7	10	10	10	10	5-5-5-10
8	10	10	10	10	10-10-10-10
9	10	10	10	10	10-10-10-15
10	10	10	10	10	#1-15-15-15-15
11	10	10	10	5	15-15-15-10
12	5	5	5	5	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	#1-5-5-5-5
16	5	5	5	5	5-5-5-5
17	5	5	5	5	5-5-5-10
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	10-10-5-5
22	5	5	5	5	5-5-5-5
23	5	5	5	5	5-5-5-5
24	5	5	5	5	5-5-5-5
25	5	5	5	5	#1-5-5-5-5
26	5	5	5	5	5-5-5-5
27	5	5	5	5	5-5-5-5
28	5	5	5	5	5-5-5-5
29	5	5	5	5	5-5-5-5
30	5	5	5	5	#1-5-5-5-5

wood

wood

Observer's Name (Print): Eric Gregorius

Observer's Signature: Eric Gregorius — Date: 02-12-13

Organization

Certified by — Date

Continue on reverse side

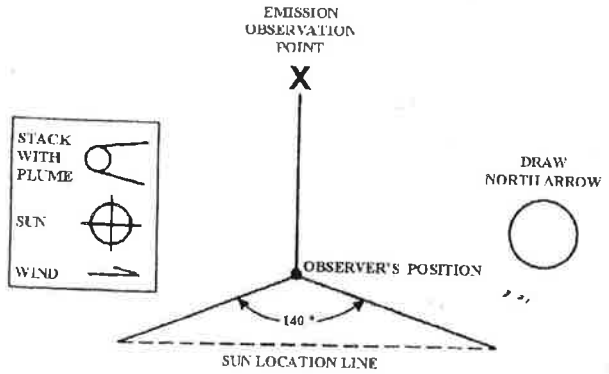
(3)

(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	Start Time	End Time
02-12-13	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	10	5-5-5-5
9	10	10	10	10	5-5-5-5
10	10	10	5	5	#1-5-5-5-5
11	5	5	5	5	5-5-5-5
12	10	10	10	10	5-5-5-5
13	10	10	10	10	5-5-5-5
14	10	10	10	10	5-5-5-5
15	10	10	10	10	#1-5-5-5-5
16	10	10	10	10	5-5-5-5
17	10	10	10	5	5-5-5-5
18	5	5	5	5	5-5-5-5
19	5	5	5	5	5-5-5-5
20	5	5	5	5	#1-5-5-5-5
21	5	5	5	5	5-5-5-5
22	5	5	5	5	5-5-5-5
23	5	5	5	5	5-5-5-5
24	5	5	5	5	5-5-5-5
25	5	5	5	5	#1-5-5-5-5
26	5	5	5	5	5-10-10-10
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

W

start

wood

Observer's Name (Print)	
Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-12-13
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

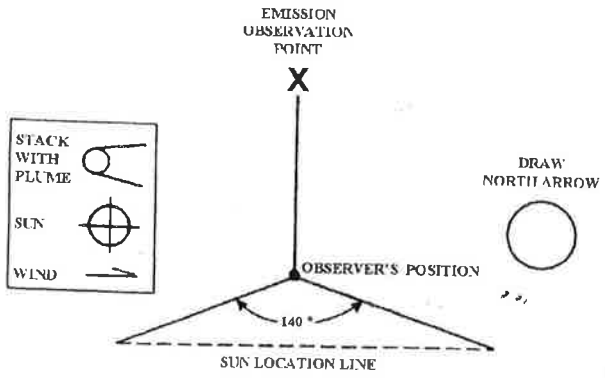
Start End

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
02-12-13	1631	1700

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

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-12-13
Organization	
Certified by	Date

Continue on reverse side

(5)

(6)

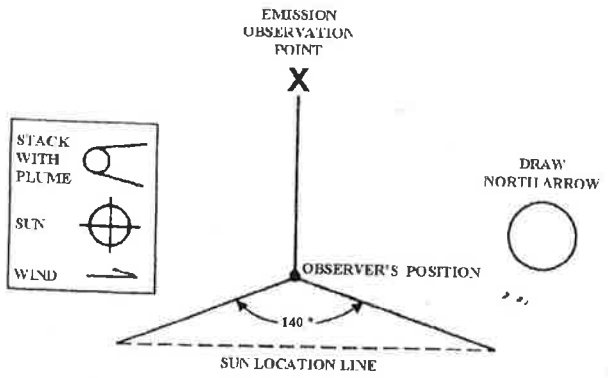
VISIBLE EMISSION OBSERVATION FORM

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

Observation Date	Start Time	End Time
02-12-13	1701	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	10	10	start 5-5-5-5
10	10	10	10	10	#1-5-5-5-5
11	10	10	10	10	5-5-5-5
12	10	10	10	10	wood 5-5-5-5
13	10	10	10	10	5-5-5-5
14	10	10	5	5	5-10-10-10 start
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	10-10-10-15
19	5	5	5	5	15-15-15-15
20	5	5	5	5	#1-15-20-20-20
21	5	5	5	5	20-20-20-20
22	5	5	5	5	20-20-20-20
23	5	5	5	5	20-20-20-20
24	5	5	5	5	20-20-20-20
25	5	5	5	5	#1-20-20-20-20
26	5	5	5	5	15-15-20-20
27	5	5	5	5	20-20-20-20
28	5	5	5	5	20-20-20-20
29	5	5	5	5	20-20-20-20
30	5	5	5	5	#1-20-20-20-20

SOURCE LAYOUT SKETCH



Observer's Name (Print): Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-12-13
Organization	
Certified by	Date

Additional Information

Continue on reverse side

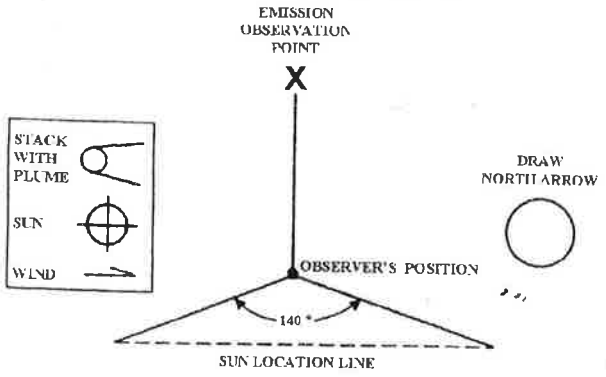
(6)

(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
02-12-13	1731	1800

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1-20-20-20-20
2	5	5	5	5	20-20-15-15
3	5	5	5	5	15-15-15-10
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	10-10-10-5
8	5	5	5	5	5-5-5-5
9	5	5	5	5	5-5-5-5
10	10	10	10	10	Shir on #1-5-5-5-5
11	10	10	10	10	Hood 5-5-5-5
12	10	10	10	10	5-5-5-5
13	10	10	5	5	5-5-5-5
14	5	5	5	5	5-10-10-10 Wood
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	10-10-10-5
20	5	5	5	5	#1-5-5-5-5
21	5	5	5	5	5-5-5-5
22	5	5	5	5	5-5-5-5
23	5	5	5	5	5-5-5-5
24	5	5	5	5	5-5-5-5
25	5	5	5	5	#1-5-5-5-5
26	5	5	5	5	5-5-5-5
27	5	5	5	5	5-5-5-5
28	5	5	5	5	5-5-5-5
29	5	5	5	5	5-5-5-5
30	5	5	5	5	#1-5-5-5-5

Observer's Name (Print)	
Eric Gregorius	
Observer's Signature: Eric Gregorius	Date: 02-12-13
Organization	
Certified by	Date

Continue on reverse side

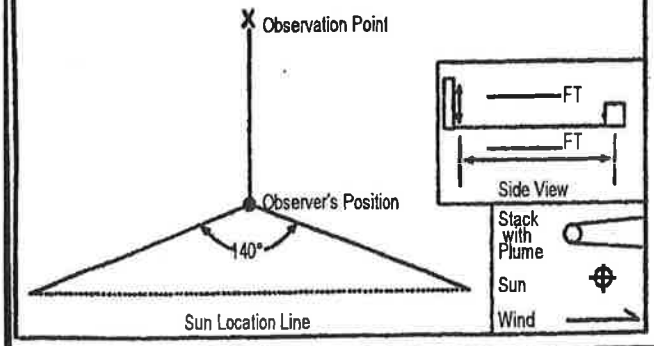
(7)

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: 2-12-13 | START TIME: 0230 | END TIME: 0300

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

OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE	DATE: 2-12-13
ORGANIZATION: N.Y.C. - 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

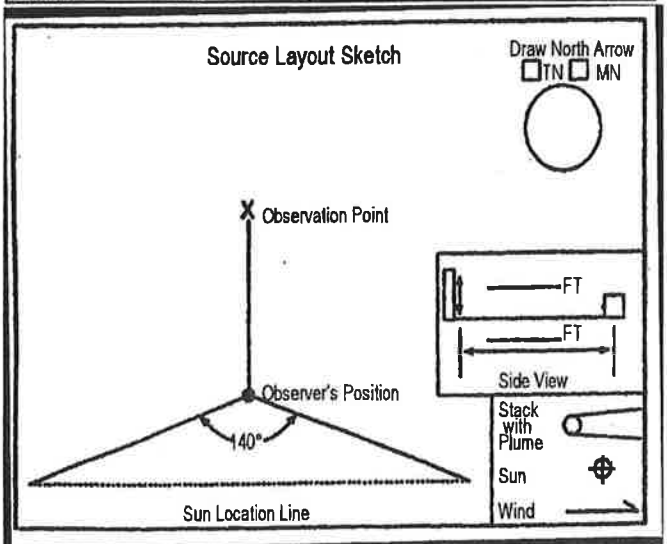
DESCRIBE EMISSIONS
START END

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

DESCRIBE PLUME BACKGROUND: TOWER LIGHT.
START END

BACKGROUND COLOR: TOWER LIGHT START END	SKY CONDITIONS: CLOUDY PRETTY 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.

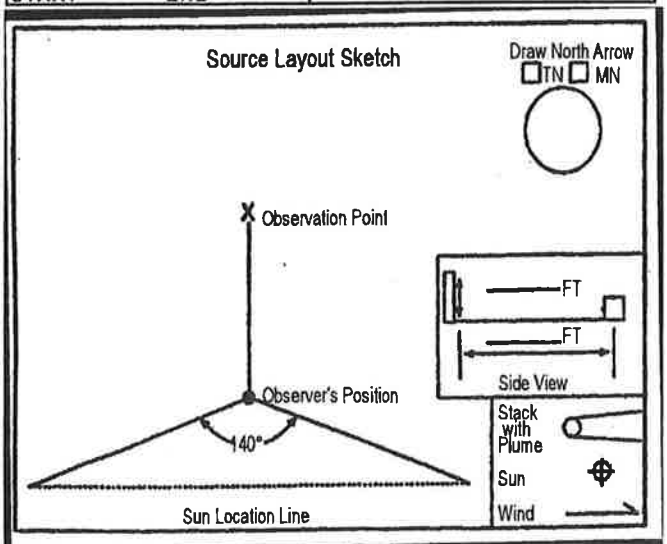
OBSERVATION DATE	START TIME	END TIME
2-12-13	0300	0330 HRS

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	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	5	5	5	5	LOADING
19	5	5	5	5	NO LOADING
20					
21					
22					
23					
24					
25	5	5	5	5	NO LOADING
26	10	10	10	10	LOADING
27					
28					
29					
30	10	10	10	10	LOADING

OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE	DATE: 2-12-13
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: NIGHT. 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
2-12-13	0330	0400

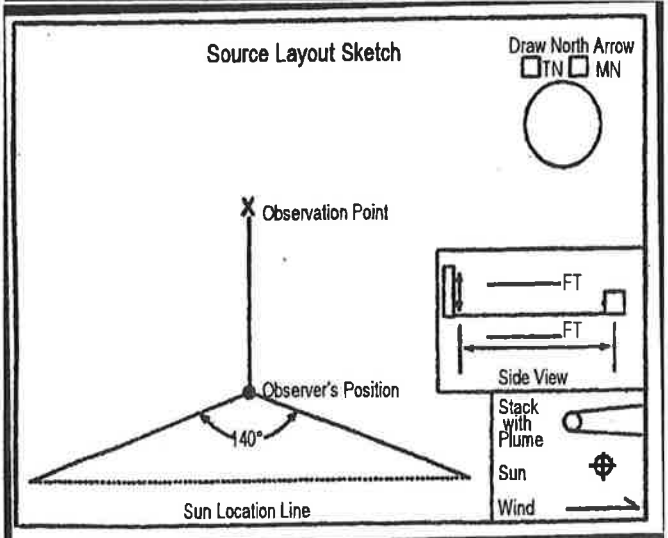
MIN \ SEC	0	15	30	45	COMMENTS
1	5	5	5	5	LOADING
2					
3					
4					
5					
6					
7					
8	5	5	5	5	LOADING
9	5	5	5	5	NO LOADING
10					
11					
12					
13	5	5	5	5	NO LOADING
14	15	15	15	15	MIXING LOAD
15	15	15	15	15	" "
16	5	5	5	5	NO LOADING
17					
18					
19	5	5	5	5	NO LOADING
20	10	10	10	10	LOADING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

OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE	DATE: 2-12-13
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: NIGHT — 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
2-12-13	0400	0430 HR

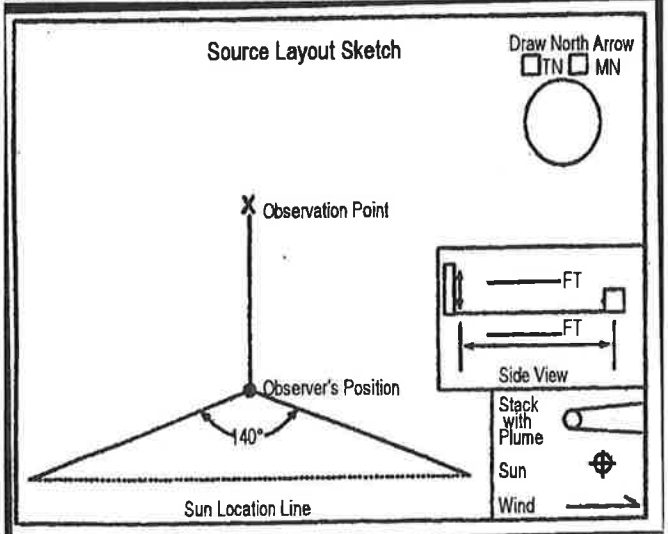
SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	LOADING
2					
3					
4					
5					
6	5	5	5	5	LOADING
7	20	20	20	20	MIXING LOAD
8	10	10	10	10	LOADING
9					
10					
11	10	10	10	10	LOADING
12	5	5	5	5	LOADING
13					
14					
15					
16					
17					
18	5	5	5	5	LOADING
19	5	5	5	5	NO LOADING
20					
21					
22					
23	5	5	5	5	NO LOADING
24	10	10	10	10	LOADING
25					
26					
27					
28	10	10	10	10	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: 2-12-13
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: NIGHT — 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
2-12-13	0430	0500 HR

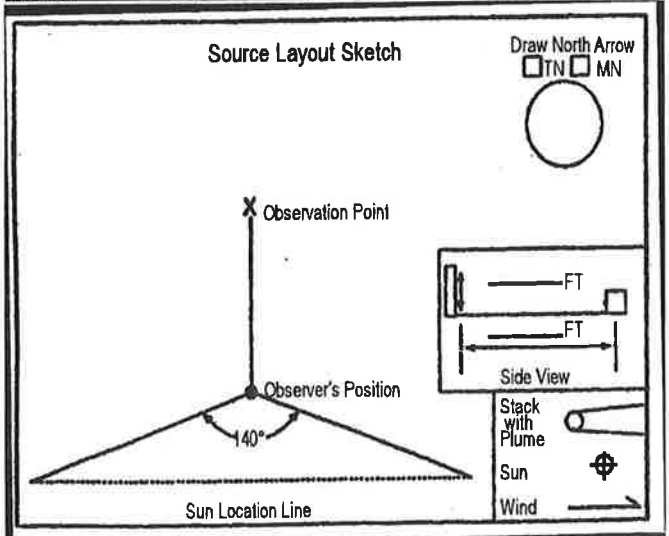
MIN \ SEC	0	15	30	45	COMMENTS
1	10	10	10	10	LOADING
2					
3					
4					
5	10	10	10	10	LOADING
6	5	5	5	5	NO LOADING
7					
8					
9	5	5	5	5	NO LOADNG
10	5	5	5	5	LOADING
11					
12					
13					
14					
15					
16					
17	5	5	5	5	LOADING
18	5	5	5	5	NO LOADING
19					
20					
21	5	5	5	5	NO LOADING
22	20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

OBSERVER'S NAME (PRINT): ANTON HAND	
OBSERVER'S SIGNATURE:	DATE: 2-12-13
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: NIGHT 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: 2-12-13 | START TIME: 0500 | END TIME: 0530

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	5	5	5	5	NO LOADING
15	10	10	10	10	LOADING
16					
17					
18					
19					
20					
21	10	10	10	10	LOADING
22	5	5	5	5	NO LOADING
23					
24					
25	5	5	5	5	NO LOADING
26	10	10	10	10	LOADING
27					
28					
29					
30	10	10	10	10	LOADING

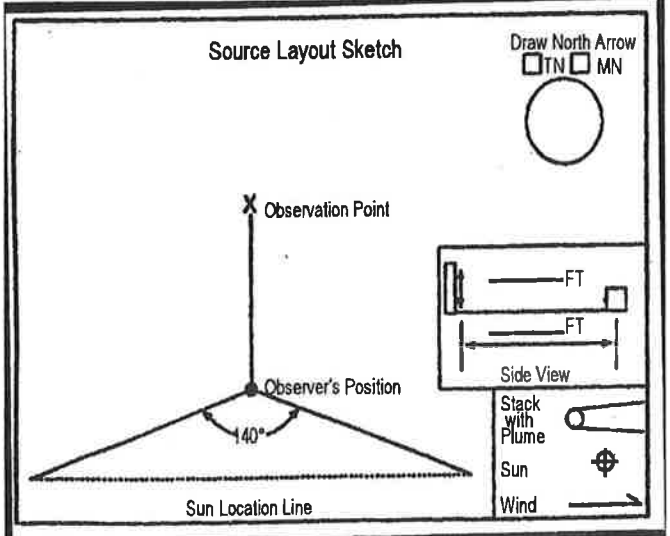
OBSERVER'S NAME (PRINT): ANTON HAINA	
OBSERVER'S SIGNATURE	DATE: 2-12-13
ORGANIZATION: NYC-DEP.	
CERTIFIED BY	DATE

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



ADDITIONAL INFORMATION

#2 INCINERATOR STOBILIZED

OBSERVATION DATE	START TIME	END TIME
2-12-13	0530	0600 HRS

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	15	15	15	15	MIXING LOAD
10	15	15	15	15	" "
11	5	5	5	5	NO LOADING
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: 2-12-13
ORGANIZATION: NYC-DEP.	
CERTIFIED BY	DATE

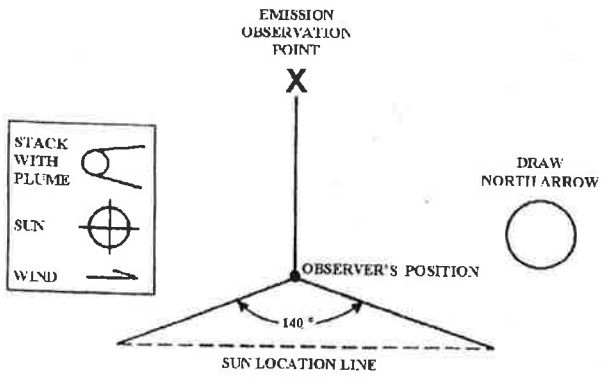
A - 4

CONTAINER No 1

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FLOYD BENNETT FIELD		
City: BROOKLYN	State: NY	Zip: 11234
Process Equipment: AIR CURTAIN BURNER		Operating Mode:
Control Equipment:		Operating Mode:
Describe Emission Point: GREY SMOKE		
Height of Emission Point: 10 TO 15FT	Height Relative to Observer: Start 15FT End	
Distance to Emission Point: Start 150 End	Direction to Emission Point: Start NORTH End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point: Start NORTH 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 2FT ABOVE BURNER End		
Describe Plume Background: Start BLUE, GREY & RED CONTAINERS End		
Background Color: Start GREY, BLUE & RED	Sky Condition: Start CLEAR End	
Wind Speed: Start 6MPH End	Wind Direction: Start N-E End	
Ambient Temp: Start 37° End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Additional Information:

Observation Date	Start Time	End Time
2/12/13	0600	06:30

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

Observer's Name (Print): EMMANUEL OJO	
Observer's Signature:	Date: 2/12/13
Organization: NYC DEP	
Certified by: AEROMET ENG INC	Date: 10/4/12

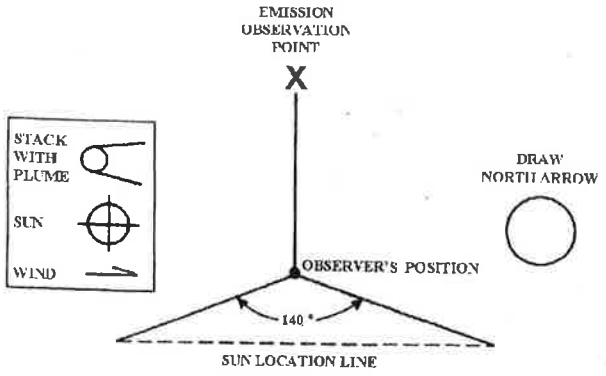
Continue on reverse side

B

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FLOYD BENNETT FIELD		
City: BROOKLYN	State: NY	Zip:
Process Equipment: AIR CURTAIN AIR BURNER		Operating Mode:
Control Equipment:		Operating Mode:
Describe Emission Point: GREY SMOKE ~~10FT TO 15FT~~		
Height of Emission Point: 10FT. TO 15FT	Height Relative to Observer: Start 15 FT End	
Distance to Emission Point: Start 150 End	Direction to Emission Point: Start NORTH End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point: Start NORTH 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 2FT ABOVE BURNER End		
Describe Plume Background: Start BLUE/GREY & RED CONTAINERS End		
Background Color: Start GREY/BLUE End	Sky Condition: Start CLEAR End	
Wind Speed: Start 6 MPH End	Wind Direction: Start End	
Ambient Temp: Start 37° End	Wet Bulb Temp:	RH Percent:

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
	0630	0700 hrs

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

Observer's Name (Print): BRIAN MILLER OJO	
Observer's Signature: [signature]	Date: 2/12/13
Organization: NYC D.E.P	
Certified by: AGROMET ENG INC	Date: 10/4/12

Continue on reverse side

C

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FLOYD BENNETT FIELD		
City: BROOKLYN	State: NY	Zip: 11234
Process Equipment: AIR CURTAIN BURNER		Operating Mode:
Control Equipment:		Operating Mode:

Describe Emission Point: GREY SMOKE

Height of Emission Point: 10FT TO 15FT	Height Relative to Observer: Start 15FT End
Distance to Emission Point: Start 150 End	Direction to Emission Point: Start NORTH End
Vertical Angle to Observation Pt. Start End	Direction to Observation Point: Start NORTH End

Describe Emissions: Start GREY SMOKE End

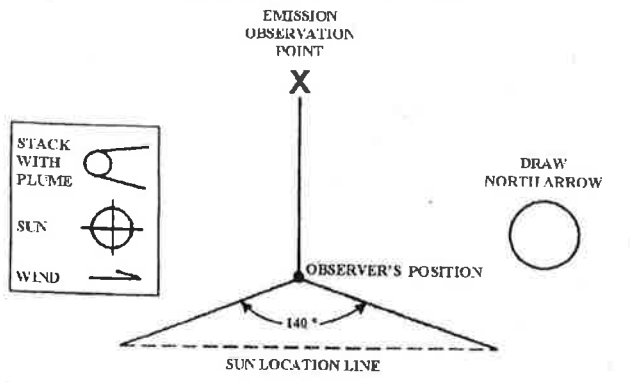
Emission Color: Start GREY End	If Water Droplet Plume (Circle): Attached Detached N/A

Point In The Plume At Which Opacity Was Determined: Start 2FT ABOVE BURNER End

Describe Plume Background: Start BLUE/GREY & R&D CONTAINERS End

Background Color: Start GREY/BLUE & R&D End	Sky Condition: Start CLEAR End
Wind Speed: Start 6 MPH End	Wind Direction: Start N-E End
Ambient Temp: Start 37° End	Wet Bulb Temp: / RH Percent:

SOURCE LAYOUT SKETCH



Additional Information:

Observation Date	Start Time	End Time
	0725	0730

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

Observer's Name (Print): [illegible] OJO

Observer's Signature: [signature] Date: 2/12/13

Organization: NYC DEP

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

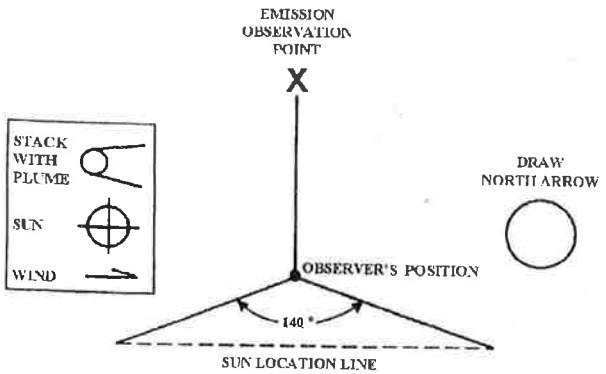
Continue on reverse side

D

VISIBLE EMISSION OBSERVATION FORM C6

Company Name ECC			
Location FLOYD BENNETT FIELD			
City BROOKLYN	State NY	Zip 11234	
Process Equipment DR CURTAIN NTR BURNER		Operating Mode	
Control Equipment		Operating Mode	
Describe Emission Point GREY SMOKE			
Height of Emission Point 10FT TO 15FT	Height Relative to Observer Start 15TH End		
Distance to Emission Point Start 150 End	Direction to Emission Point Start NORTH End		
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start NORTH 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 2 FT ABOVE BURNER End			
Describe Plume Background Start BLUE, GREY & RED End CONTAINERS			
Background Color Start RED / BLUE	Sky Condition Start CLEAR End		
Wind Speed Start 6 MPH End	Wind Direction Start N-E End		
Ambient Temp Start 37° End	Wet Bulb Temp	RH Percent	

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time 0730	End Time 0850

Sec / Min	0	15	30	45	Comments
1	10	10	10	10	CONTAINER 4.1
2	10	10	10	10	BURNING WOOD
3	10	15	15	15	
4	15	10	10	10	
5	10	10	10	15	
6	10	10	10	15	
7	15	10	15	10	
8	10	15	15	15	
9	15	15	10	10	
10	10	10	10	15	
11	5	5	5	5	
12	10	15	15	15	
13	10	10	5	5	
14	5	5	5	5	
15	5	10	10	10	
16	5	5	10	10	
17	10	10	10	10	
18	10	10	10	10	
19	10	10	10	10	
20	5	10	10	10	
21	10	10	10	10	
22	5	5	5	5	
23	5	5	5	5	
24	5	5	5	5	
25	10	10	5	5	
26	5	5	10	5	
27	15	15	15	10	
28	15	15	15	10	
29	10	10	15	15	
30	10	10	10	15	

Observer's Name (Print) EMMANUEL OJO	
Observer's Signature	Date 2/12/13
Organization NYC DEP	
Certified by AEROMET ENG. INC	Date 10/4/12

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name	ECC		
Location	FLOYD BENNETT FIELD		
City	BROOKLYN	State NY	Zip 11234
Process Equipment	MOR CURTAIN BURNER	Operating Mode	
Control Equipment		Operating Mode	

Describe Emission Point: GREY SMOKE

Height of Emission Point: 10FT TO 15FT	Height Relative to Observer: Start 15FT End
Distance to Emission Point: Start 150 End	Direction to Emission Point: Start NORTH End
Vertical Angle to Observation Pt. Start End	Direction to Observation Point: Start NORTH End

Describe Emissions: Start GREY SMOKE End

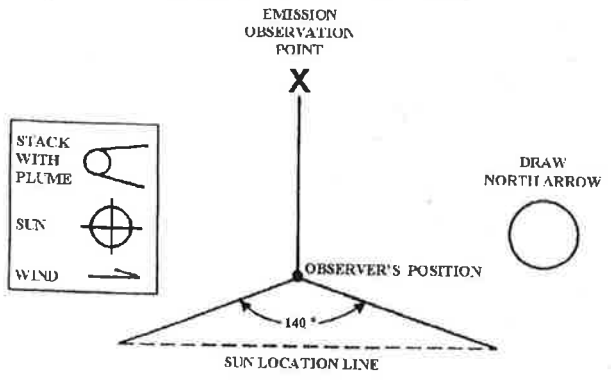
Emission Color: Start GREY End	If Water Droplet Plume (Circle): Attached Detached N/A

Point In The Plume At Which Opacity Was Determined: Start 2FT ABOVE BURNER End

Describe Plume Background: Start RED BRICK CONTAINERS End

Background Color: Start RED BRICK	Sky Condition: Start CLEAR End
Wind Speed: Start 6MPH End	Wind Direction: Start N-E End
Ambient Temp: Start 38 End	Wet Bulb Temp / RH Percent

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
	0820	0830

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

Observer's Name (Print)	[redacted] DEP
Observer's Signature	[redacted] Date 2/12/13
Organization	NYC DEP
Certified by	AEROMET ENG. INC Date 10/12/12

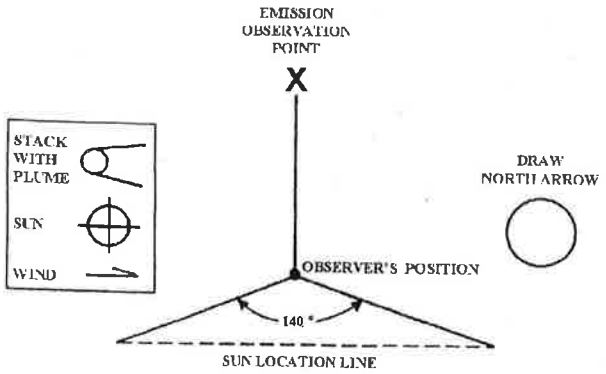
Continue on reverse side

F

VISIBLE EMISSION OBSERVATION FORM

Company Name	ECC
Location	FLOYD BENNETT FIELD
City	BROOKLYN
State	NY
Zip	11234
Process Equipment	AIR CURTAIN NTR BURNER
Operating Mode	
Control Equipment	
Operating Mode	
Describe Emission Point	GREY SMOKE
	~~10 FT~~
Height of Emission Point	10ft TO 15FT
Height Relative to Observer	Start 15FT End
Distance to Emission Point	Start 150 End
Direction to Emission Point	Start NORTH End
Vertical Angle to Observation Pt.	Start End
Direction to Observation Point	Start NORTH 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 2 FT ABOVE BURNER End
Describe Plume Background	Start BLUE & RED End
Background Color	Start BLUE/RED End
Sky Condition	Start CLEAR End
Wind Speed	Start 6MPH End
Wind Direction	Start N-E End
Ambient Temp	Start 38° End
Wet Bulb Temp	
RH Percent	

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
	0830	0900

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

Observer's Name (Print)	EMMANUEL OJO
Observer's Signature	[signature]
Date	2/12/13
Organization	NYC DEP
Certified by	AEROMET ENG INC
Date	10/4/12

Additional Information

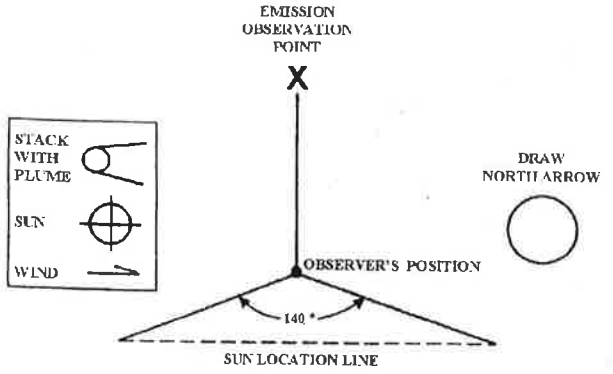
Continue on reverse side

G

VISIBLE EMISSION OBSERVATION FORM

Company Name	ECC
Location	FLOYD BENNETT FIELD
City	BROOKLYN
State	NY
Zip	11234
Process Equipment	AIR CURTAIN NTR BURNER
Operating Mode	
Control Equipment	
Operating Mode	
Describe Emission Point	GREY SMOKE
Height of Emission Point	10FT TO 15FT
Height Relative to Observer	Start 15FT End
Distance to Emission Point	Start 150 End
Direction to Emission Point	Start NORTH End
Vertical Angle to Observation Pt.	Start End
Direction to Observation Point	Start NORTH 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 2FT ABOVE BURNER End
Describe Plume Background	Start BLUE & RED CONTAINERS End
Background Color	Start RED/BLUE End
Sky Condition	Start CLEAR End
Wind Speed	Start 6 MPH End
Wind Direction	Start N-E End
Ambient Temp	Start 38° End
Wet Bulb Temp	
RH Percent	

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
	0900	0930

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

Observer's Name (Print)	EMMANUEL OJO
Observer's Signature	[signature]
Date	2/12/13
Organization	NYC DEP
Certified by	AEROMET ENG. INC
Date	

Additional Information

Continue on reverse side

H

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC			
Location: FLOYD BENNETT FIELD			
City: BROOKLYN	State: NY	Zip: 11234	
Process Equipment: AIR CURTAIN NTR BURNER		Operating Mode:	
Control Equipment:		Operating Mode:	

Describe Emission Point: GREY SMOKE

Height of Emission Point: 10FT TO 15FT	Height Relative to Observer: Start 15FT End
Distance to Emission Point: Start 150 End	Direction to Emission Point: Start NORTH End
Vertical Angle to Observation Pt.: Start End	Direction to Observation Point: Start NORTH End

Describe Emissions: Start GREY SMOKE End

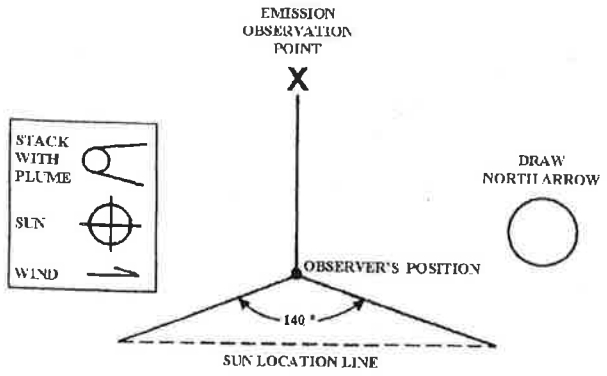
Emission Color: Start GREY End	If Water Droplet Plume (Circle): Attached Detached N/A

Point In The Plume At Which Opacity Was Determined: Start 2FT ABOVE BURNER End

Describe Plume Background: Start BLUE & RED CONTAINERS End

Background Color: Start RED & BLUE End	Sky Condition: Start CLEAR End
Wind Speed: Start 6 MPH End	Wind Direction: Start N-E End
Ambient Temp: Start 38° End	Wet Bulb Temp: / RH Percent:

SOURCE LAYOUT SKETCH



Additional Information:

Observation Date	Start Time	End Time
	0930	1050

Min \ Sec	0	15	30	45	Comments
1	S	S	S	S	CONTAINER 1
2	S	S	S	S	ARRANGED WOODS
3	S	S	S	S	
4	S	S	S	S	
5	S	S	S	S	
6	S	S	S	S	
7	S	S	S	S	
8	S	S	S	S	
9	S	S	S	S	
10	S	S	S	S	
11	S	S	S	S	
12	S	S	S	S	
13	S	S	S	S	
14	S	S	S	S	HAD OPERATOR A FEW MINUTES
15	S	S	S	S	BREAK
16	S	S	S	S	
17	S	S	S	S	
18	S	S	S	S	
19	S	S	S	S	
20	S	S	S	S	
21	S	S	S	S	
22	S	S	S	S	
23	S	S	S	S	
24	S	S	S	S	
25	S	S	S	S	
26	S	S	S	S	
27	S	S	S	S	
28	S	S	S	S	
29	S	S	S	S	
30	S	S	S	S	

Observer's Name (Print): EMMANUEL OTO

Observer's Signature: [signature] Date: 2/12/13

Organization: NYC DEP

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

Continue on reverse side

T

VISIBLE EMISSION OBSERVATION FORM

Company Name ECC		
Location FLOYD BENNETT FIELD		
City BROOKLYN	State NY	Zip 11234
Process Equipment AIR CURTAIN MTR BURNER		Operating Mode
Control Equipment		Operating Mode

Describe Emission Point: GREY SMOKE

Height of Emission Point: 10FT TO 15FT	Height Relative to Observer: Start 15FT End
Distance to Emission Point: Start 150 End	Direction to Emission Point: Start NORTH End
Vertical Angle to Observation Pt. Start End	Direction to Observation Point: Start NORTH End

Describe Emissions: Start GREY SMOKE End

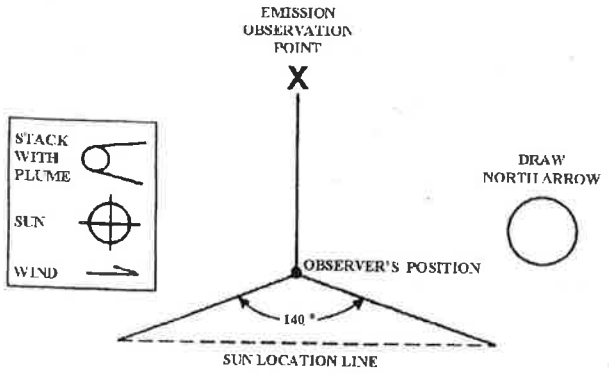
Emission Color: Start GREY End	If Water Droplet Plume (Circle): Attached Detached N/A

Point In The Plume At Which Opacity Was Determined: Start 2FT ABOVE BURNER End

Describe Plume Background: Start BLUE RBS CONTAINERS End

Background Color: Start RBS BLUE	Sky Condition: Start CL&MC End
Wind Speed: Start 10 MPH End	Wind Direction: Start N-E End
Ambient Temp: Start 38° End	Wet Bulb Temp / RH Percent

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
	10[illegible]	1030

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

Observer's Name (Print): EMMANUEL OSO	
Observer's Signature	Date 2/12/13
Organization NYC DEP	
Certified by	Date 10/4/12

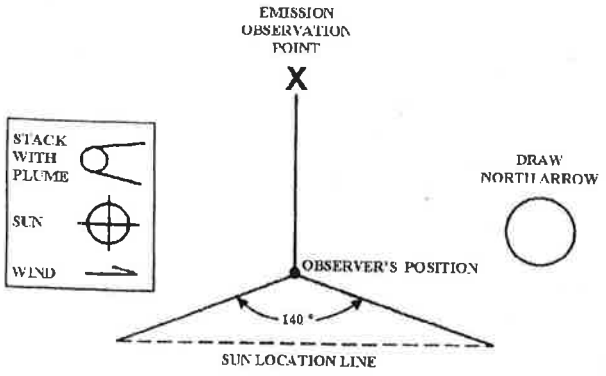
Continue on reverse side

J

VISIBLE EMISSION OBSERVATION FORM

Company Name	ECC
Location	FLOYD BENNETT FIELD
City	BROOKLYN
State	NY
Zip	11234
Process Equipment	AIR CURTAIN NTR BURNER
Operating Mode	
Control Equipment	
Operating Mode	
Describe Emission Point	GREY SMOKE
Height of Emission Point	10FT TO 15FT
Height Relative to Observer	Start 15FT End
Distance to Emission Point	Start 150 End
Direction to Emission Point	Start NORTH End
Vertical Angle to Observation Pt.	Start End
Direction to Observation Point	Start NORTH 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 2FT ABOVE BURNER End
Describe Plume Background	Start BLUE & RED CONTAINERS End
Background Color	Start RED & BLUE End
Sky Condition	Start CLEAR End
Wind Speed	Start 10 MPH End
Wind Direction	Start N-E End
Ambient Temp	Start 38° End
Wet Bulb Temp	
RH Percent	

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
	1030	1100

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	CONTAINER (1)
2	5	5	5	5	NOT BURNING LOGS
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	
6	5	5	5	5	
7	5	5	5	5	
8	10	10	10	10	BURNING LOGS
9	10	10	10	10	
10	15	15	15	15	
11	10	10	10	10	
12	10	10	10	10	
13	5	5	5	5	
14	10	10	10	10	
15	10	10	5	5	
16	5	5	10	5	
17	5	5	5	5	NOT BURNING LOGS
18	5	5	5	5	
19	5	5	5	5	
20	5	5	5	5	
21	5	5	5	5	
22	5	5	5	5	
23	5	5	5	5	
24	5	5	5	5	
25	5	5	5	5	
26	5	5	5	5	
27	5	5	5	5	
28	5	5	5	5	
29	5	5	5	5	
30	5	5	5	5	NOT BURNING LOGS

Observer's Name (Print)	EMMANUEL OJO
Observer's Signature	[signature]
Date	2/12/13
Organization	NYC DEP
Certified by	AEROMET ENG INC
Date	10/4/12

Additional Information

Continue on reverse side