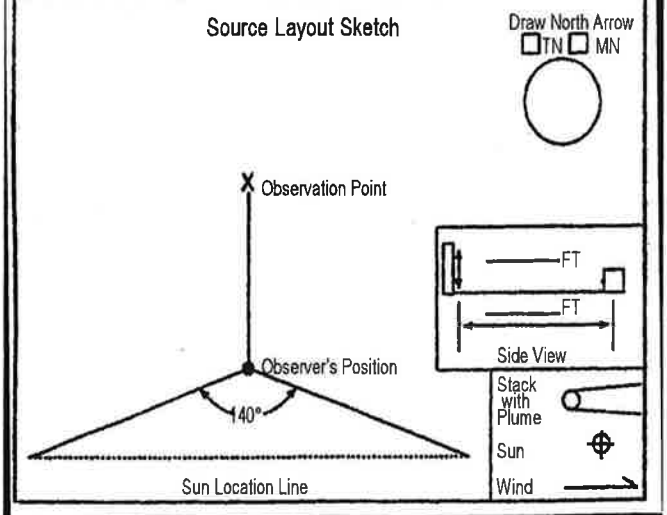
EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME: NYC - DEP.		
LOCATION: FLOYD BENNETT FIELD.		
LOCATION:		
CITY: BROOKLYN	STATE: N.Y	ZIP: 11234
PROCESS EQUIPMENT: AIR CURTAIN 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 - CONSTRUCTION LIGHT. — START: X END:		
BACKGROUND COLOR — START: END:	SKY CONDITIONS: NIGHT. — START: END:	
WIND SPEED: 7-10 MPH. — START: END:	WIND DIRECTION: N/E — START: END:	
AMBIENT TEMP — START: END:	WET BULB TEMP:	RH percent:

Source Layout Sketch



ADDITIONAL INFORMATION:

OBSERVATION DATE	START TIME	END TIME
01-03-13	0200 HRS	0230 HRS

SEC / MIN	0	15	30	45	COMMENTS
1	35	35	35	35	LOADING
2	30	30	30	30	"
3	30	30	30	30	NO LOADING
4	20	20	20	20	" "
5	15	15	15	15	" "
6	15	15	15	15	" "
7	10	10	10	10	" "
8	10	10	10	10	" "
9	10	10	10	10	" "
10	10	10	10	10	" "
11	30	30	30	30	LOADING
12	30	30	30	30	"
13	30	30	30	30	"
14	20	20	20	20	NO LOADING
15	20	20	20	20	" "
16	15	15	15	15	" "
17	10	10	10	10	" "
18	30	30	30	30	LOADING
19	35	35	35	35	"
20	40	40	40	40	"
21	30	30	30	30	NO LOADING
22	20	20	20	20	" "
23	20	20	20	20	" "
24	10	10	10	10	" "
25	10	10	10	10	" "
26	10	10	10	10	" "
27	30	30	30	30	LOADING
28	30	30	30	30	"
29	25	25	25	25	NO LOADING
30	20	20	20	20	" "

OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE:	DATE: 01-03-13
ORGANIZATION: NYC - DEP.	
CERTIFIED BY:	DATE:

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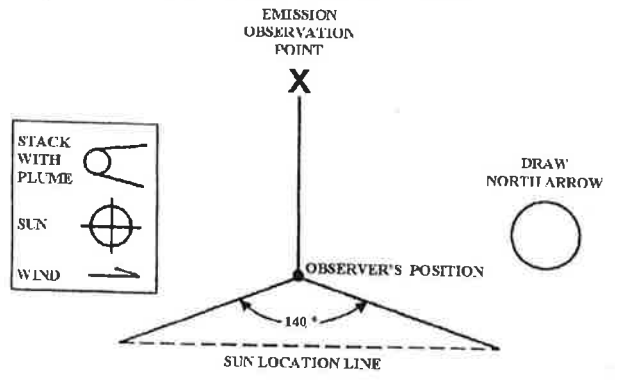
VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: Floyd Bennett Field		
City: Bklyn	State: NY	Zip:
Process Equipment: Air curtain burner		Operating Mode:
Control Equipment:		Operating Mode:
Describe Emission Point:		
Height of Emission Point: 12 ft	Height Relative to Observer: Start 12 ft End	
Distance to Emission Point: Start 150 ft End	Direction to Emission Point: Start N 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 night End	
Wind Speed: Start 12 mph End	Wind Direction: Start End	
Ambient Temp: Start 32° End	Wet Bulb Temp:	RH Percent:

SOURCE LAYOUT SKETCH



Additional Information:	

Observation Date: 1-3-13	Start Time: 2100	End Time: 2130

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

Observer's Name (Print): Daniel E. Phelan	
Observer's Signature: Daniel E Phelan	Date: 1-3-13
Organization: NYCDEP	
Certified by: Wuflow Enterprises Inc	Date: 12-27-12

Continue on reverse side

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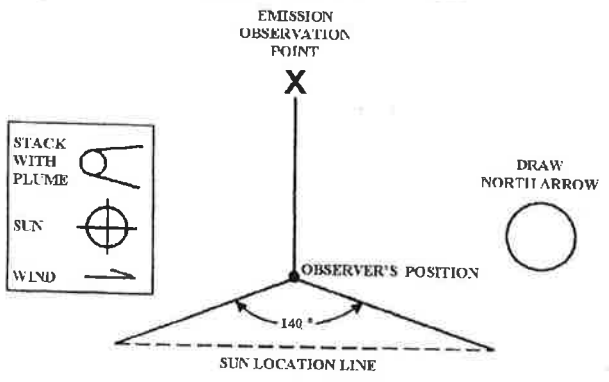
VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: Floyd Bennett Field		
City: Bklyn	State: NY	Zip:
Process Equipment: Air burner		Operating Mode:
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point: 12 ft	Height Relative to Observer: Start 12 ft End	
Distance to Emission Point: Start 150 ft End	Direction to Emission Point: Start N 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 12 mph End	Wind Direction: Start End	
Ambient Temp: Start 32° End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
1-8-13	2130	2200

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

Observer's Name (Print): Daniel E. Phelan	
Observer's Signature: Daniel E Phelan	Date: 1-3-13
Organization: NYCDEP	
Certified by: Whitlow Enterprises Inc.	Date: 12-27-12

Additional Information

Continue on reverse side

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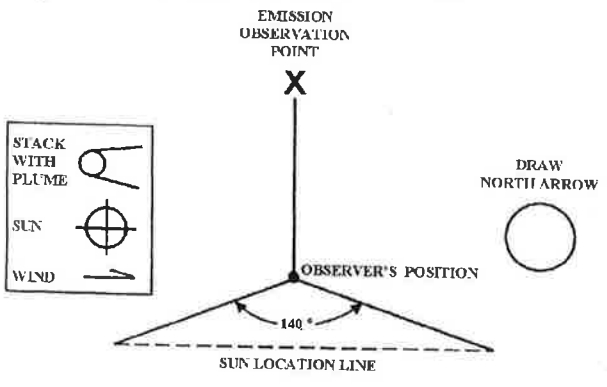
VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: Floyd Bennett Field		
City: Bklyn	State: NY	Zip:
Process Equipment: Air curtain burner		Operating Mode: ON
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point: 12 ft	Height Relative to Observer: Start 12 ft End	
Distance to Emission Point: Start 150 ft End	Direction to Emission Point: Start N 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 box container & night sky. End		
Background Color: Start red End	Sky Condition: Start night End	
Wind Speed: Start 11 mph End	Wind Direction: Start End	
Ambient Temp: Start 32° End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Additional Information

Observation Date: 1-3-13	Start Time: 2200	End Time: 2230

Sec / Min	0	15	30	45	Comments
1	5	5	5	10	
2	10	5	5	5	
3	10	15	10	5	
4	10	10	5	5	
5	5	5	10	5	
6	5	10	10	5	
7	10	5	5	5	
8	10	10	5	5	
9	5	5	5	5	
10	5	5	5	10	
11	5	5	5	5	
12	10	5	5	10	
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Observer's Name (Print): Daniel E Phelan	
Observer's Signature: Daniel E Phelan	Date: 1-3-13
Organization: NYCDEP	
Certified by: Whitlow Enterprises	Date: 12-27-12

Continue on reverse side

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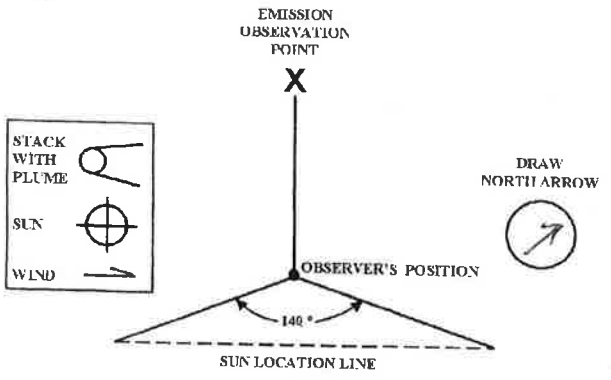
VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: Floyd Bennett field		
City: Bklyn	State: NY	Zip:
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point: 12 ft	Height Relative to Observer: Start End	
Distance to Emission Point: Start 150 ft End	Direction to Emission Point: Start NW 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 End		
Describe Plume Background: Start End		
Background Color: Start End	Sky Condition: Start night End	
Wind Speed: Start 12 mph End	Wind Direction: Start End	
Ambient Temp: Start 32° End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Additional Information

Observation Date: 1-3-13	Start Time: 2230	End Time: 2300

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

Observer's Name (Print): Daniel E Phelan	
Observer's Signature: Daniel E Phelan	Date: 1-3-13
Organization: NYCDEP	
Certified by: Whitlow Enterprises Inc.	Date: 12-27-12

Continue on reverse side

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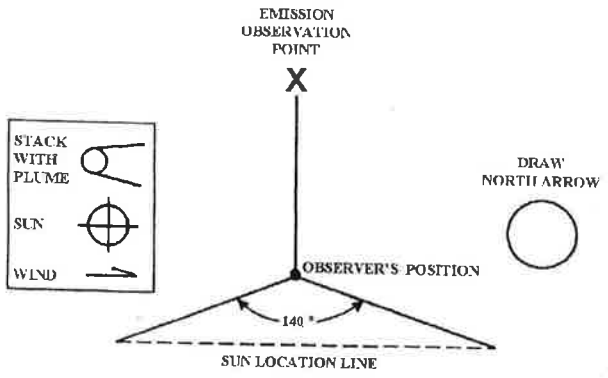
VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: Floyd Bennett Field		
City: Brooklyn	State: NY	Zip:
Process Equipment: Air burner		Operating Mode: ON
Control Equipment:		Operating Mode:
Describe Emission Point:		
Height of Emission Point: 12 ft	Height Relative to Observer: Start 12 ft End	
Distance to Emission Point: Start [redacted]150ft End	Direction to Emission Point: Start NW 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 night End	
Wind Speed: Start 12 mph End	Wind Direction: Start End	
Ambient Temp: Start 320 End	Wet Bulb Temp:	RH Percent:

SOURCE LAYOUT SKETCH



Additional Information:	

Observation Date: 1-3-13	Start Time: 2300	End Time: 2330

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

Observer's Name (Print): Daniel E. Phelan		
Observer's Signature: Daniel E Phelan		Date: 1-3-13
Organization: NYCDEP		
Certified by: Whitlow Enterprises Inc		Date: 12-27-12

Continue on reverse side

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VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: Floyd Bennett field		
City: Bklyn	State: NY	Zip:
Process Equipment: Air burner	Operating Mode: ON	
Control Equipment:	Operating Mode:	

Describe Emission Point

Height of Emission Point: 12 ft	Height Relative to Observer: Start 12 ft End
Distance to Emission Point: Start 150 ft End	Direction to Emission Point: Start NW 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

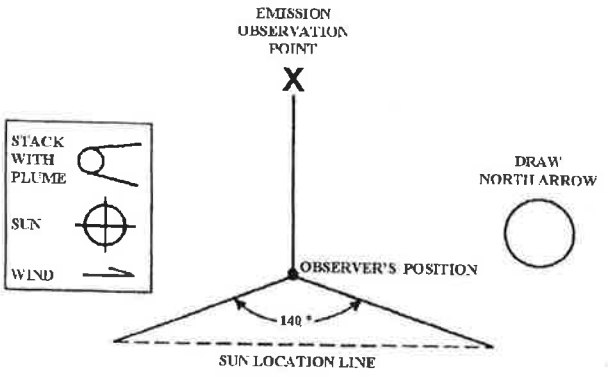
Start End

Describe Plume Background

Start End

Background Color: Start End	Sky Condition: Start night End	
Wind Speed: Start 12 mph End	Wind Direction: Start End	
Ambient Temp: Start 32° End	Wet Bulb Temp:	RH Percent:

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
1-3-13	2330	0000

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

Observer's Name (Print): Daniel E. Phelan	
Observer's Signature: Daniel E Phel	Date: 1-3-13
Organization: NYCDEP	
Certified by: Whittow Enterprises	Date: 12-27-12

Continue on reverse side

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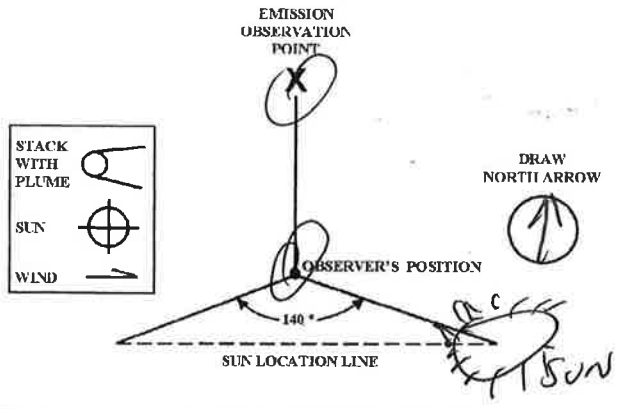
VISIBLE EMISSION OBSERVATION FORM

Company Name	ECC
Location	FLOYD BENNETT FIELD
City	BK
State	NX
Zip	
Process Equipment	
Operating Mode	
Control Equipment	AIR CURTAIN BURNER
Operating Mode	ON
Describe Emission Point	GREY SMOKE
Height of Emission Point	10 TO 12 FT
Height Relative to Observer	Start 12 FT End —
Distance to Emission Point	Start 200 FT 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 RED + BLUE End CONTAINERS
Background Color	Start RED + BLUE End
Sky Condition	Start CLEAR End SUNNY
Wind Speed	Start 8 MPH End
Wind Direction	Start 330 NN End WEST
Ambient Temp	Start 28 °C End
Wet Bulb Temp	17 °C
RH Percent	63 °C

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
1-3-13	11:00 AM	11:30 AM

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

Observer's Name (Print)	BENNY BRUNO
Observer's Signature	[signature]
Date	1-3-13
Organization	NYC-DEP.
Certified by	AEROMET-ENG-INC. NYS.
Date	10-4-12
Continue on reverse side	

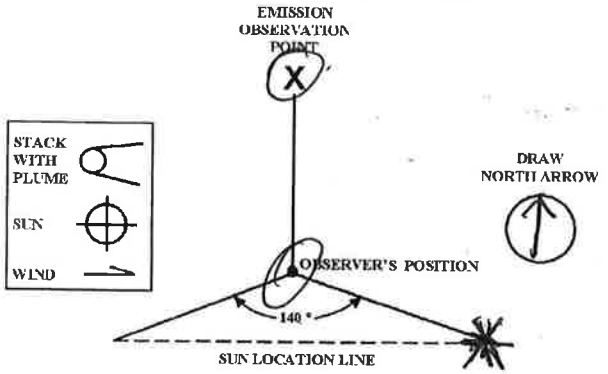
Additional Information

Pg 12

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC			
Location: FLOYD BENNETT FIELD			
City: BK	State: NY	Zip:	
Process Equipment:		Operating Mode:	
Control Equipment: AIR CURTAIN BURNER		Operating Mode: ON	
Describe Emission Point: GREY SMOKE			
Height of Emission Point: 10 TO 12 FT	Height Relative to Observer: Start 12 FT End		
Distance to Emission Point: Start 200 FT 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 WITH FLAME			
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 SUN WITH CLOUDS End		
Wind Speed: Start 8 MPH End	Wind Direction: Start 330 End (NNW)		
Ambient Temp: Start 26 °C End	Wet Bulb Temp: 16 °C	RH Percent: 65%	

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
1-3-13	11:30 AM	12:00 PM

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

Observer's Name (Print): BENNY BRUNO	
Observer's Signature: B. Bruno	Date: 1-3-13
Organization: NYC-OEP.	
Certified by: AEROMET-ENG-INC. NYS.	Date: 10-4-12
Continue on reverse side	

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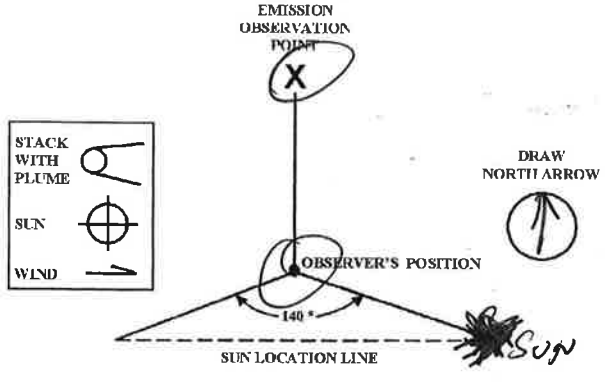
VISIBLE EMISSION OBSERVATION FORM

Company Name ECC		
Location FLOYD BENNETT FIELD		
City BK	**State** NY	**Zip**
Process Equipment	**Operating Mode**	
Control Equipment AIR CURTAIN BURNER	**Operating Mode** ON	
Describe Emission Point GREY SMOKE		
Height of Emission Point 10 TO 12 FT	**Height Relative to Observer** Start 12 FT End	
Distance to Emission Point Start 200 FT 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 ROLLING 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 2FT ABOVE End BURNER		
Describe Plume Background Start RED + BLUE End CONTAINERS		
Background Color Start RED + End BLUE	**Sky Condition** Start CLEAR End WITH SOME CLOUDS	
Wind Speed Start 9 MPH End	**Wind Direction** Start 310 End NORTHW NW	
Ambient Temp Start 31 End —	**Wet Bulb Temp** 14°	**RH Percent** 40 %

SOURCE LAYOUT SKETCH



Additional Information 12:30 MACHINE * CLAW BEING CHECKED NOT WORKING PROPERLY

Observation Date	Start Time	End Time
1-3-13	1200 PM	12:30 PM

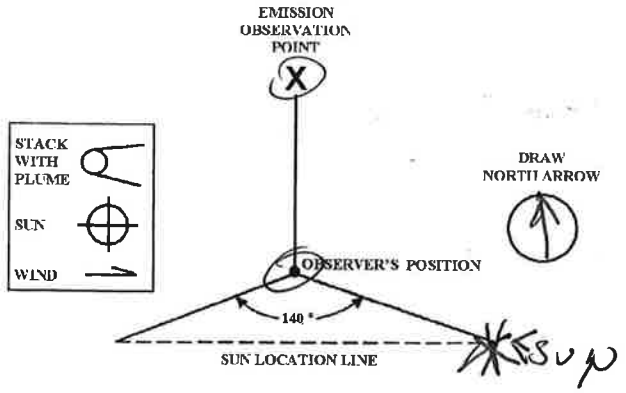
Min \ Sec	0	15	30	45	Comments
1	10	10	5	5	WIDE BURNING
2	10	10	5	5	OF TREE STUMPS
3	10	10	5	5	+ BRANCHES
4	10	10	5	5	
5	10	10	5	5	
6	10	10	5	5	
7	10	10	5	5	
8	10	10	5	5	
9	15	15	10	5	
10	15	15	10	5	
11	15	15	10	5	
12	10	10	10	5	
13	5	5	5	0	
14	5	5	5	5	
15	5	5	5	5	
16	5	5	5	5	
17	5	5	5	5	
18	5	5	5	5	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

Observer's Name (Print) BENNY BANNO	
Observer's Signature	**Date** 1-3-13
Organization NYC-DEP.	
Certified By AEROMET-ENG-INC. NYS.	**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		**Operating Mode**
Control Equipment AIR CURTAIN BURNER		**Operating Mode** ON
Describe Emission Point GREY SMOKE		
Height of Emission Point 10 TO 12 FT	**Height Relative to Observer** Start 12 FT End	
Distance to Emission Point Start 200 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 CLEAR End		
Emission Color Start NONE 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 RED + BLUE End CONTAINERS		
Background Color Start RED + End BLUE	**Sky Condition** Start CLEAR End SUNNY	
Wind Speed Start 6 MPH End	**Wind Direction** Start 320° End NW	
Ambient Temp Start 30 End	**Wet Bulb Temp** 14°	**RH Percent** 49%

SOURCE LAYOUT SKETCH



Additional Information

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

Sec / Min	0	15	30	45	Comments
1	0	0	0	0	NO BURNING
2	0	0	0	0	OF WOOD AT
3	0	0	0	0	THIS TIME
4	0	0	0	0	MACH'E BREAK
5	0	0	0	0	DOWN - *
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
15	0	0	0	0	
16	0	0	0	0	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
24	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) BENNY BANNO	
Observer's Signature	**Date** 1-3-13
Organization NYC-DEP.	
Certified By AEROMET-ENG-INC. NYS.	**Date** 10-4-12

Continue on reverse side

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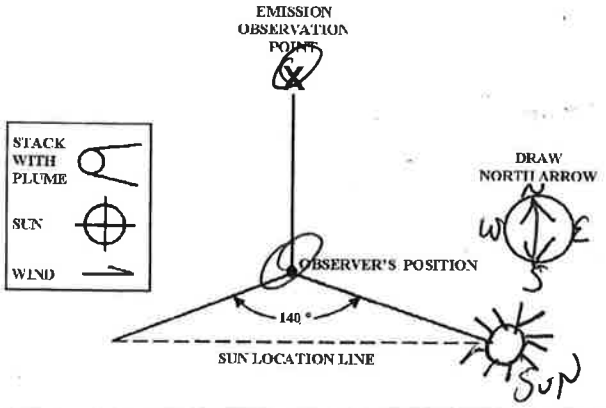
VISIBLE EMISSION OBSERVATION FORM

Company Name ECC		
Location FLOYD BENNETT FIELD		
City BK	**State** NY	**Zip**
Process Equipment		**Operating Mode**
Control Equipment AIR CURTAIN HIR		**Operating Mode** BURNER ON
Describe Emission Point GREY SMOKE		
Height of Emission Point 10 TO 12 FT	**Height Relative to Observer** Start 12 FT End	
Distance to Emission Point Start 200 FT 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 End BURNER		
Describe Plume Background Start RED & BLUE End CONTAINERS		
Background Color Start RED End BLUE	**Sky Condition** Start CLEAR End SUNNY	
Wind Speed Start 6 MPH End —	**Wind Direction** Start 320° End N/W	
Ambient Temp Start 31° End —	**Wet Bulb Temp** 14°C	**RH Percent** 49%

SOURCE LAYOUT SKETCH



Observation Date 1-3-13			**Start Time** 1300 PM		**End Time** 1330 PM

Sec / Min	0	15	30	45	Comments
1	5	5	5	5	NO WOOD
2	5	5	5	5	BURNING AT
3	5	5	5	5	THIS TIME
4	5	5	5	5	MACHINE BEING
5	5	5	5	5	REPAIRED ✓
6	5	5	5	5	CHAINS BEING
7	5	5	5	5	WELDED ✓
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	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	

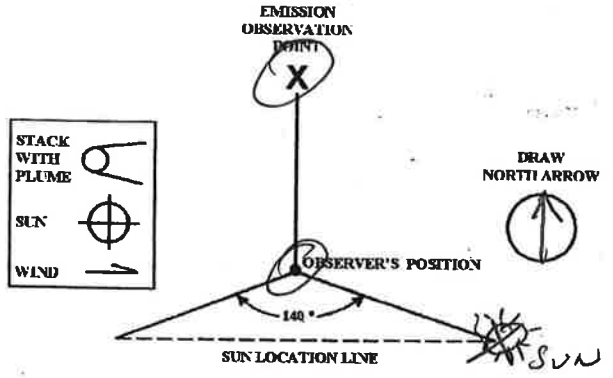
Additional Information BURNER AT 2000° MARK
HOLDING AT 5% OPACITY

Observer's Name (Print) BENNY BRUNO	
Observer's Signature B. Bruno	**Date** 1-3-13
Organization NYC-DEP.	
Certified by AEROMET-ENG-INC. NYS.	**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		**Operating Mode**
Control Equipment AIR CURTAIN HEATER		**Operating Mode** ON
Describe Emission Point GREY SMOKE		
Height of Emission Point 10 TO 15 FT	**Height Relative to Observer** Start 12 FT End	
Distance to Emission Point Start 200 FT 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 End BURNER		
Describe Plume Background Start RED TO BLUE End TOWTAINERS		
Background Color Start RED End BLUE	**Sky Condition** Start CLEAR End SUNNY	
Wind Speed Start 8 MPH End	**Wind Direction** Start 270° End WEST	
Ambient Temp Start 33° End	**Wet Bulb Temp** 13°	**RH Percent** 43%

SOURCE LAYOUT SKETCH



Additional Information CRANE ON MACHINE BEING WELDED & REPAIRED

2 INCH - 1400 to 1500 hrs

Observation Date 1-3-13	**Start Time** PM 1330	**End Time** PM 1400

Sec / Min	0	15	30	45	Comments
1	5	5	5	5	NO WIND
2	5	5	5	5	BURNING AT
3	5	5	5	5	THIS TIME
4	5	5	5	5	DUE TO MACHINE
5	5	5	5	5	BREAK DOWN
6	5	5	5	5	BEING REPAIRED
7	5	5	5	5	
8	5	5	5	5	*BURNER HOLDING
9	5	5	5	5	AT 5% OPACITY AT
10	5	5	5	5	2000 % F
11	5	5	5	5	
12	5	5	5	5	
13	5	5	5	5	
14	5	5	5	5	
15	5	5	5	5	
16	5	5	5	5	
17	5	5	5	5	
18	5	5	5	5	
19	5	5	5	5	
20	5	5	5	5	
21	5	5	5	5	
22	5	5	5	5	
23	5	5	5	5	
24	5	5	5	5	
25	5	5	5	5	
26	5	5	5	5	
27	5	5	5	5	
28	5	5	5	5	
29	5	5	5	5	
30	5	5	5	5	

Observer's Name (Print) BENNY BRUNO	
Observer's Signature	**Date** 1-3-13
Organization NYC - DEP.	
Certified by AEROMET ENG INC. NYS.	**Date** 10-4-12
Continue on reverse side	

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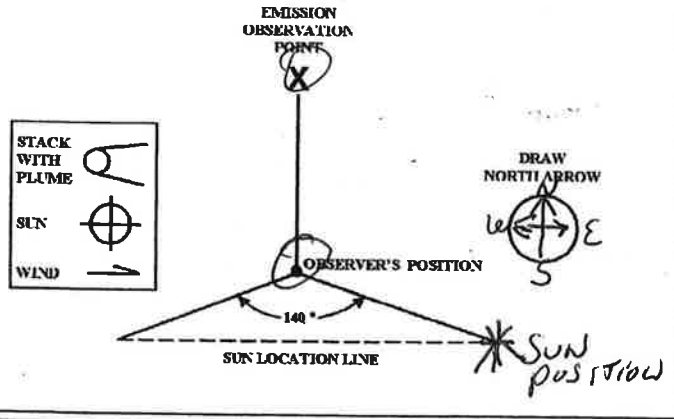
VISIBLE EMISSION OBSERVATION FORM

Company Name ECC		
Location FLOYD BENNETT FIELD		
City BK	**State** NY	**Zip**
Process Equipment		**Operating Mode**
Control Equipment AIR CURTAIN BURNER		**Operating Mode** ON
Describe Emission Point GREY SMOKE		
Height of Emission Point 10 TO 12 FT	**Height Relative to Observer** Start 12 FT End	
Distance to Emission Point Start 200 FT 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 End CONTAINERS		
Background Color Start RED End BLUE	**Sky Condition** Start CLEAR End SUNNY	
Wind Speed Start 7 MPH End	**Wind Direction** Start 270 End WEST	
Ambient Temp Start 31° End	**Wet Bulb Temp** 14°	**RH Percent** 49%

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
1-3-13	1500	1530

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	NO WIND
2	0	0	0	0	BURNING AT
3	0	0	0	0	THIS TIME
4	0	0	0	0	
5	10	10	5	0	MACHINE REPAIRED
6	10	10	5	5	WIND, BURNING
7	10	10	5	5	CONTINUED
8	10	5	5	5	
9	5	5	5	0	
10	5	5	5	0	
11	5	5	5	0	
12	5	5	5	0	
13	5	5	5	0	
14	5	5	5	0	
15	10	10	5	5	
16	10	10	5	5	
17	10	10	5	5	
18	10	10	5	5	
19	10	10	5	5	
20	10	10	5	5	
21	10	10	5	5	
22	10	10	5	5	
23	10	10	5	5	
24	10	10	10	5	
25	15	15	10	5	
26	15	15	5	0	
27	15	15	10	0	
28	15	15	10	5	
29	10	10	5	5	
30	10	10	5	5	

Observer's Name (Print) BENNY BANNO

Observer's Signature [signature] **Date** 1-3-13

Organization NYC-DEP.

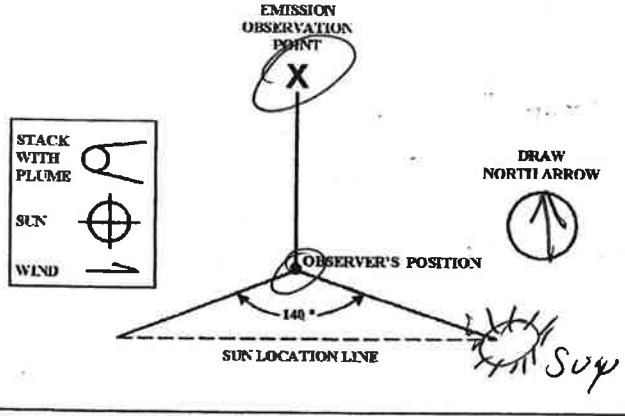
Certified by AEROMET-ENG-ENC. NYS. **Date** 10-4-12

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM Pg 18

Company Name ECC		
Location FLOYD BENNETT FIELD		
City NYK	**State** NY	**Zip**
Process Equipment		**Operating Mode**
Control Equipment AIR CURTAIN BURNER		**Operating Mode** ON
Describe Emission Point GREY SMOKE		
Height of Emission Point 10 TO 12 FT	**Height Relative to Observer** Start 12FT End	
Distance to Emission Point Start 200 FT 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 End CONTAINER		
Background Color Start BLUE End RED	**Sky Condition** Start CLEAR End SUNNY	
Wind Speed Start 11 MPH End —	**Wind Direction** Start 250° End WSW	
Ambient Temp Start 34° End —	**Wet Bulb Temp** 13°	**RH Percent** 41°

SOURCE LAYOUT SKETCH



Additional Information

Observation Date 1-3-13	**Start Time** 1530 PM	**End Time** 1600 PM

Sec / Min	0	15	30	45	Comments
1	5	5	5	5	WOOD BURNING
2	5	5	5	5	TREE STUMPS
3	0	0	0	0	+ BRANCHES
4	0	0	0	0	BURNER
5	0	0	0	0	TEMP 2000° F
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	10	10	5	0	
12	10	10	5	0	
13	10	10	5	0	
14	10	10	5	0	
15	10	10	5	0	
16	10	10	5	0	
17	10	10	10	5	
18	10	10	10	5	
19	10	10	10	5	
20	5	5	5	0	
21	5	5	5	0	
22	5	5	0	0	
23	5	5	5	0	
24	5	5	5	0	
25	0	0	0	0	NO WOOD BURNING
26	0	0	0	0	" "
27	10	10	5	5	
28	10	10	5	5	
29	10	10	5	5	
30	10	10	5	5	

Observer's Name (Print) BENNY BANNO	
Observer's Signature	**Date** 1-3-13
Organization NYC-DEP.	
Certified by AEROMET-ENG-INC. NYS.	**Date** 10-4-12
Continue on reverse side	

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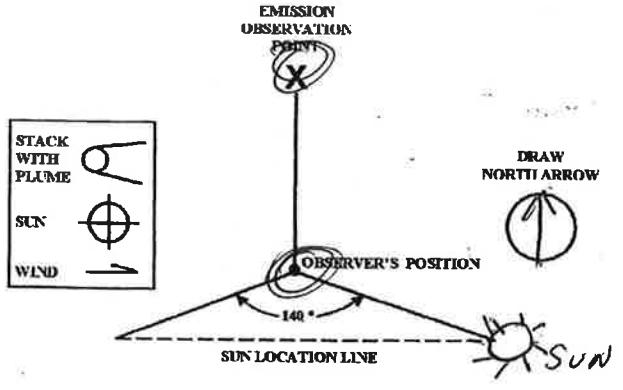
VISIBLE EMISSION OBSERVATION FORM

Company Name	ECC		
Location	FLOYD BENNETT FIELD		
City	BK	**State** NY	**Zip**
Process Equipment		**Operating Mode**	
Control Equipment	AIR CURTAIN BURNER	**Operating Mode** ON	
Describe Emission Point	GREY SMOKE		
Height of Emission Point	10 TO 12 FT	**Height Relative to Observer** Start 12FT End	
Distance to Emission Point Start 200 FT 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 WITH FLAMES			
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 End BURNER			
Describe Plume Background Start RED + BLUE End BOX CAR CONTAINER			
Background Color Start RED + BLUE End		**Sky Condition** Start CLEAR End SUNNY	
Wind Speed Start 2 MPH End		**Wind Direction** Start 80° End (E)	
Ambient Temp Start 31° End	**Wet Bulb Temp** 13°	**RH Percent** 41%	

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
1-3-13	1600	1630

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	BURNING WOOD
2	5	5	5	5	TREE STUMPS +
3	5	5	5	5	BRANCHES
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	5	5	5	5	
8	5	5	5	5	
9	5	5	5	5	
10	5	5	5	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
15	5	5	5	0	
16	5	5	5	5	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22	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	0	
28	10	10	5	5	
29	10	10	5	5	
30	10	10	5	5	

Observer's Name (Print) BENNY BANNO

Observer's Signature [signature] **Date** 1-3-13

Organization NYC-DEP.

Certified by AEROMET-ENG-INC. NYS. **Date** 10-4-12

Continue on reverse side

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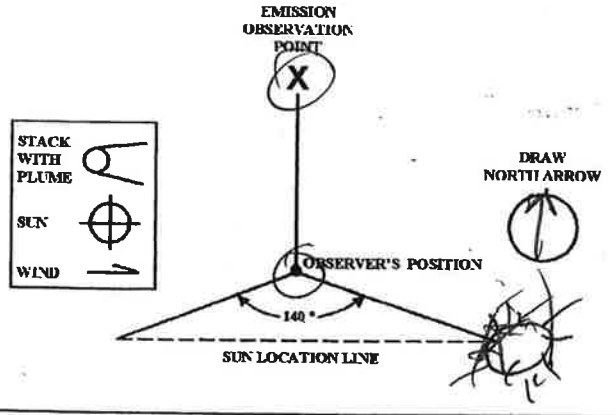
VISIBLE EMISSION OBSERVATION FORM

Company Name ECC			
Location FLOYD BENNETT FIELD			
City BK	**State** NY	**Zip**	
Process Equipment		**Operating Mode**	
Control Equipment AIR CURTAIN BURNER		**Operating Mode** ON	
Describe Emission Point GREY SMOKE FLAME			
Height of Emission Point 10 TO 12 FT	**Height Relative to Observer** Start 12 FT End		
Distance to Emission Point Start 200 FT 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 FLAME			
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 End BURNER			
Describe Plume Background Start RED + BLUE End COUNTAINER			
Background Color Start RED + End BLUE	**Sky Condition** Start End		
Wind Speed Start 11 MPH End	**Wind Direction** ° Start 260 End WEST		
Ambient Temp Start 31° End	**Wet Bulb Temp** 14°	**RH Percent** 45%	

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
1-3-13	1630	1700

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

Observer's Name (Print) BENNY BANNO

Observer's Signature [signature] **Date** 1-3-13

Organization NYC-DEP.

Certified By AEROMET ENG-INC. NYS. **Date** 10-4-12

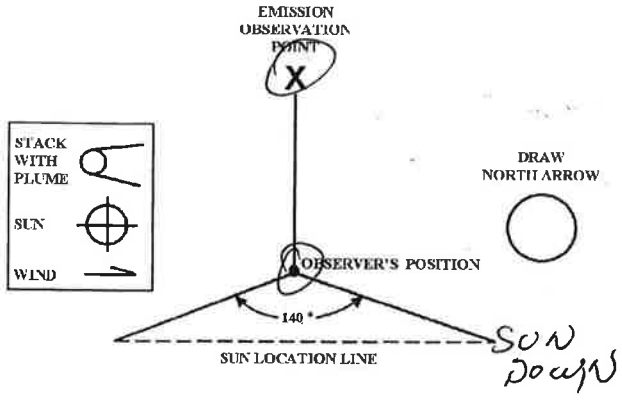
Additional Information

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name ECC		
Location FLOYD BENNETT FIELD		
City BK	**State** NY	**Zip**
Process Equipment		**Operating Mode**
Control Equipment AIR CURTAIN) BR		**Operating Mode** ON
Describe Emission Point FLARE WITH SPARKS		
Height of Emission Point 10 TO 12 FT	**Height Relative to Observer** Start 12 FT End	
Distance to Emission Point Start 200 FT End	**Direction to Emission Point** Start NORTH End	
Vertical Angle to Observation Pt. Start 90 End	**Direction to Observation Point** Start NORTH End	
Describe Emissions Start CLEAR End		
Emission Color Start CLEAR End	**If Water Droplet Plume (Circle)** Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start 2 FT A BOVE BOOM End		
Describe Plume Background Start RED + BLUE End COUNTAINERS		
Background Color Start RED End BLUE	**Sky Condition** Start CLEAR End	
Wind Speed Start 11 MPH End	**Wind Direction** Start 260 End WEST	
Ambient Temp Start 31° End	**Wet Bulb Temp** 14°	**RH Percent** 46%

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
1-3-13	1700	1730

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

Observer's Name (Print) BENNY BRUNO	
Observer's Signature	**Date** 1-3-13
Organization NYC-DEP.	
Certified By AEROMET-ENG-ENC. NYS.	**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: Operating Mode:

Control Equipment: AIR CURTAIN BURNER Operating Mode: ON

Describe Emission Point: SMOKE GREY WITH FLAME

Height of Emission Point: 10 TO 12 FT

Height Relative to Observer: Start 12 FT End

Distance to Emission Point: Start 260 FT End

Direction to Emission Point: Start NORTH End

Vertical Angle to Observation Pt: Start 90° End

Direction to Observation Point: Start NORTH End

Describe Emissions: Start GREY SMOKE WITH FLAME SPARKING

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 FROM ABOVE BURNER

Describe Plume Background: Start RED + BLUE End CONTAINER

Background Color: Start RED + BLUE End

Sky Condition: Start DARK End CLEAR

Wind Speed: Start 11 MPH End

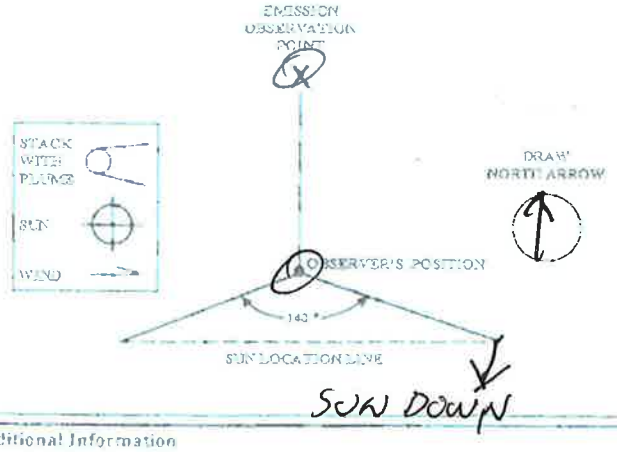
Wind Direction: Start 260° End WEST

Ambient Temp: Start 38° End

Wet Bulb Temp: 14°

RH Percent: 47%

SOURCE LAYOUT SKETCH



Additional Information:

Observation Date	Start Time	End Time
1-3-13	1730	1800

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

Observer's Name (Print): BENNY BRUNO

Observer's Signature: [signature] Date: 1-3-13

Organization: NYC-DEP.

Certified By: AEROMET-ENG-ENG. NYS. Date: 10-4-12

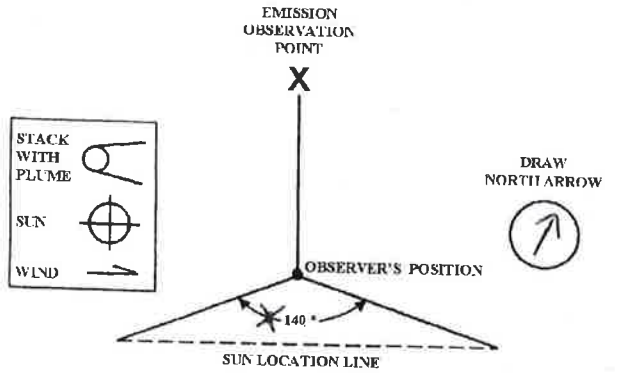
Continue on reverse side

(pg 1)

VISIBLE EMISSION OBSERVATION FORM

Company Name ECC		
Location Floyd Bennett Field		
City Brooklyn	**State** NY,	**Zip**
Process Equipment Air curtain burner		**Operating Mode**
Control Equipment Air curtain burner		**Operating Mode** ON
Describe Emission Point open flame on burner		
Height of Emission Point 10-12 ft.	**Height Relative to Observer** Start 12 ft End	
Distance to Emission Point Start 150 ft. End	**Direction to Emission Point** Start North End	
Vertical Angle to Observation Pt. Start 90° End	**Direction to Observation Point** Start End	
Describe Emissions Start Open-flame-grey smoke End		
Emission Color Start greyish End	**If Water Droplet Plume (Circle)** Attached Detached (N/A)	
Point In The Plume At Which Opacity Was Determined Start 2 feet above burner End 2 ft above burner		
Describe Plume Background Start night sky, above container End		
Background Color Start red box container End same	**Sky Condition** Start night End	
Wind Speed Start 11 mph End	**Wind Direction** Start 260° W End	
Ambient Temp Start 31° End	**Wet Bulb Temp** 15%	**RH Percent** 45%

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
1-3-13	1800	1830

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

Observer's Name (Print) Daniel E. Phelan	
Observer's Signature Daniel E Phelan	**Date** 1-3-13
Organization NYCDEP	
Certified by Whittow Enterprises Inc.	**Date** 12-27-12

Additional Information

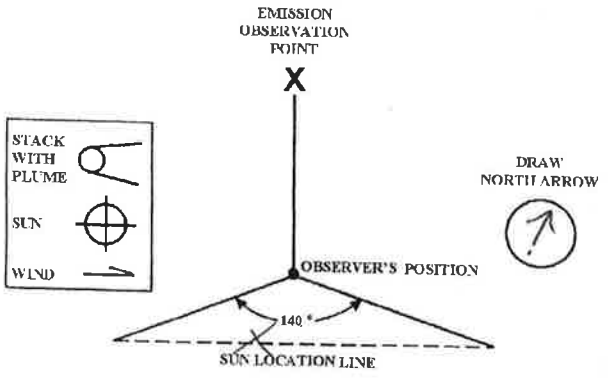
Continue on reverse side

(pg 2)

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: Floyd Bennett Field		
City: Bklyn	State: NY	Zip:
Process Equipment: Air curtain burner.		Operating Mode: ON
Control Equipment:		Operating Mode:
Describe Emission Point: open flame on burner		
Height of Emission Point: 10 ft	Height Relative to Observer: Start 12 ft End	
Distance to Emission Point: Start 150 ft End	Direction to Emission Point: Start North End	
Vertical Angle to Observation Pt.: Start 90° End	Direction to Observation Point: Start End	
Describe Emissions: Start open flame grey smoke		
Emission Color: Start greyish End	If Water Droplet Plume (Circle): Attached Detached (N/A)	
Point In The Plume At Which Opacity Was Determined: Start 2 feet above burner End		
Describe Plume Background: Start night sky End		
Background Color: Start red container End	Sky Condition: Start night End	
Wind Speed: Start 11 mph End	Wind Direction: Start 260° W End	
Ambient Temp: Start 32° End	Wet Bulb Temp:	RH Percent:

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
1-3-13	1830	1900

Min \ Sec	0	15	30	45	Comments
1	5	5	5	10	
2	10	5	5	5	
3	5	10	10	15	- cleaning out
4	15	15	20	20	burner ash
5	20	25	25	25	- steam also in
6	20	20	25	25	plume - water used
7	30	30	25	25	reading taken
8	25	20	20	20	above water vapor
9	15	15	10	10	
10	10	10	10	10	
11	5	5	5	5	
12	5	10	15	10	
13	15	15	10	5	
14	5	5	10	15	
15	20	20	10	10	
16	10	5	5	15	
17	45	45	20	15	removing ash from
18	25	30	20	20	burner
19	15	15	10	10	removal complete
20	15	15	15	15	↵ ↵
21	10	10	10	5	
22	5	5	10	5	
23	5	5	5	5	
24	5	10	10	5	
25	5	5	5	5	
26	5	5	5	5	
27	5	15	20	20	machine back on
28	25	25	25	15	top of burner
29	10	5	5	5	rekindling flame
30	5	5	10	5	

Observer's Name (Print): Daniel E. Phelan		
Observer's Signature: Daniel E Phelan	Date: 1-3-13	
Organization: NYCDEP		
Certified by: Whitlow Enterprises Inc	Date: 12-27-12	

Continue on reverse side

(pg 3)

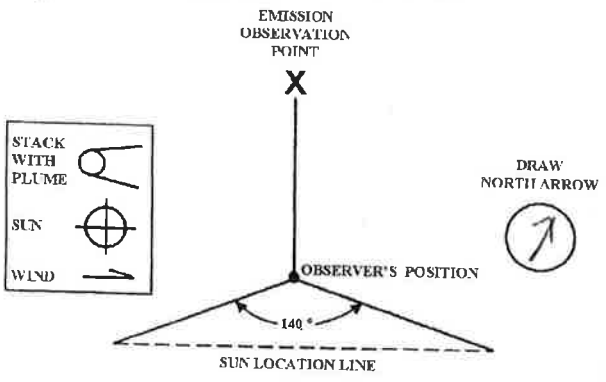
VISIBLE EMISSION OBSERVATION FORM

Company Name ECC		
Location Floyd Bennett Field		
City BKlyn	**State** NY	**Zip**
Process Equipment Air curtain burner	**Operating Mode** ON	
Control Equipment	**Operating Mode**	
Describe Emission Point open flame on burner		
Height of Emission Point 12 ft	**Height Relative to Observer** Start 12 ft. End	
Distance to Emission Point Start 150 ft End	**Direction to Emission Point** Start North End	
Vertical Angle to Observation Pt. Start 90° End	**Direction to Observation Point** Start End	
Describe Emissions Start open flame grey smoke End		
Emission Color Start greyish End	**If Water Droplet Plume (Circle)** Attached Detached (N/A)	
Point In The Plume At Which Opacity Was Determined Start 2 ft above flame End		
Describe Plume Background Start red container night sky End		
Background Color Start red container End	**Sky Condition** Start night End	
Wind Speed Start 10 mph End	**Wind Direction** Start 260° W End	
Ambient Temp Start 32° End	**Wet Bulb Temp**	**RH Percent**

Observation Date 1-3-13 | **Start Time** 1900 | **End Time** 1930

Min \ Sec	0	15	30	45	Comments
1	5	5	10	15	resume loading
2	10	15	15	10	wood debris
3	10	15	20	15	
4	20	15	20	15	
5	15	10	10	10	
6	15	15	10	10	
7	10	10	10	10	
8	15	10	10	10	
9	15	15	10	10	
10	5	5	10	10	
11	15	15	10	10	
12	10	15	20	10	
13	10	15	15	20	
14	15	15	20	20	
15	20	20	15	15	
16	20	20	15	15	
17	15	15	10	10	
18	10	10	5	5	
19	15	20	20	15	
20	15	20	20	25	moving debris
21	25	15	15	10	inside burner.
22	10	15	10	5	
23	5	5	5	5	
24	10	10	5	20	
25	25	15	10	10	
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	

SOURCE LAYOUT SKETCH



Observer's Name (Print) Daniel E. Phelan	
Observer's Signature Daniel E Phelan	**Date** 1-3-13
Organization ~~EA~~ NYCDEP	
Certified by Whitlow Enterprises, Inc	**Date** 12-27-12

Additional Information

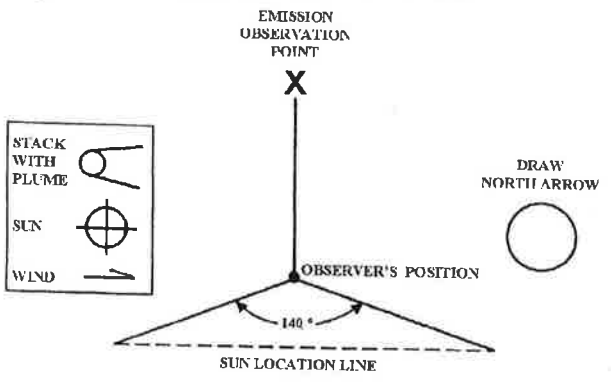
Continue on reverse side

(pg 4)

VISIBLE EMISSION OBSERVATION FORM

Company Name ECC		
Location Floyd Bennett Field		
City Bklyn	**State** NY	**Zip**
Process Equipment Air curtain burner		**Operating Mode** ON
Control Equipment		**Operating Mode**
Describe Emission Point open flame on top of burner		
Height of Emission Point 12 ft	**Height Relative to Observer** Start 12 ft End	
Distance to Emission Point Start 150 ft End	**Direction to Emission Point** Start North End	
Vertical Angle to Observation Pt. Start 40° End	**Direction to Observation Point** Start End	
Describe Emissions Start grey smoke End		
Emission Color Start grey smoke 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 red container End nightsky		
Background Color Start red box End	**Sky Condition** Start night End	
Wind Speed Start 11 mph End	**Wind Direction** Start 260° W End	
Ambient Temp Start 32° End	**Wet Bulb Temp**	**RH Percent**

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
1-3-13	1930	2000

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

Observer's Name (Print) Daniel E. Phelan

Observer's Signature [signature] **Date** 1-3-13

Organization NYCDEP

Certified by Whitlow Enterprises Inc **Date** 12-27-12

Continue on reverse side

(pg 5)

VISIBLE EMISSION OBSERVATION FORM

Company Name ECC		
Location Floyd Bennett field		
City Bklyn	**State** NY	**Zip**
Process Equipment Air curtain burner		**Operating Mode** ON
Control Equipment		**Operating Mode**

Describe Emission Point

Height of Emission Point 12 ft	**Height Relative to Observer** Start 12 ft End
Distance to Emission Point Start 150 ft End	**Direction to Emission Point** Start N 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

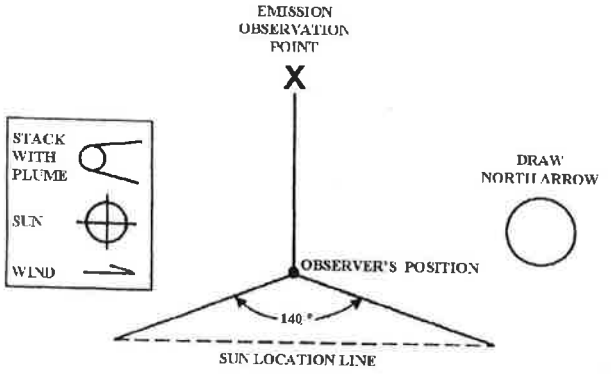
Start End

Describe Plume Background

Start End

Background Color Start End	**Sky Condition** Start night End	
Wind Speed Start 11 mph End	**Wind Direction** Start End	
Ambient Temp Start 32.0 End	**Wet Bulb Temp**	**RH Percent**

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
1-3-13	2000	2030

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

Observer's Name (Print) Daniel E. Phelan	
Observer's Signature Daniel E Phel	**Date** 1-3-13
Organization NYCDEP	
Certified by Whitlaw Enterprises Inc	**Date** 12-27-12

Continue on reverse side

(pg 6)

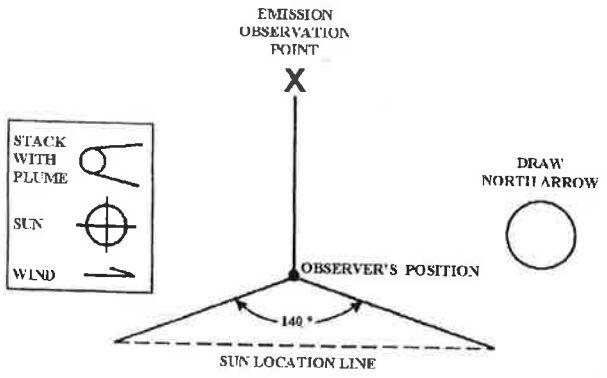
VISIBLE EMISSION OBSERVATION FORM

Company Name ECC		
Location Floyd Bennett Field		
City BKlyn	**State** NY	**Zip**
Process Equipment Air curtain burner		**Operating Mode**
Control Equipment		**Operating Mode**
Describe Emission Point		
Height of Emission Point 12 ft	**Height Relative to Observer** Start 12 ft End	
Distance to Emission Point Start 150 ft End	**Direction to Emission Point** Start N 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 night End	
Wind Speed Start 11 mph End	**Wind Direction** Start End	
Ambient Temp Start 32° End	**Wet Bulb Temp**	**RH Percent**

Observation Date 1-3-13 | **Start Time** 2030 | **End Time** 2100

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

SOURCE LAYOUT SKETCH



Observer's Name (Print) Daniel E. Phelan		
Observer's Signature Daniel E. Phelan		**Date** 1/3/13
Organization NYCDEP		
Certified by Whitlow Enterprises Inc	**Date** 12/27/12	

Additional Information

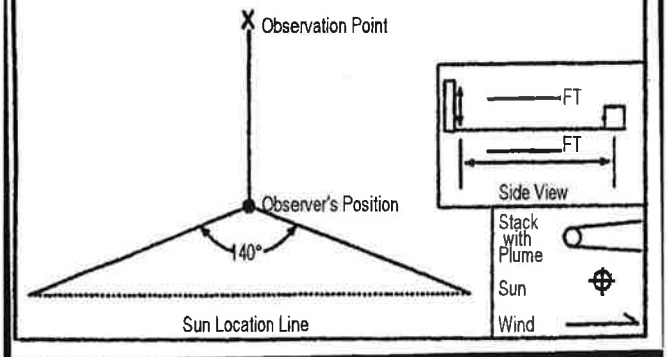
Continue on reverse side

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

COMPANY NAME: NYC - DEP		
LOCATION: FLOYD BENNETT FIELD		
LOCATION		
CITY: BROOKLYN	STATE: N.Y.	ZIP: 11234
PROCESS EQUIPMENT: PIRCURTAIN INCINIRATOR		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: 100 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: CONTRUCTION TOWER LIGHT START / END		
BACKGROUND COLOR: START / END		SKY CONDITIONS: START / END
WIND SPEED: 2-4 MPH START / END		WIND DIRECTION: N/W START / END
AMBIENT TEMP: START / END		WET BULB TEMP / RH percent

Source Layout Sketch

Draw North Arrow ☐TN ☐MN



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
01-03-13	0230 HRS	0300 HRS

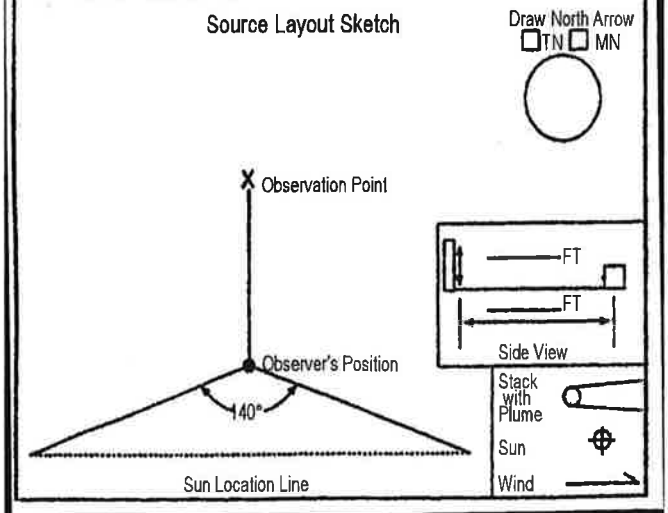
SEC / MIN	0	15	30	45	COMMENTS
1	20	20	20	20	NO LOADING
2	15	15	15	15	" "
3	15	15	15	15	" "
4	10	10	10	10	" "
5	10	10	10	10	" "
6	10	10	10	10	" "
7	10	10	10	10	" "
8	10	10	10	10	" "
9	25	25	25	25	LOADING
10	25	25	25	25	"
11	25	25	25	25	"
12	25	25	25	25	"
13	20	20	20	20	NO LOADING
14	20	20	20	20	" "
15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

OBSERVER'S NAME (PRINT): ANTON HAND	
OBSERVER'S SIGNATURE	DATE: 01-03-13
ORGANIZATION	
CERTIFIED BY	DATE

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

COMPANY NAME: NYC - DEP		
LOCATION: FLOYD BENNETT FIELD		
LOCATION		
CITY: BROOKLYN	STATE: N.Y.	ZIP: 11234
PROCESS EQUIPMENT: AIR CURTAIN 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: 100 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: CONSTRUCTION TOWER LIGHT. START / END		
BACKGROUND COLOR: START / END	SKY CONDITIONS: START / END	
WIND SPEED: 2-4 MPH. START / END	WIND DIRECTION: N/E START / END	
AMBIENT TEMP: START / END	WET BULB TEMP / RH percent	

Source Layout Sketch



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
01-03-13	0300 HRS	0330 HRS

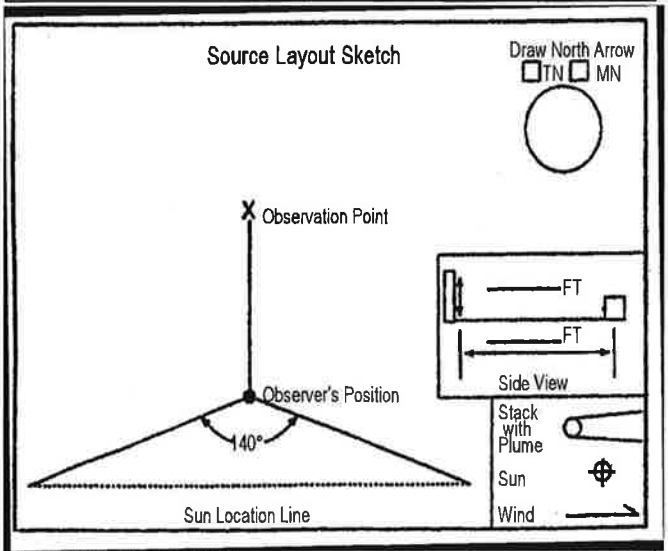
SEC / MIN	0	15	30	45	COMMENTS
1	20	20	20	20	NO LOADING.
2	20	20	20	20	" "
3	10	10	10	10	" "
4	10	10	10	10	" "
5	10	10	10	10	" "
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28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

OBSERVER'S NAME (PRINT): BRIAN HAND	
OBSERVER'S SIGNATURE	DATE: 01-03-13
ORGANIZATION	
CERTIFIED BY	DATE

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

COMPANY NAME: NYC - DEP		
LOCATION: FLOYD BENNETT FIELD		
LOCATION		
CITY: BK	STATE: N.Y	ZIP: 11234
PROCESS EQUIPMENT		OPERATING MODE
CONTROL EQUIPMENT		OPERATING MODE
DESCRIBE EMISSION POINT		
HEIGHT OF EMISSION POINT	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START / END	
DISTANCE TO EMISSION POINT: 100 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: CONSTRUCTION TOWER LIGHT START / END		
BACKGROUND COLOR: START / END	SKY CONDITIONS: START / END	
WIND SPEED: 2-4 MPH START / END	WIND DIRECTION: N. EAST START / END	
AMBIENT TEMP: START / END	WET BULB TEMP / RH percent	

Source Layout Sketch



ADDITIONAL INFORMATION

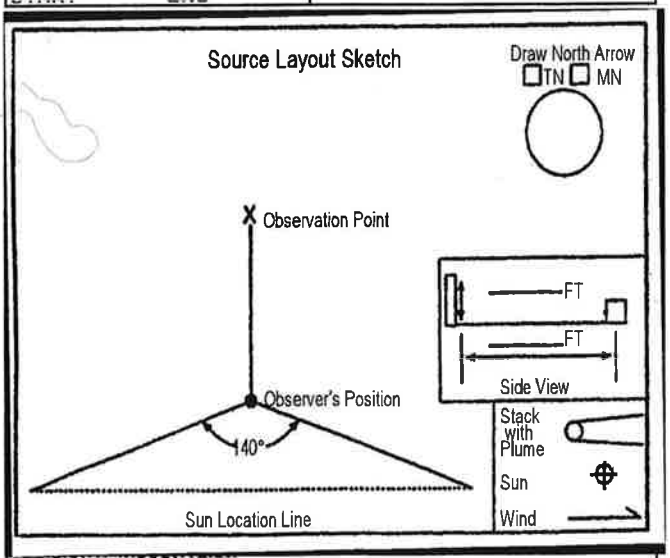
OBSERVATION DATE	START TIME	END TIME
01-03-13	0330 HRS	0400 HRS

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

OBSERVER'S NAME (PRINT): ANTON HAND	
OBSERVER'S SIGNATURE	DATE: 01-03-13
ORGANIZATION	
CERTIFIED BY	DATE

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

COMPANY NAME: NYC- DEP		
LOCATION: FLOYD BENNETT FIELD		
LOCATION		
CITY: BK.	STATE: N.Y.	ZIP: 11234
PROCESS EQUIPMENT	OPERATING MODE	
CONTROL EQUIPMENT	OPERATING MODE	
DESCRIBE EMISSION POINT		
HEIGHT OF EMISSION POINT	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START / END	
DISTANCE TO EMISSION POINT: 100 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: CONSTRUCTION TOWER LIGHT. START / END		
BACKGROUND COLOR: START / END	SKY CONDITIONS: START / END	
WIND SPEED: 2-4 MPH. START / END	WIND DIRECTION: N. EAST START / END	
AMBIENT TEMP: START / END	WET BULB TEMP / RH percent	



ADDITIONAL INFORMATION

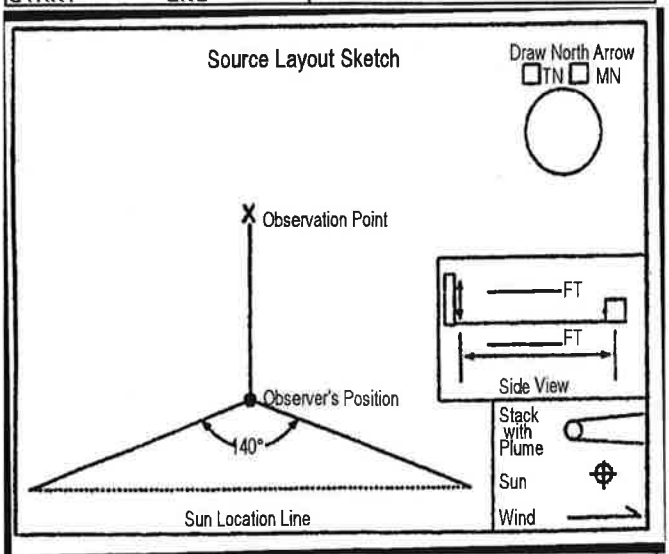
OBSERVATION DATE	START TIME	END TIME
01-03-13	0400 HRS	0430 HRS

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

OBSERVER'S NAME (PRINT): ANTON HAND	
OBSERVER'S SIGNATURE	DATE: 01-03-13
ORGANIZATION	
CERTIFIED BY	DATE

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

COMPANY NAME: NYC - DEP.		
LOCATION: FLOYD BENNETT FIELD		
LOCATION		
CITY: BK.	STATE: N.Y.	ZIP: 11234
PROCESS EQUIPMENT	OPERATING MODE	
CONTROL EQUIPMENT	OPERATING MODE	
DESCRIBE EMISSION POINT		
HEIGHT OF EMISSION POINT	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START / END	
DISTANCE TO EMISSION POINT: 100 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: CONSTRUCTION TOWER LIGHT. START / END		
BACKGROUND COLOR: START / END	SKY CONDITIONS: START / END	
WIND SPEED: 2-4 MPH. START / END	WIND DIRECTION: N-EAST. START / END	
AMBIENT TEMP: START / END	WET BULB TEMP / RH percent	



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
01-03-13	0430 HRS	0500 HRS

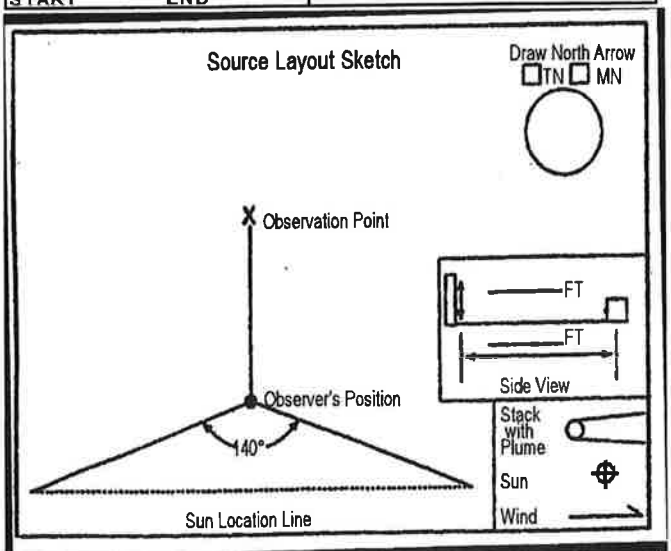
SEC / MIN	0	15	30	45	COMMENTS
1	25	25	25	25	LOADING
2	30	30	30	30	LOADING
3	30	30	30	30	N
4	20	20	20	20	N
5	20	20	20	20	NO LOADING
6	"	"	"	"	N N
7	"	"	"	"	N N
8	"	"	"	"	N N
9	"	"	"	"	N N
10	20	20	20	20	N N
11	"	"	"	"	N N
12	"	"	"	"	N N
13	"	"	"	"	N N
14	"	"	"	"	N N
15	"	"	"	"	N N
16	20	20	20	20	N N
17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

OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE	DATE: 01-03-13
ORGANIZATION	
CERTIFIED BY	DATE

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

COMPANY NAME: NYC - DEP		
LOCATION: FLOYD BENNETT FIELD		
LOCATION		
CITY: BK.	STATE: N.Y.	ZIP: 11234
PROCESS EQUIPMENT	OPERATING MODE	
CONTROL EQUIPMENT	OPERATING MODE	
DESCRIBE EMISSION POINT		
HEIGHT OF EMISSION POINT	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER — START / END	
DISTANCE TO EMISSION POINT: 100 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: CONSTRUCTION TOWER LIGHT — START / END		
BACKGROUND COLOR — START / END	SKY CONDITIONS — START / END	
WIND SPEED: 2-4 MPH — START / END	WIND DIRECTION: N. EAST — START / END	
AMBIENT TEMP — START / END	WET BULB TEMP / RH percent	

Source Layout Sketch



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
01-03-13	0500 HRS	0530 HRS

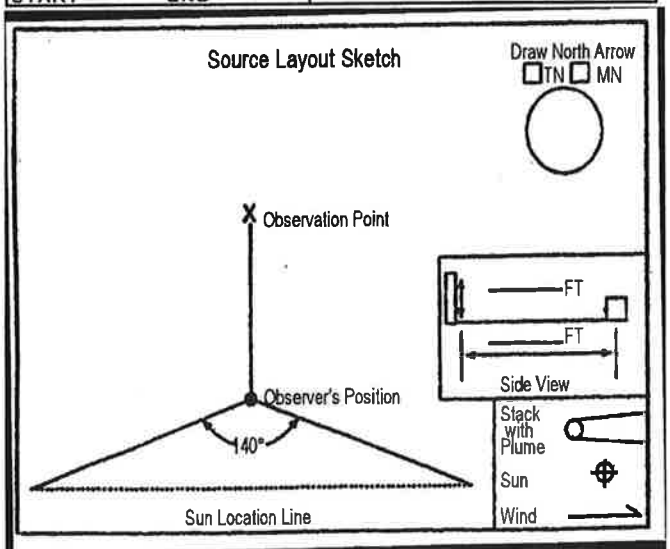
MIN \ SEC	0	15	30	45	COMMENTS
1	35	35	35	35	LOADING.
2					"
3					"
4					"
5	35	35	35	35	"
6	20	20	20	20	"
7					"
8					"
9					"
10	20	20	20	20	"
11	20	20	20	20	NO LOADING
12					" "
13					" "
14					" "
15					" "
16					" "
17					" "
18					" "
19					" "
20	20	20	20	20	" "
21	20	20	20	20	LOADING
22					"
23					"
24					"
25					"
26	20	20	20	20	"
27					NO LOADING
28					" "
29					" "
30	20	20	20	20	" "

OBSERVER'S NAME (PRINT): DINGN HANA	
OBSERVER'S SIGNATURE	DATE: 01-3-13
ORGANIZATION	
CERTIFIED BY	DATE

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

COMPANY NAME: NYC - DEP.		
LOCATION: FLOYD BENNETT FIELD		
LOCATION		
CITY: BK.	STATE: N.Y.	ZIP: 11234
PROCESS EQUIPMENT		OPERATING MODE
CONTROL EQUIPMENT		OPERATING MODE
DESCRIBE EMISSION POINT		
HEIGHT OF EMISSION POINT		HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER — START / END
DISTANCE TO EMISSION POINT: 100 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: CONSTRUCTION TOWER LIGHT. — START / END		
BACKGROUND COLOR — START / END		SKY CONDITIONS — START / END
WIND SPEED: 2-4 MPH. — START / END		WIND DIRECTION: N. EAST. — START / END
AMBIENT TEMP — START / END		WET BULB TEMP / RH percent

Source Layout Sketch



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
01-03-13	0530 HRS	0600 HRS

SEC / MIN	0	15	30	45	COMMENTS
1	20	20	20	20	NO LOADING.
2					N N
3					N N
4	20	20	20	20	N N
5	20	20	20	20	LOADING.
6					N
7					N
8					N
9					N
10					N
11	20	20	20	20	N
12	35	35	35	35	LOADING
13			↓	↓	LOADING
14	35	35	35	35	LOADING.
15	25	25	25	25	NO LOADING
16					N N
17					N N
18					N N
19	25	25	25	25	N N
20	20	20	20	20	LOADING
21					N
22					N
23					N
24					N
25					N
26					N
27	20	20	20	20	N
28	20	20	20	20	NO LOADING
29	20	20	20	20	N N
30	20	20	20	20	N N

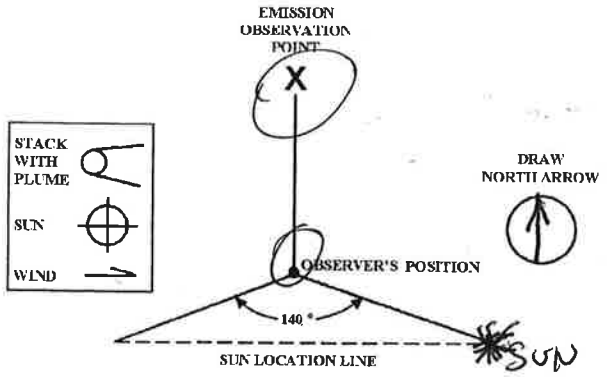
OBSERVER'S NAME (PRINT): ANTON HANA	
OBSERVER'S SIGNATURE	DATE: 01-03-13
ORGANIZATION	
CERTIFIED BY	DATE

Pg 1

VISIBLE EMISSION OBSERVATION FORM

Company Name	ECC		
Location	FLOYD BENNETT FIELD		
City	BK	**State** NY	**Zip**
Process Equipment		**Operating Mode**	
Control Equipment	AIR CURTAIN BR	**Operating Mode**	ON
Describe Emission Point	WHITEISH GREY SMOKE WITH SPARKS		
Height of Emission Point	10 to 12 FT	**Height Relative to Observer** Start 12 FT End	
Distance to Emission Point Start 200 FT 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 WHITE 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 RED + BLUE CONTAINER End			
Background Color Start RED + BLUE End		**Sky Condition** Start CLEAR End	
Wind Speed Start 4 mph End		**Wind Direction** Start WNW End	
Ambient Temp Start 46° End	**Wet Bulb Temp** 15°	**RH Percent** 63%	

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
1-3-13	6:00 AM	6:30 AM

Sec / Min	0	15	30	45	Comments
1	10	10	10	10	BURNING WOOD
2	10	10	10	10	
3	10	10	10	10	
4	10	10	10	10	
5	10	10	10	10	
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	15	15	15	15	
12	15	15	15	15	
13	15	15	15	15	
14	15	15	15	15	
15	15	15	15	15	
16	15	15	15	15	
17	10	10	10	10	
18	10	10	10	10	
19	10	10	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	15	15	15	15	
27	15	15	15	15	
28	15	15	15	15	
29	15	15	15	15	
30	15	15	15	15	

Observer's Name (Print) BENNY BRUNO

Observer's Signature [signature] **Date** 1-3-13

Organization NYC-OEP.

Certified by AEROMET-ENG-INC. NYS. **Date** 10-4-12

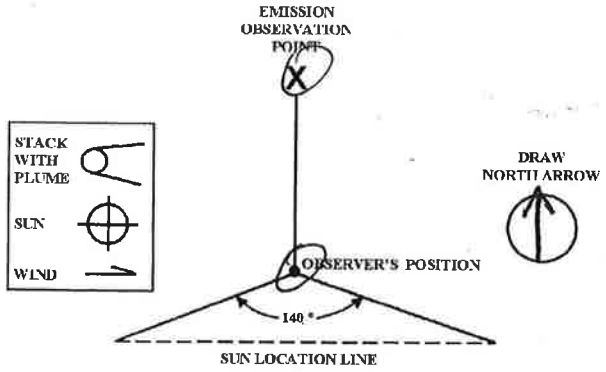
Continue on reverse side

pg 2

VISIBLE EMISSION OBSERVATION FORM

Company Name ECC		
Location FLOYD BENNETT FIELD		
City BK	**State** NY	**Zip**
Process Equipment		**Operating Mode**
Control Equipment AIR CURTAIN BURNER		**Operating Mode** ON
Describe Emission Point WHITE GREY SMOKE WITH SPARKS		
Height of Emission Point 10 TO 12 FT	**Height Relative to Observer** Start 12 FT End	
Distance to Emission Point Start 200 FT 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 WHITE 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 WHITE GREY SMOKE End		
Background Color Start GREY End	**Sky Condition** Start CLEAR End	
Wind Speed Start 6 MPH End	**Wind Direction** Start WNW End	
Ambient Temp Start 26° End	**Wet Bulb Temp** 15°	**RH Percent** 63%

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
1-2-13	6:30 AM	7:00 AM

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

Observer's Name (Print) BENNY BRUNO

Observer's Signature [signature] **Date** 1-3-13

Organization NYC-DEP.

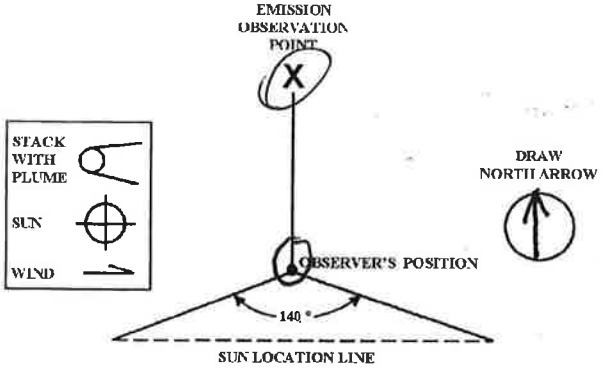
Certified By AEROMET-ENG-INC. NYS. **Date** 10-4-12

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name	ECC	
Location	FLOYD BENNETT FIELD	
City	BK	**State** NY **Zip**
Process Equipment		**Operating Mode**
Control Equipment	AIR CONTAIN BURNER	**Operating Mode** ON
Describe Emission Point	GREY SMOKE WITH SPARKS	
Height of Emission Point	18-12 FT	**Height Relative to Observer** Start 12 FT End
Distance to Emission Point	Start 200 FT 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 WHITE 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	
Describe Plume Background	Start RED + BLUE CONTAINERS	
Background Color	Start RED + BLUE End	**Sky Condition** Start CLEAR End
Wind Speed	Start 6 MPH End	**Wind Direction** Start End
Ambient Temp	Start 26°C End	**Wet Bulb Temp** ~9°C **RH Percent** 63%

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
1-3-13	700	730 AM

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

Observer's Name (Print) BENNY BRUNO

Observer's Signature [signature] **Date** 1-3-13

Organization NYC-DEP.

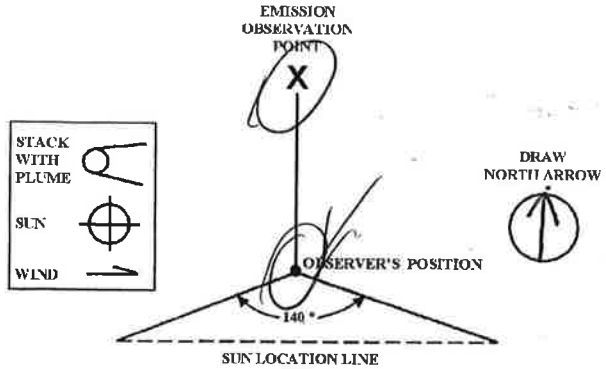
Certified by AEROMET-ENG-INC. NYS. **Date** 10-4-12

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name ECC		
Location FLOYD BENNETT FIELD		
City BK	**State** NY	**Zip**
Process Equipment		**Operating Mode**
Control Equipment AIR CURTAIN BURNER		**Operating Mode** ON
Describe Emission Point GREY SMOKE		
Height of Emission Point 10 TO 12 FT	**Height Relative to Observer** Start 12 FT End	
Distance to Emission Point Start 200 FT 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 WITH SPARKS FLAME		
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 8 MPH End	**Wind Direction** Start NNW 330° End	
Ambient Temp Start 26 End	**Wet Bulb Temp** 11°	**RH Percent** 59%

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
1-3-13	7:30	2:00 PM

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

Observer's Name (Print) BENNY BRUNO

Observer's Signature [signature] **Date** 1-3-13

Organization NYC-DEP.

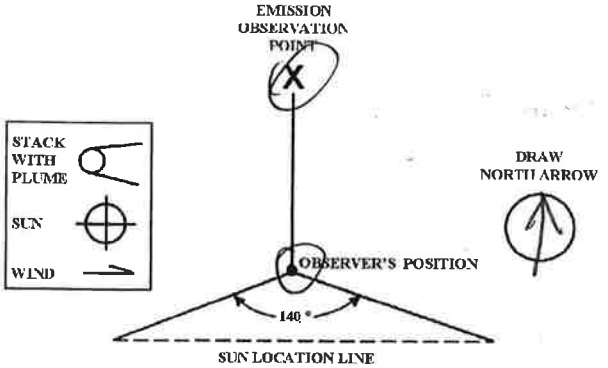
Certified by AEROMET-ENG-INC. NYS. **Date** 10-4-12

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name	ECC		
Location	FLOYD BENNETT FIELD		
City	BK	**State** NY	**Zip**
Process Equipment		**Operating Mode**	
Control Equipment	AIR CURTAIN BURNER	**Operating Mode**	ON
Describe Emission Point	GREY SMOKE		
Height of Emission Point	10 TO 12 FT	**Height Relative to Observer**	Start 12 FT End
Distance to Emission Point	Start 200 FT 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 WHITE 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 RED BLUE CONTAINERS End		
Background Color	Start RED + BLUE End	**Sky Condition**	Start CLEAR End
Wind Speed	Start 8 MPH End	**Wind Direction**	Start WNW AT End 330°
Ambient Temp	Start 26° End	**Wet Bulb Temp** 16°	**RH Percent** 72%

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
1-3-13	8:00 AM	8:30 AM

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

Observer's Name (Print) BENNY BRUNO

Observer's Signature [signature] **Date** 1-3-13

Organization NYC-DEP.

Certified By AEROMET-ENG-INC. NYS. **Date** 10-4-12

Continue on reverse side

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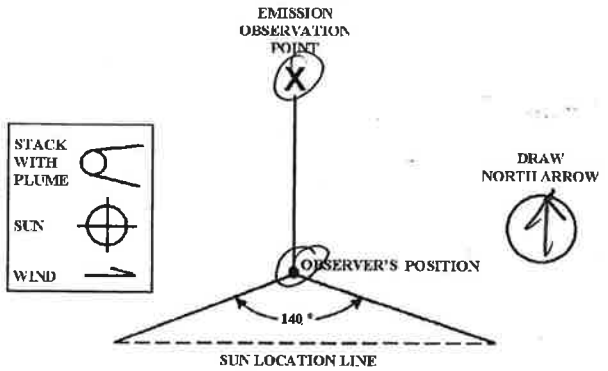
VISIBLE EMISSION OBSERVATION FORM

Company Name ECC		
Location LLOYD BENNETT FIELD		
City	**State**	**Zip**
Process Equipment	**Operating Mode**	
Control Equipment AIR CURTAIN BR	**Operating Mode** OW	
Describe Emission Point GREY SMOKE WITH FLAMES.		
Height of Emission Point 10 TO 12 FT	**Height Relative to Observer** Start 2FT End	
Distance to Emission Point Start 200 FT 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 WITH FLAME		
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 CONTAINER'S End		
Background Color Start RED & BLUE End	**Sky Condition** Start CLOUDY End	
Wind Speed Start 12MPH End	**Wind Direction** Start 330 NW WEST End	
Ambient Temp Start 26° End —	**Wet Bulb Temp** 16°	**RH Percent** 65%

SOURCE LAYOUT SKETCH



Additional Information

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

Observation Date 1-3-13 **Start Time** 9:00 AM **End Time** 9:30 AM

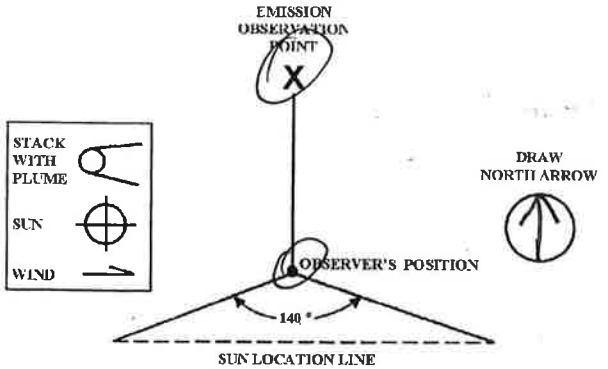
Observer's Name (Print) BENNY BRUNO		
Observer's Signature	**Date** 1-3-13	
Organization NYC-DEP.		
Certified By AEROMET-ENG-INC. NYS.	**Date** 10-4-12	

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name	ECC		
Location	FLOYD BENNET FIELD		
City	BK	**State** NY	**Zip**
Process Equipment		**Operating Mode**	
Control Equipment	AIR CURTAIN BURNER ON.	**Operating Mode**	
Describe Emission Point	GREY SMOKE WITH FLARE + SPARKING		
Height of Emission Point	10 TO 12 FT	**Height Relative to Observer** Start 12FT End	
Distance to Emission Point Start 200 FT 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 CONTAINER'S End			
Background Color Start RED + BLUE + SKY End		**Sky Condition** Start CLEAR TO CLOUDY End	
Wind Speed Start 12MPH End —		**Wind Direction** Start 90° EAST End	
Ambient Temp Start 26° End	**Wet Bulb Temp** 16°	**RH Percent** 65%	

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
1-3-13	8:30 AM	9:00 AM

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

Observer's Name (Print) BENNY BRUNO

Observer's Signature [signature] **Date** 1-3-13

Organization NYC-DEP.

Certified By AEROMET-ENG-INC. NYS. **Date** 10-4-12

Continue on reverse side

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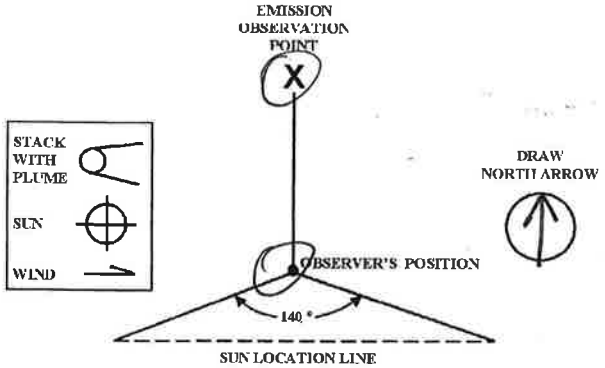
VISIBLE EMISSION OBSERVATION FORM

Company Name ECC		
Location FLOYD BENNETT FIELD		
City BK	**State** NY	**Zip**
Process Equipment		**Operating Mode**
Control Equipment AIR CURTAIN BURNER		**Operating Mode** OW
Describe Emission Point GREY SMOKE WITH FLAME		
Height of Emission Point 10 TO 12 FT	**Height Relative to Observer** Start 12FT End	
Distance to Emission Point Start 200FT 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 CONTAINER End		
Background Color Start RED + BLUE End	**Sky Condition** Start CLOUDY End	
Wind Speed Start 10 MPH End	**Wind Direction** Start NW WEST End	
Ambient Temp Start 26° End	**Wet Bulb Temp** 16°	**RH Percent** 65%

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
1-3-13	9:30 AM	10:00 AM

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

Observer's Name (Print) BENNY BRUNO

Observer's Signature [signature] **Date** 1-3-13

Organization NYC-DEP.

Certified by AEROMET-ENG-INC. NYS. **Date** 10-4-12

Continue on reverse side

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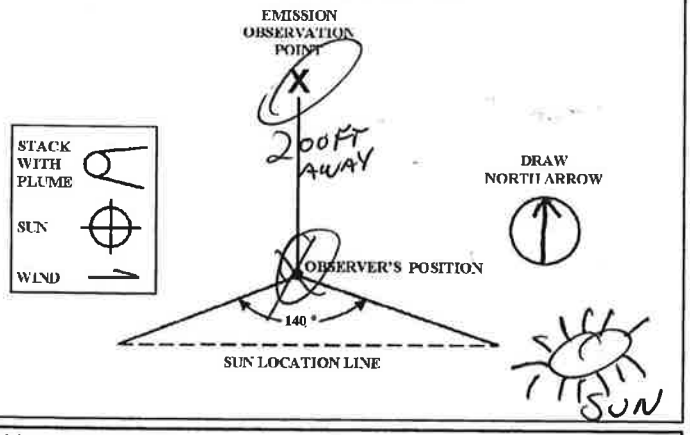
VISIBLE EMISSION OBSERVATION FORM

Company Name	ECC		
Location	FLOYD BENNETT FIELD		
City	BK	**State** NY	**Zip**
Process Equipment		**Operating Mode**	
Control Equipment	AIR CURTAIN BURNER	**Operating Mode**	ON
Describe Emission Point	GREY SMOKE WITH FLAME		
Height of Emission Point	10 TO 12 FT	**Height Relative to Observer**	Start 12 FT End
Distance to Emission Point	Start 200 FT 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 RED + BLUE End CONTAINERS		
Background Color	Start RED + End BLUE	**Sky Condition**	Start CLEAR End SUNNY
Wind Speed	Start 11 MPH End	**Wind Direction**	AT 330° Start NW End WEST
Ambient Temp	Start 26°C End	**Wet Bulb Temp** 16°	**RH Percent** 65%

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
1-3-13	10:00 AM	10:30 AM

Min \ Sec	0	15	30	45	Comments
1	10	10	5	0	BURNING TREE
2	10	10	5	0	STUMPS + BRANCHES
3	10	10	5	0	
4	10	10	10	5	
5	10	10	10	5	
6	10	10	10	0	
7	10	10	10	0	
8	10	10	10	0	
9	10	10	10	0	
10	10	10	10	0	
11	10	10	10	0	
12	10	10	10	0	
13	5	5	5	0	
14	5	5	5	0	
15	5	5	5	0	STOP BURNING — WOOD
16	5	5	5	0	MACHINE — LEFT TO
17	5	5	5	0	GAS UP.
18	5	5	5	0	
19	5	5	5	0	
20	5	5	5	0	
21	5	5	5	0	
22	5	5	5	0	
23	5	5	5	0	
24	5	5	5	0	
25	10	10	5	0	MACHINE BACK
26	10	10	5	0	RESUME BURNING —
27	10	10	5	0	
28	10	10	5	0	
29	10	10	5	0	
30	10	10	5	5	

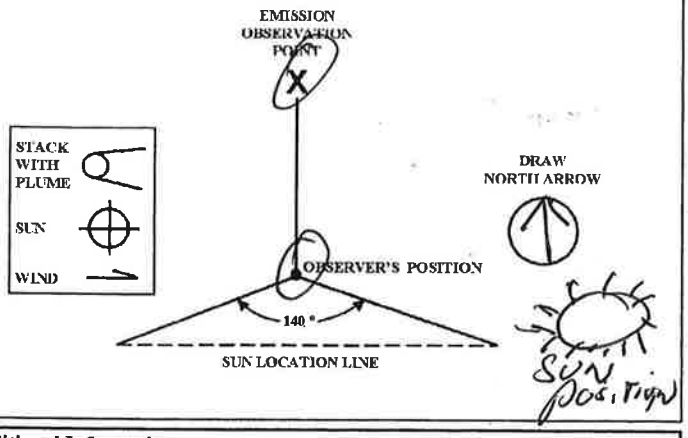
Observer's Name (Print)	BENNY BRUNO
Observer's Signature	Date 1-3-13
Organization	NYC - DEP.
Certified By	AEROMET-ENG-INC. NYS. Date 10-4-12
Continue on reverse side	

Additional Information

VISIBLE EMISSION OBSERVATION FORM

Company Name ECC			
Location FLOYD BENNETT FIELD			
City BK	**State** NY	**Zip**	
Process Equipment		**Operating Mode**	
Control Equipment AIR CURTAIN BURNER		**Operating Mode** ON	
Describe Emission Point GREY SMOKE WITH FLAME			
Height of Emission Point 10 TO 12 FT	**Height Relative to Observer** Start 12FT End		
Distance to Emission Point Start 200FT 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 SUNNY		
Wind Speed Start 12MPH End	**Wind Direction** Start 90 End EAST		
Ambient Temp Start 28° End	**Wet Bulb Temp** 17°	**RH Percent** 63%	

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
1-3-13	10:30 AM	11:00 AM

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

Observer's Name (Print) BENNY BRUNO	
Observer's Signature	**Date** 1-3-13
Organization NYC-OEP.	
Certified By AEROMET-ENG-INC. NYS.	**Date** 10-4-12
Continue on reverse side	