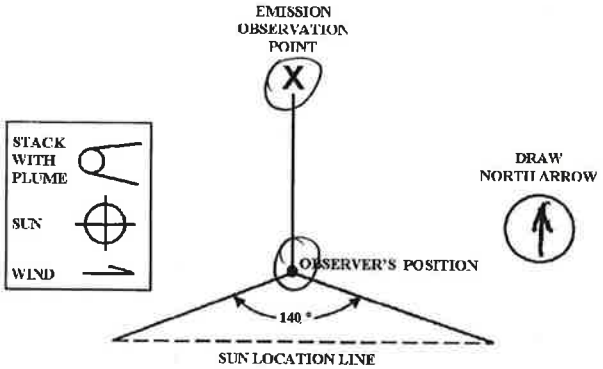
To G.K. — Page 4

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: ROOFING GREY SMOKE E/B			
Height of Emission Point: 10 FT	Height Relative to Observer: Start 8 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 ROOFING 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 TREE BRANCHES			
Describe Plume Background: Start RED CONTAINER End			
Background Color: Start BLUE/GREY End	Sky Condition: Start CLEAR End		
Wind Speed: Start 12 MPH End	Wind Direction: Start 310 NW End		
Ambient Temp: Start 31 End	Wet Bulb Temp:	RH Percent: 71%	

SOURCE LAYOUT SKETCH



Observation Date: 12-28-12	Start Time: 8:60 AM	End Time: 9:45

Min \ Sec	0	15	30	45	Comments
1	35	35	30	20	START UP 8:45
2	35	35	30	20	
3	35	35	30	20	
4	20	20	15	10	
5	15	15	15	10	
6	15	15	15	10	
7	20	20	20	15	
8	20	20	20	15	
9	20	20	20	15	
10	25	25	25	20	
11	25	25	20	15	
12	25	25	20	15	
13	20	20	15	15	
14	20	20	15	15	
15	20	20	15	10	
16	50	50	25	20	ECC NOTIFIED -
17	50	50	25	20	
18	50	50	35	20	
19	40	40	40	30	
20	40	40	40	35	
21	45	45	40	30	
22	45	45	40	30	
23	45	45	45	30	
24	50	50	40	35	
25	50	50	30	20	
26	50	50	25	20	
27	55	55	50	40	
28	60	60	55	40	
29	80	80	60	50	
30	100	100	80	65	

Observer's Name (Print): BENNY BRUNO	
Observer's Signature: B. Bruno	Date: 12/28/12
Organization: NYC-DEP.	
Certified by: AEROMET-ENG-INC. NYS.	Date: 10-4-12
Continue on reverse side	

Additional Information: MULCH BEING LOADED IN CONTAINER TRUCKS + CARTED AWAY

ACCP BY 140- BURNER NOT AT OPERATING RANGE OF 1800 °F

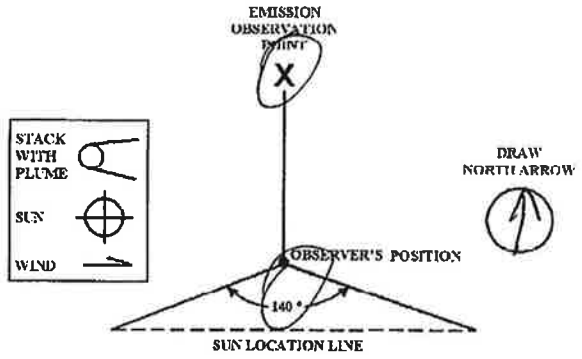
To GK

P97

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FLOYD BENNETT FIELD		
City: BK	State: NY	Zip:
Process Equipment:		Operating Mode:
Control Equipment: AIR HEATER -		Operating Mode: BW
Describe Emission Point: BLUE GRAY SMOKE		
Height of Emission Point: 10 TO 12 FT	Height Relative to Observer: Start 8 TO 10 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 WHITE 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		
Background Color: Start RED & BLUE End	Sky Condition: Start CLEAR End	
Wind Speed: Start 14 MPH End	Wind Direction: Start NWS End	
Ambient Temp: Start 35° End	Wet Bulb Temp:	RH Percent: 54 %

SOURCE LAYOUT SKETCH



Additional Information: ACCP BY 114 + 140

Observation Date	Start Time	End Time
12-28-12	1218	1315

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

Observer's Name (Print): BENNY BRUNO

Observer's Signature: [signature] Date: 12-28-12

Organization: DEP NYC 109

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

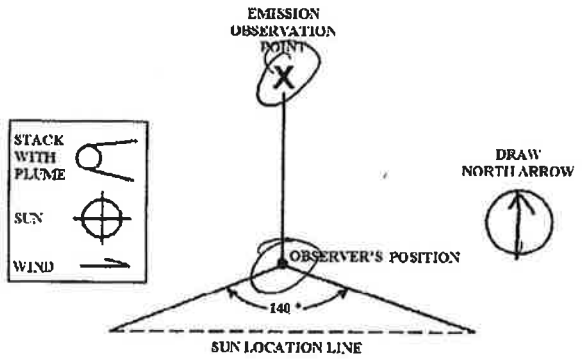
Continue on reverse side

Pg 8

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FLOYD BENNETT FIELDS		
City: BK	State: NY	Zip:
Process Equipment		Operating Mode
Control Equipment: AIR CURTAIN HOOD		Operating Mode: ON
Describe Emission Point: BLUE GREY SMOKE		
Height of Emission Point: 10 TO 12 FT	Height Relative to Observer: Start 8 TO 10 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 WHITE 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 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 14 MPH End	Wind Direction: Start NW WEST End	
Ambient Temp: Start 35° End	Wet Bulb Temp	RH Percent: 54%

SOURCE LAYOUT SKETCH



Additional Information: ACCP 114 + 109

Observation Date	Start Time	End Time
12-28-12	1315	1345

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

Observer's Name (Print): Alfred Ghobryal

Observer's Signature: [signature] Date: 12-28-12

Organization: DEP NY

Certified by: AERO MET INC NY Date: 12-28-12

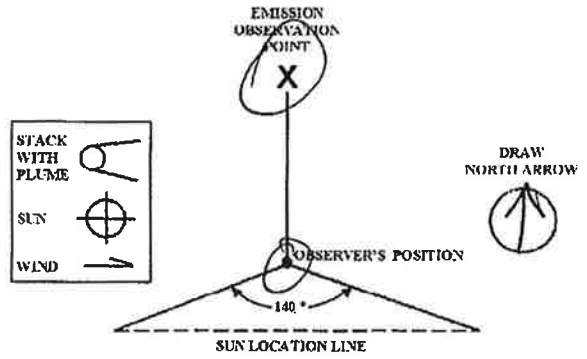
Continue on reverse side

#9

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: 9A
Describe Emission Point: BLUE GREY SMOKE		
Height of Emission Point: 10 TO 12 FT	Height Relative to Observer: Start 5 TO 10 FT End	
Distance to Emission Point: Start GREY SMOKE End WHITE	Direction to Emission Point: Start NORTH End	
Vertical Angle to Observation Pt. Start / End	Direction to Observation Point: Start NORTH End	
Describe Emissions: Start RED+BLUE CONTAINER 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		
Background Color: Start RED End BLUE	Sky Condition: Start CLEAR End	
Wind Speed: Start 14 MPH End	Wind Direction: Start N.WEST End	
Ambient Temp: Start 35° End	Wet Bulb Temp	RH Percent: 57%

SOURCE LAYOUT SKETCH



Additional Information: ACCP 114-109

Observation Date	Start Time	End Time
12-28-12	1345	1415

Min \ Sec	0	15	30	45	Comments
1		0			
2		0			
3		0			
4		0			
5		0			
6		0			
7		0			
8		0			
9		20			
10		15			
11		10			
12		20			
13		30			
14		35			
15		25			
16		30			
17		20			
18		15			
19		10			
20		10			
21		5			
22		5			
23		15			
24		10			
25		10			
26		5			
27		5			
28		5			
29		0			
30		0			

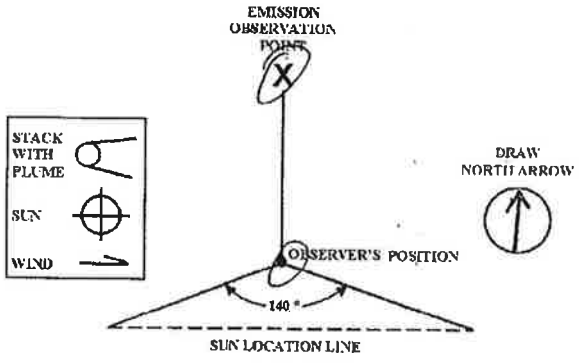
Observer's Name (Print): Alfred Ghobryal	
Observer's Signature: Alfred Ghobryal	Date: 12-28-12
Organization: DEP NY	
Certified by: AERO Met INC NYS	Date: 12-28-12

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: BLUE GREY SMOKE AIR CURTAIN HEATER			
Height of Emission Point: 10 TO 12 FT	Height Relative to Observer: Start BTO10 End FT		
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 WHITE 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 25FT 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 14 MPH End	Wind Direction: Start WEST End		
Ambient Temp: Start 38° End	Wet Bulb Temp	RH Percent: 52%	

SOURCE LAYOUT SKETCH



Additional Information: ACCP BY 114-140

Observation Date: 12-28-12	Start Time: 1425 PM	End Time: 1445 PM

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

Observer's Name (Print): JENNY BROWN

Observer's Signature: [signature] Date: 12-28-12

Organization: DEP NYC ENFORCEMENT

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

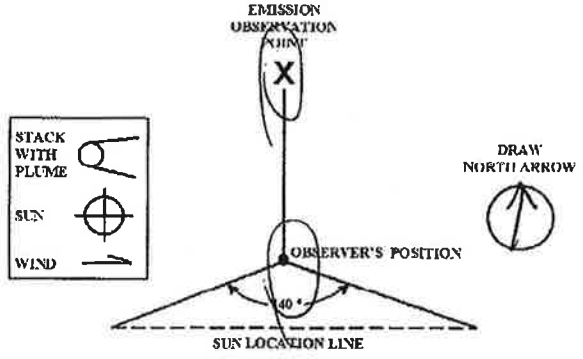
Continue on reverse side

Pg 11

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 WHITE SMOKE		
Height of Emission Point: 10 TO 12 FT	Height Relative to Observer: Start 8 TO 10 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 WHITE 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 BURNER End		
Describe Plume Background: Start RED + BLUE CONTAINERS End		
Background Color: Start RED + BLUE End	Sky Condition: Start CLEAR End	
Wind Speed: Start 15 MPH End	Wind Direction: Start NORTH WEST	
Ambient Temp: Start 35° End	Wet Bulb Temp: 27K	RH Percent: 54%

SOURCE LAYOUT SKETCH



Additional Information: ACP BY 11-1-140

Observation Date: 12-28-12	Start Time: 1445	End Time: 1515

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

Observer's Name (Print): BENNY BRUNO

Observer's Signature: [signature] Date: 12-28-12

Organization: DEP NYC

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

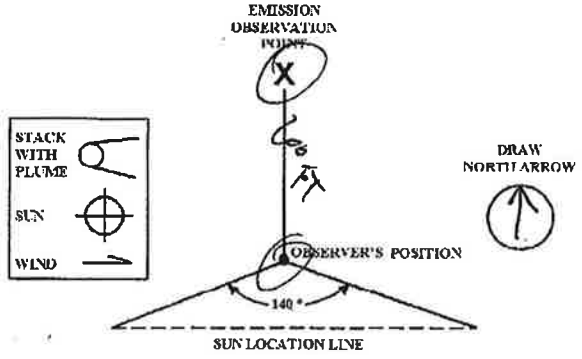
Continue on reverse side

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 HEATER -		Operating Mode: ON
Describe Emission Point: BLUE GREY SMOKE		
Height of Emission Point: 10 TO 12 FT	Height Relative to Observer: Start 8 TO 10 End FT	
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 WHITE SMOKE End		
Emission Color: Start GREY To WHITE	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 BOX		
Background Color: Start RED & BLUE End	Sky Condition: Start CLEAR End	
Wind Speed: Start 14 MPH End	Wind Direction: Start WEST End	
Ambient Temp: Start 35° End	Wet Bulb Temp	RH Percent: 54%

SOURCE LAYOUT SKETCH



Additional Information: ACCEPT BY 140 ± 14

Observation Date	Start Time	End Time
12-28-12	1515	1545

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

Observer's Name (Print):

Observer's Signature: Date 12-28-12

Organization: DEP NYC

Certified by: AERO METRIC Date 10-4-12

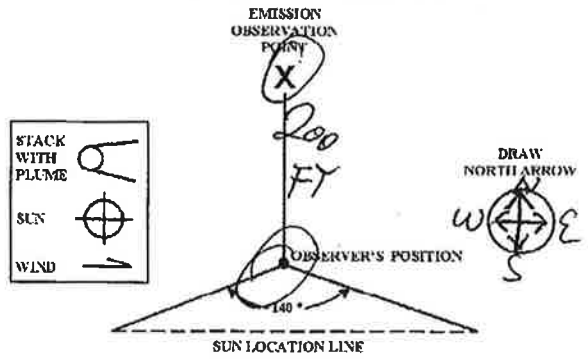
Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Pg 1 3

Company Name: ECC		
Location: FLOYD BENNETT FIELD		
City: BK	State: NY	Zip:
Process Equipment:		Operating Mode:
Control Equipment: AIR CURTAIN INCINERATOR		Operating Mode: OW
Describe Emission Point: ROLLING GREY SMOKE		
Height of Emission Point: 10 FT	Height Relative to Observer: Start 8 TO 10 End FT	
Distance to Emission Point: Start 200 FT End	Direction to Emission Point: Start NW End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point: Start NW End	
Describe Emissions: Start GREY SMOKE End		
Emission Color: Start GREY End TO WHITE	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 COUNTAINER		
Background Color: Start RED End BLUE	Sky Condition: Start CLEAR End	
Wind Speed: Start 12 MPH End	Wind Direction: Start 300° WNW End	
Ambient Temp: Start 35 End	Wet Bulb Temp: 23°	RH Percent: 50%

SOURCE LAYOUT SKETCH



Additional Information: ACCEPTABLE

Observation Date	Start Time	End Time
12-28-12	1545 PM	1615 PM

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

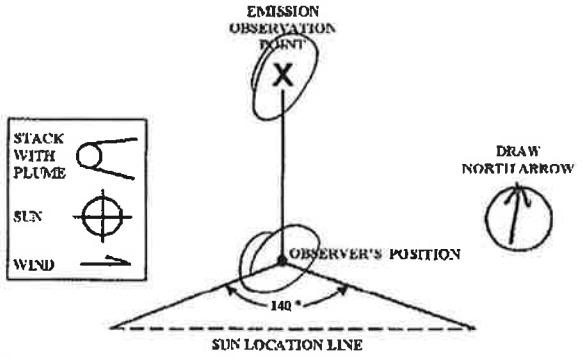
Observer's Name (Print): BENNY BRUNO	
Observer's Signature:	Date: 12-28-12
Organization: DEP NYC	
Certified by: AEROMET INC NYS	Date: 10-4-12
Continue on reverse side	

Pg 14

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: Rolling Grey Smoke		
Height of Emission Point: 10 FT	Height Relative to Observer: Start 8 To End 10 FT	
Distance to Emission Point: Start 50 FT End	Direction to Emission Point: Start N West End	
Vertical Angle to Observation Pt. Start 45° End	Direction to Observation Point: Start N West End	
Describe Emissions: Start Grey Smoke		
Emission Color: Start Grey To White 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 Continued		
Background Color: Start Red End Blue	Sky Condition: Start Clear End	
Wind Speed: Start 12 MPH End	Wind Direction: Start West End North West	
Ambient Temp: Start 35° End	Wet Bulb Temp	RH Percent: 50%

SOURCE LAYOUT SKETCH



Additional Information: ACP Bx 114

Observation Date: 12-28-12	Start Time: 1615	End Time: 1645

Sec / Min	0	15	30	45	Comments
1		0			NOT BURNING AT THIS TIME
2		0			
3		0			
4		0			
5		0			
6		0			
7		0			
8		0			
9		0			
10		0			
11		0			
12		0			
13		0			
14		0			WOOD BURNING CONTINUED
15		15			
16		10			
17		10			
18		15			
19		25			
20		30			
21		15			
22		25			
23		30			
24		35			
25		15			
26		20			
27		20			
28		15			
29		15			
30		15			

Observer's Name (Print): Henry Bruno

Observer's Signature: [signature] Date: 12-28-12

Organization: DEP NYC

Certified by: Aero Met Inc NYS Date: 10-4-12

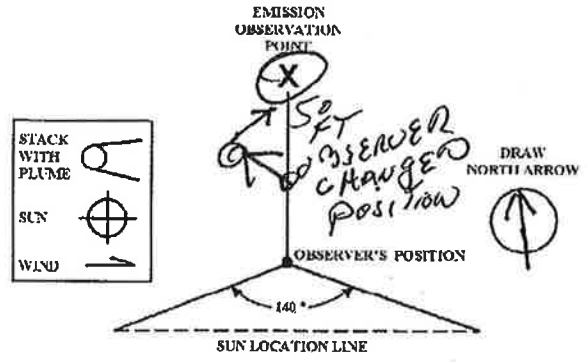
Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

RJ 15

Company Name: ECC		
Location: FLOYD BENNETT FIELD		
City: BK	State: NY	Zip:
Process Equipment		Operating Mode
Control Equipment: CURTAIN AIR HEATER		Operating Mode: OW
Describe Emission Point: Rolling grey smoke with fire & flame over top		
Height of Emission Point: 10 FT	Height Relative to Observer: Start 10 To End 12 FT	
Distance to Emission Point: Start 50 FT End	Direction to Emission Point: Start South End West	
Vertical Angle to Observation Pt. Start 0 End	Direction to Observation Point Start End	
Describe Emissions: Start GREY SMOKE End WITH FIRE		
Emission Color: Start GREYISH WHITE	If Water Droplet Plume (Circle): Attached Detached (N/A)	
Point In The Plume At Which Opacity Was Determined: Start 2FT ABOVE End HTR BURNER		
Describe Plume Background: Start RED + BLUE End CONTAINER		
Background Color: Start RED + BLUE End	Sky Condition: Start CLEAR End	
Wind Speed: Start 12MPH End	Wind Direction: Start WNW End	
Ambient Temp: Start 34/0 End	Wet Bulb Temp:	RH Percent: 50%

SOURCE LAYOUT SKETCH



Additional Information: Acc Bx 114

Observation Date: 12-28-12 | Start Time: 1615 | End Time: 1715

Sec / Min	0	15	30	45	Comments
1		0			NOT BURNING WOOD
2		0			
3		0			
4		0			
5		0			
6		0			
7		0			
8		0			
9		0			
10		0			
11		0			
12		0			
13		0			
14		0			
15		0			
16		0			HIGH FIRE
17		0			& SPARKS
18		0			GETTING NEAR
19		0			DRUM -
20		0			NOT BURNING
21		0			WOOD
22		0			
23		0			
24		0			
25		0			
26		0			
27		0			
28		0			
29		0			
30		0			

Observer's Name (Print): BENN BRUNO

Observer's Signature: [signature] | Date: 12-28-12

Organization: DEP-NYC

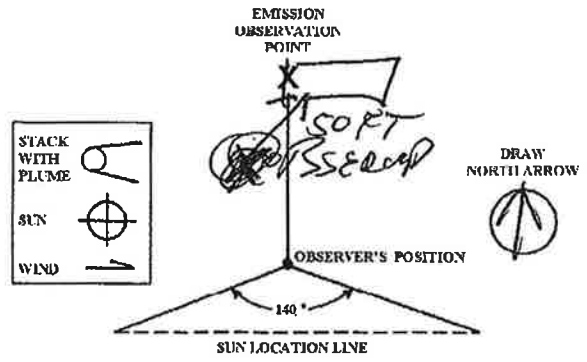
Certified by: AEROCRETE INC NYS. | Date: 10-4-12

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 CONTAINMENT HEATER		Operating Mode: ON
Describe Emission Point		
Height of Emission Point: 10 FT	Height Relative to Observer: Start 10 TO 12 FT	
Distance to Emission Point: Start 50 FT End	Direction to Emission Point: Start SOUTH End WEST	
Vertical Angle to Observation Pt. Start 45° End	Direction to Observation Point: Start SOUTH End WEST	
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 End AIR BURNER		
Describe Plume Background: Start RED + BLUE End CONTAINER		
Background Color: Start RED + End BLUE	Sky Condition: Start DARK End CLEAR	
Wind Speed: Start 12 MPH End	Wind Direction: Start WNW End	
Ambient Temp: Start 34° End	Wet Bulb Temp	RH Percent: 50%

SOURCE LAYOUT SKETCH



Observation Date: 12-28-12				Start Time: 1715	End Time: 1745

Sec / Min	0	15	30	45	Comments
1		0			NOT BURNING WOOD AT THIS TIME FLAME + SPARKS OVER THE TOP.
2		0			
3		0			
4		0			
5		0			
6		0			
7		0			NO WOOD BURNING going on
8		0			
9		0			
10		0			
11		0			
12		0			
13		0			
14		0			
15		0			
16		0			
17		0			
18		0			
19		0			
20		0			
21		0			
22		0			
23		0			
24		0			
25		0			
26		0			
27		0			
28		0			
29		0			
30		0			

Observer's Name (Print): BENNY BRUNO	
Observer's Signature: BB	Date: 12-28-12
Organization: DEP NYC	
Certified by: PEROMETER INC NYS	Date: 10-4-12
Continue on reverse side	

Additional Information: GENERATOR LIGHTS PUT ON —

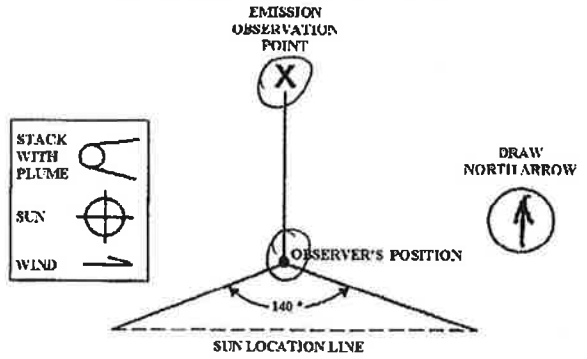
To G.K. —

Page 4

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: ROOFING GREY SMOKE E/B		
Height of Emission Point: 10 FT	Height Relative to Observer: Start 8 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 ROOFING 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 TREE BRANCHES		
Describe Plume Background: Start RED CONTAINER End		
Background Color: Start BUSH GREEN End	Sky Condition: Start CLEAR End	
Wind Speed: Start 12 MPH End	Wind Direction: Start 310 NW End	
Ambient Temp: Start 31 End	Wet Bulb Temp	RH Percent: 71%

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
10-28-12	8:60 AM	9:45

Min \ Sec	0	15	30	45	Comments
1		35			START UP 8:45
2		35			
3		35			
4		20			
5		15			
6		15			
7		20			
8		20			
9		20			
10		25			
11		25			
12		25			
13		30			
14		30			
15		20			
16		50			ECC NOTIFIED -
17		50			
18		50			
19		40			
20		40			
21		45			
22		45			
23		45			
24		50			
25		50			
26		50			
27		55			
28		60			
29		80			
30		100			

Observer's Name (Print): BENNY BRUNO	
Observer's Signature: [signature]	Date: 12/28/12
Organization: NYC - DEP.	
Certified by: AEROMET-ENG-INC. NYS.	Date: 10-4-12
Continue on reverse side	

Additional Information: MULCH BEING LOADED IN CONTAINER TRUCKS + CARTED AWAY
ACLP BOX 140 - BURNER NOT AT OPERATING RANGE OF 1800 °F

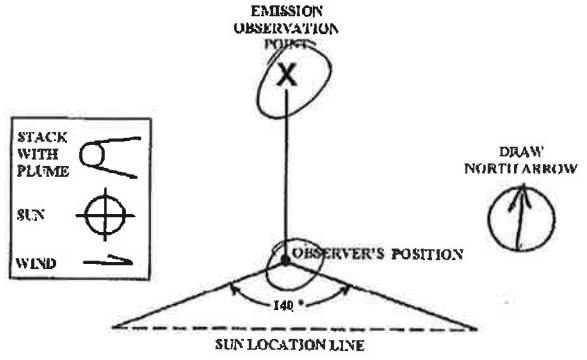
575 - 3627
To GK.

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 HEATER		Operating Mode: ON
Describe Emission Point: ROOFING GREY SMOKE EAST BOUND		
Height of Emission Point: 10 TO 12 FT	Height Relative to Observer: Start 8 FT End	
Distance to Emission Point: Start 200 FT End	Direction to Emission Point: Start NO12TH End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point: Start NORTH End	
Describe Emissions: Start ROLLING 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 AT 300E TREE BRANCHES End		
Describe Plume Background: Start RED CONTAINER End		
Background Color: Start BLUISH GREY End	Sky Condition: Start CLEAR End	
Wind Speed: Start 12MPH End	Wind Direction: Start 310 NW End	
Ambient Temp: Start 31° End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date: 12-28-12	Start Time: 8:45	End Time: 9:15

Min \ Sec	0	15	30	45	Comments
1		30			STARTUP BLOWERS
2		35			NOT ON AT FULL SPEED
3		35			
4		40			
5		40			
6		50			
7		50			
8		50			
9		50			MIKE ECC
10		100			ECC NOTIFIED
11		80			TREE BRANCHES
12		80			ARE WET
13		75			WORKING TO BRING
14		75			OPACITY DOWN
15		60			SMOKE READINGS
16		65			ARE HIGH AT
17		70			THIS TIME
18		75			*SMOKE ROLLING
19		60			TOWARDS ROCKAWAYS
20		60			
21		60			WHEN WOOD
22		65			LOADED AT
23		50			100% OPACITY
24		45			
25		45			ECC ACKNOWLEDGED
26		50			HIGH READINGS -
27		80			
28		80			
29		35			
30		100			

Observer's Name (Print): BENNY BRUNO	
Observer's Signature	Date: 12-28-12
Organization: NYC DEP	
Certified by: AERO METEng INC NYS	Date: 10-4-12
Continue on reverse side	

Additional Information: ACCEPT AT 140°

BURNER NOT AT OPERATING RANGE OF 1800°F

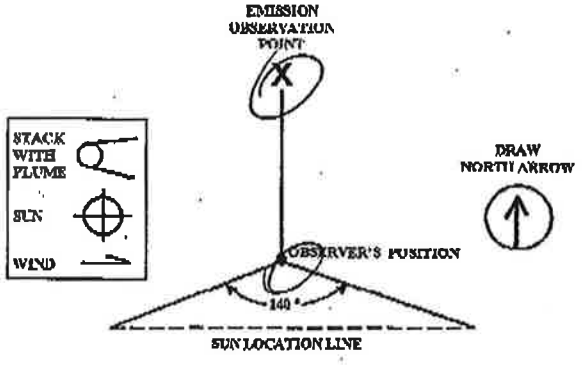
To GK.

Pg 3

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:
Describe Emission Point: Rolling Grey Smoke		
Height of Emission Point: 10-12 FT	Height Relative to Observer: Start 0 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 Rolling 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 TREE WOOD End		
Describe Plume Background: Start BLUSH GREY End		
Background Color: Start BLUE End	Sky Condition: Start CLEAR End	
Wind Speed: Start 12 mph End	Wind Direction: Start 310 NW End	
Ambient Temp: Start 34° End	Wet Bulb Temp:	RH Percent: 71%

SOURCE LAYOUT SKETCH



Additional Information: ACCP BY 140 + 1H

Observation Date	Start Time	End Time
12-28-12	9:15	9:45

Min \ Sec	0	15	30	45	Comments
1		50			BURNER NOT
2		50			AT FULL HEAT
3		50			RANGE OF 1800°
4		50			WOOD VERY
5		50			WET-
6		45			
7		55			
8		55			
9		60			
10		85			
11		85			
12		85			
13		80			
14		80			
15		100			
16		40			- NOT BURNING WOOD
17		50			
18		40			BURNING WOOD
19		35			
20		35			
21		35			
22		35			
23		40			
24		40			
25		35			
26		35			
27		35			
28		35			
29		40			
30		20			

Observer's Name (Print): BENNY BRUNO	
Observer's Signature: [signature]	Date: 12-28-12
Organization: DEP NYC	
Certified by: AERO MET ENG INC NYS	Date: 10-4-12

Continue on reverse side

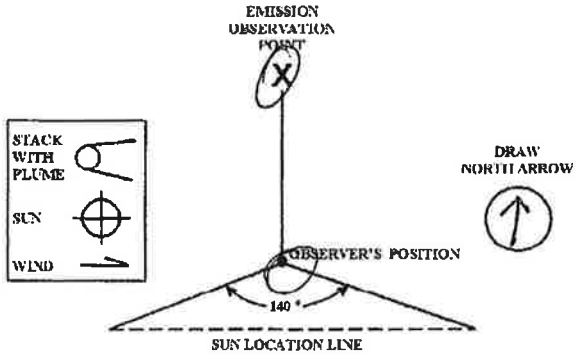
To GK

Pg 4

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FLOY D BENNETT FIELD		
City: BK	State: NY	Zip:
Process Equipment		Operating Mode
Control Equipment: WATER CURTAIN HEATER		Operating Mode: OP
Describe Emission Point: ROOFING GREY SMOKE		
Height of Emission Point: 10 TO 12 FT	Height Relative to Observer: Start 3FT 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 ROOFING 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 TREE End BRANCHES		
Describe Plume Background: Start RED & BLUE CONTAINERS End		
Background Color: Start BUSH End GREY	Sky Condition: Start CLEAR End	
Wind Speed: Start 12MPH End	Wind Direction: Start 310 NW End	
Ambient Temp: Start 34° End	Wet Bulb Temp	RH Percent: 71%

SOURCE LAYOUT SKETCH



Additional Information
ACCP BY 140
BURNER ONLY AT 780°F

AT THE TIME OF READINGS

Observation Date	Start Time	End Time
12-28-12	945	1045 AM

Min \ Sec	0	15	30	45	Comments
1		15			(NO WOOD BURNING)
2		50			WOOD BURNING
3		50			780° —
4		40			ECC NOTIFIED *
5		40			ROOFING GREY SMOKE
6		35			CONDITION
7		25			NO WOOD BURNING
8		25			
9		20			
10		20			
11		20			
12		20			
13		15			
14		10			
15		10			
16		10			
17		10			
18		10			
19		10			
20		5			
21		5			
22		5			
23		5			
24		5			
25		5			
26		5			
27		5			
28		5			
29		5			
30		5			

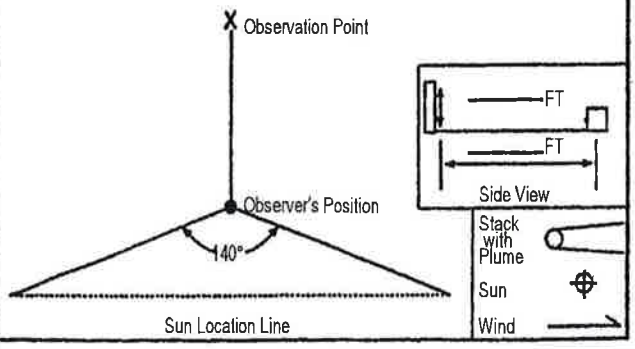
Observer's Name (Print): BENNY BRYAN	
Observer's Signature	Date: 12-28-12
Organization: NYC DEP	
Certified by: NYS AEROMET	Date: 10-4-12
Continue on reverse side	

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

COMPANY NAME: DEP		
LOCATION: Floyd Bennett Field		
LOCATION: 50 Aviation Rd		
CITY: BKlyn	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: START / END	DIRECTION TO EMISSION PT. (DEGREES (0-360)): START / END	
VERTICAL ANGLE TO OBSERVATION POINT: START / END	DIRECTION TO OBSERVATION POINT (DEGREES (0-360)): START / END	
DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT: START / END		
DESCRIBE EMISSIONS: START / END		
EMISSION COLOR: START / END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐	
DESCRIBE PLUME BACKGROUND: START / END		
BACKGROUND COLOR: START / END	SKY CONDITIONS: START / END	
WIND SPEED: START / END	WIND DIRECTION: START / END	
AMBIENT TEMP: START / END	WET BULB TEMP / RH percent	

Source Layout Sketch

Draw North Arrow ☐TN ☐MN



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
12-28-12	2000	2030

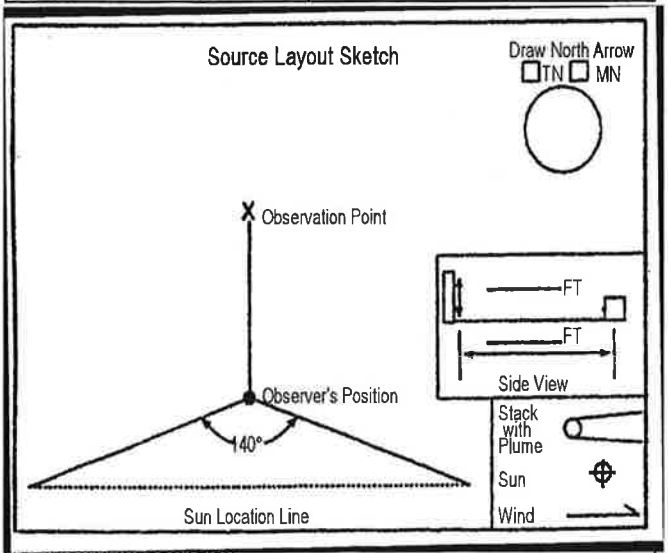
SEC / MIN	0	15	30	45	COMMENTS
1	10	10	10	10	
2	10	5	5	5	
3	15	15	10	10	
4	5	5	5	5	
5	5	5	5	5	
6	10	10	5	5	
7	10	10	10	10	
8	10	5	5	5	
9	10	10	10	10	
10	10	10	10	10	
11	10	5	10	10	
12	10	5	5	5	
13	10	10	10	10	
14	10	10	10	10	
15	15	15	15	10	
16	10	10	5	5	
17	5	5	5	5	
18	5	5	5	5	
19	10	10	10	10	
20	15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

OBSERVER'S NAME (PRINT): James Musto	
OBSERVER'S SIGNATURE: Jas Musto	DATE: 12-28-12
ORGANIZATION	
CERTIFIED BY	DATE

R#5024
1-3-13

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

COMPANY NAME: Dep		
LOCATION: Floyd Bennett field		
LOCATION: 50 Aviation Rd		
CITY: BKlyn	STATE: NY	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: START / END	DIRECTION TO EMISSION PT. (DEGREES (0-360)): START / END	
VERTICAL ANGLE TO OBSERVATION POINT: START / END	DIRECTION TO OBSERVATION POINT (DEGREES (0-360)): START / END	
DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT: START / END		
DESCRIBE EMISSIONS: START / END		
EMISSION COLOR: START / END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐	
DESCRIBE PLUME BACKGROUND: START / END		
BACKGROUND COLOR: START / END	SKY CONDITIONS: START / END	
WIND SPEED: START / END	WIND DIRECTION: START / END	
AMBIENT TEMP: START / END	WET BULB TEMP	RH percent



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
12-28-12	2030	2100

SEC / MIN	0	15	30	45	COMMENTS
1	10	10	10	10	
2	10	10	10	10	
3	10	10	10	10	
4	15	15	15	15	
5	10	10	10	10	
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	
11	10	10	10	10	
12	10	10	10	10	
13	15	15	15	15	
14	10	10	10	10	
15	10	10	10	10	
16	10	10	10	10	
17	10	10	10	10	
18	10	10	10	10	
19	15	15	15	15	
20	15	15	15	15	
21	15	15	15	15	
22	10	10	10	10	
23	5	5	5	5	
24	5	5	5	5	
25	5	5	5	5	
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): James Musto	
OBSERVER'S SIGNATURE: Jas Musto	DATE: 12-28-12
ORGANIZATION	
CERTIFIED BY	DATE

VISIBLE EMISSION OBSERVATION FORM

No.

COMPANY NAME	Dep
STREET ADDRESS	Floyd Bennett field
	50 Aviation Rd
CITY	BKlyn
STATE	ny
ZIP	11234
PHONE (KEY CONTACT)	
SOURCE ID NUMBER	

PROCESS EQUIPMENT	OPERATING MODE
CONTROL EQUIPMENT	OPERATING MODE

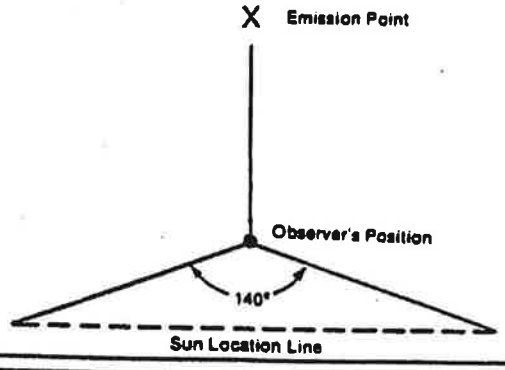
DESCRIBE EMISSION POINT	
HEIGHT ABOVE GROUND LEVEL	HEIGHT RELATIVE TO OBSERVER Start End
DISTANCE FROM OBSERVER Start End	DIRECTION FROM OBSERVER Start End

DESCRIBE EMISSIONS Start	End
EMISSION COLOR Start End	IF WATER DROPLET PLUME Attached ☐ Detached ☐
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED Start	End

DESCRIBE PLUME BACKGROUND Start	End	
BACKGROUND COLOR Start End	SKY CONDITIONS Start End	
WIND SPEED Start End	WIND DIRECTION Start End	
AMBIENT TEMP Start End	WET BULB TEMP	RH, percent

Stack with Plume
Sun
Wind

SOURCE LAYOUT SKETCH — Draw North Arrow



ADDITIONAL INFORMATION

OBSERVATION DATE: 12-28-12 START TIME: 2100 END TIME: 2130

SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	
2	5	5	5	5	
3	5	5	5	5	
4	10	10	10	10	
5	10	10	10	10	
6	15	15	15	15	
7	15	15	15	15	
8	15	15	10	10	
9	15	15	10	10	
10	10	10	10	10	
11	10	10	10	10	
12	10	10	10	10	
13	10	10	10	10	
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	10	10	10	10	
22	10	10	10	10	
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	10	10	10	10	
29	10	10	10	10	
30	10	10	10	10	

OBSERVER'S NAME (PRINT)	James Musto
OBSERVER'S SIGNATURE	James Musto
DATE	12-28-12
ORGANIZATION	
CERTIFIED BY	
DATE	
CONTINUED ON VEO FORM NUMBER	

VISIBLE EMISSION OBSERVATION FORM

No.

COMPANY NAME	Dep
STREET ADDRESS	50 Aviation Rd
	Floyd Bennett field
CITY	BKlyn
STATE	ny
ZIP	11234
PHONE (KEY CONTACT)	
SOURCE ID NUMBER	

PROCESS EQUIPMENT	OPERATING MODE
CONTROL EQUIPMENT	OPERATING MODE

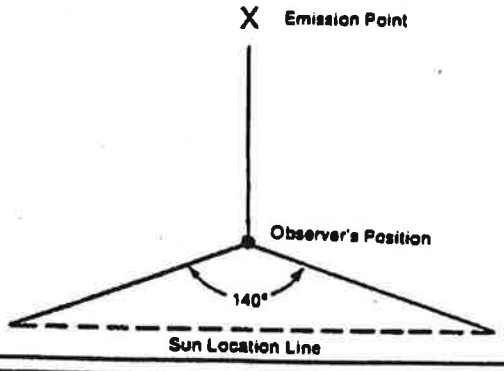
DESCRIBE EMISSION POINT	
HEIGHT ABOVE GROUND LEVEL	HEIGHT RELATIVE TO OBSERVER Start End
DISTANCE FROM OBSERVER Start End	DIRECTION FROM OBSERVER Start End

DESCRIBE EMISSIONS Start	End
EMISSION COLOR Start End	IF WATER DROPLET PLUME Attached ☐ Detached ☐
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED Start	End

DESCRIBE PLUME BACKGROUND Start	End	
BACKGROUND COLOR Start End	SKY CONDITIONS Start End	
WIND SPEED Start End	WIND DIRECTION Start End	
AMBIENT TEMP Start End	WET BULB TEMP	RH, percent

Stack with Plume
Sun
Wind

SOURCE LAYOUT SKETCH — Draw North Arrow



ADDITIONAL INFORMATION

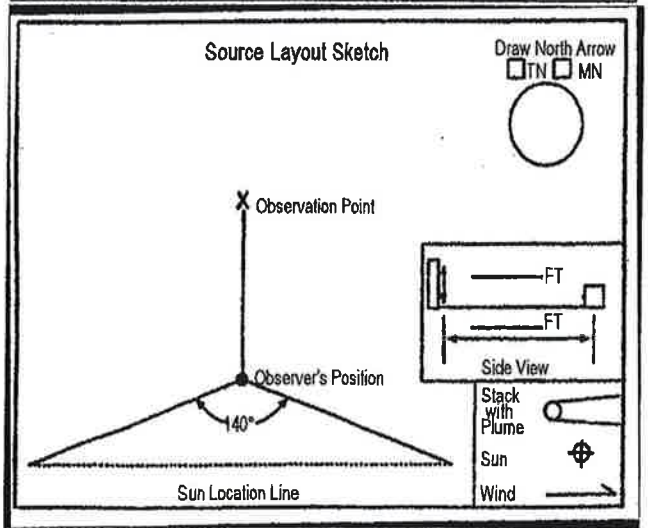
OBSERVATION DATE	START TIME	END TIME

SEC / MIN	0	15	30	45	COMMENTS
1	10	10	10	10	
2	10	10	10	10	
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	
6	10	10	10	10	
7	15	15	15	15	
8	15	15	15	15	
9	15	15	15	15	
10	10	10	10	10	
11	10	10	10	10	
12	10	10	10	10	
13	5	5	5	5	
14	5	5	5	5	
15	5	5	5	5	
16	10	10	10	10	
17	10	10	10	10	
18	10	10	10	10	
19	10	10	10	5	
20	5	5	5	10	
21	10	15	15	15	
22	10	10	10	10	
23	5	5	5	5	
24	5	5	5	5	
25	5	5	5	5	
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)	James Musto
OBSERVER'S SIGNATURE	DATE 12-28-12
ORGANIZATION	
CERTIFIED BY	DATE
CONTINUED ON VEO FORM NUMBER	

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

COMPANY NAME	Dep
LOCATION	Floyd Bennett field
LOCATION	50 Aviation Rd
CITY	BKlyn
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 (START / END)	
DIRECTION TO EMISSION PT. (DEGREES (0-360)) (START / END)	
VERTICAL ANGLE TO OBSERVATION POINT (START / END)	
DIRECTION TO OBSERVATION POINT (DEGREES (0-360)) (START / END)	
DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT (START / END)	
DESCRIBE EMISSIONS (START / END)	
EMISSION COLOR (START / END)	
WATER DROPLET PLUME (ATTACHED ☐ DETACHED ☐ NONE ☐)	
DESCRIBE PLUME BACKGROUND (START / END)	
BACKGROUND COLOR (START / END)	
SKY CONDITIONS (START / END)	
WIND SPEED (START / END)	
WIND DIRECTION (START / END)	
AMBIENT TEMP (START / END)	
WET BULB TEMP / RH percent	



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
12-28-12	2000	2030

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

OBSERVER'S NAME (PRINT)	James Musto
OBSERVER'S SIGNATURE	Jos Musto
DATE	12-28-12
ORGANIZATION	
CERTIFIED BY	
DATE	

R#024
1-3-13

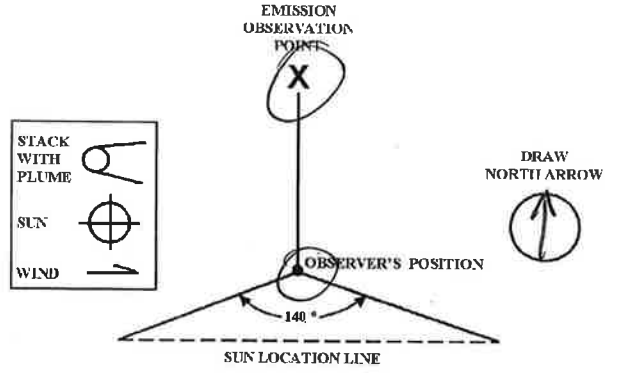
595 - 3627
To GK.

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 HEATER		**Operating Mode** ON
Describe Emission Point ROOFING GREY SMOKE EAST BOUND		
Height of Emission Point 10 TO 12 FT	**Height Relative to Observer** Start 3 FT End	
Distance to Emission Point Start 200 FT End	**Direction to Emission Point** Start NO12TH End	
Vertical Angle to Observation Pt. Start End	**Direction to Observation Point** Start NORTH End	
Describe Emissions Start ROOFING 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 TREE BRANCHES		
Describe Plume Background Start RED CONTAINER End		
Background Color Start BLUISH End GREY	**Sky Condition** Start CLEAR End	
Wind Speed Start 12 MPH End	**Wind Direction** Start 310 NW End	
Ambient Temp Start 31° End	**Wet Bulb Temp**	**RH Percent** 70

SOURCE LAYOUT SKETCH



Additional Information ACCEPT AT 140°	
BURNER NOT AT OPERATING RANGE OF 1800°F	

Observation Date 12-28-12	**Start Time** 8:45	**End Time** 9:15

Sec / Min	0	15	30	45	Comments
1	30	30	30	20	STARTUP BLOWERS
2	35	35	30	20	NOT ON AT FULL SPEED
3	35	35	30	20	
4	40	40	40	35	
5	40	40	30	20	
6	50	50	50	45	
7	50	50	50	45	
8	50	50	50	40	
9	50	50	35	30	MIKE ECC
10	100	100	85	60	ECC NOTIFIED
11	80	80	60	50	TREE BRANCHES
12	80	80	55	40	ARE WET
13	75	75	55	45	WORKING TO BRING
14	75	75	50	40	OPACITY DOWN
15	65	65	35	30	SMOKE READINGS
16	65	65	35	30	ARE HIGH AT
17	70	70	40	30	THIS TIME
18	75	75	35	30	SMOKE ROLLING
19	60	60	40	30	TOWARDS ROCKAWAYS
20	60	60	40	30	
21	60	60	40	30	VIEWS WOOD
22	65	65	55	50	LOADED AT
23	50	50	50	40	100% OPACITY
24	45	45	45	30	
25	45	45	40	35	ECC ACKNOWLEDGED
26	50	50	40	35	HIGH READINGS
27	80	80	40	35	
28	80	80	35	25	
29	30	35	25	20	
30	100	100	50	45	

Observer's Name (Print) BENNY BRUNO	
Observer's Signature	**Date** 12-28-12
Organization NYC DEP	
Certified by AERO METEng INC NYS	**Date** 10-4-12
Continue on reverse side	

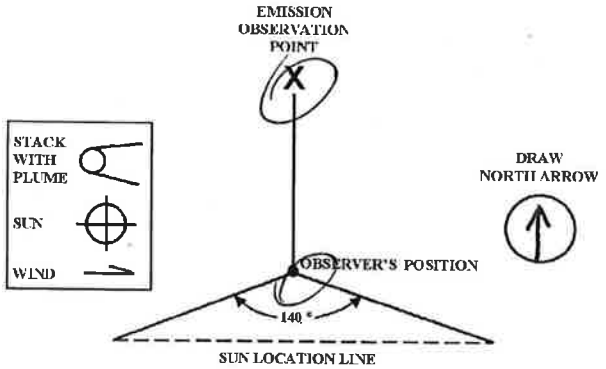
To GK.

Pg 3

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	
Describe Emission Point	ROLLING GREY SMOKE
Height of Emission Point	10-12 FT
Height Relative to Observer	Start 8 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 ROLLING 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 TREE WOOD End
Describe Plume Background	Start BLOOD GREY End
Background Color	Start BLUE End
Sky Condition	Start CLEAR End
Wind Speed	Start 12mph End
Wind Direction	Start 310 NW End
Ambient Temp	Start 34° End
Wet Bulb Temp	
RH Percent	71%

SOURCE LAYOUT SKETCH



Additional Information: ACCP BY 140 x 114

Observation Date	Start Time	End Time
12-28-12	9:15	9:45

Min \ Sec	0	15	30	45	Comments
1	50	50	50	45	BURNER NOT
2	50	50	40	35	AT FULL HEAT
3	50	50	45	30	RANGE OF 1800°
4	50	50	35	25	WOOD VERY
5	50	50	45	40	WET-
6	45	45	40	30	
7	55	55	35	35	
8	55	55	40	30	
9	60	60	50	45	
10	65	65	50	40	
11	85	85	60	50	
12	85	85	60	50	
13	80	80	50	45	
14	80	80	50	45	
15	100	100	80	75	
16	40	40	30	25	NOT BURNING WOOD
17	50	50	40	30	
18	40	40	30	30	BURNING WOOD
19	35	35	20	15	
20	35	35	20	15	
21	35	35	20	15	
22	35	35	20	15	
23	40	40	30	20	
24	40	40	30	20	
25	35	35	25	15	
26	35	35	25	20	
27	35	35	25	20	
28	35	35	20	15	
29	40	40	35	25	
30	20	20	30	25	

Observer's Name (Print)	BENNY BRUNO
Observer's Signature	[signature]
Date	12-28-12
Organization	DEP NYC
Certified by	AERO MET ENG INC NYS
Date	10-4-12

Continue on reverse side

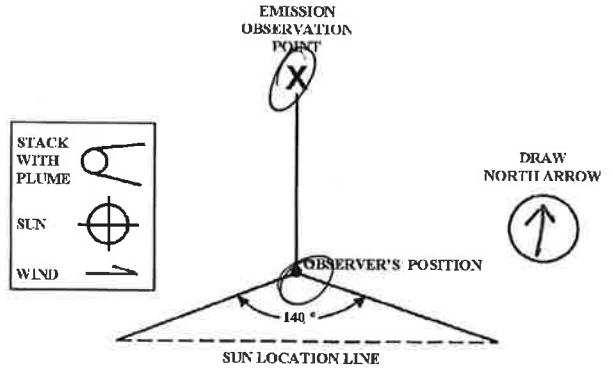
To GK

Pg 4

VISIBLE EMISSION OBSERVATION FORM

Company Name ECC		
Location FLOY D BENNETT FIELD		
City BK	**State** NY	**Zip**
Process Equipment		**Operating Mode**
Control Equipment PORTABLE CURTAIN HEATER		**Operating Mode** OD
Describe Emission Point ROOFING GREY SMOKE		
Height of Emission Point 10 TO 12 FT	**Height Relative to Observer** Start 3FT 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 ROOFING 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 TREE End BRANCHES		
Describe Plume Background Start RED & BLUE CONTAINERS End		
Background Color Start BLUISH End GREY	**Sky Condition** Start CLEAR End	
Wind Speed Start 12MPH End	**Wind Direction** Start 310 NW End	
Ambient Temp Start 34° End	**Wet Bulb Temp**	**RH Percent** 71%

SOURCE LAYOUT SKETCH



Additional Information ACFM BY 140

BURNER ONLY AT 780°F

AT THIS TIME OF READINGS

Observation Date 12-28-12	**Start Time** 945	**End Time** 1015 AM

Sec / Min	0	15	30	45	Comments
1	15	15	15	10	(NO WOOD BURNING)
2	50	50	40	20	WOOD BURNING
3	50	50	30	20	>780° —
4	40	40	30	20	ECC NOTIFIED *
5	40	40	30	15	WORKING ON SMOKE
6	25	35	30	25	CONDITION
7	25	25	25	30	NO WOOD BURNING
8	25	25	20	15	
9	20	20	15	10	
10	20	20	15	10	
11	20	20	15	10	
12	20	20	15	10	
13	15	15	10	5	
14	10	10	10	5	
15	10	10	10	5	
16	10	10	10	5	
17	10	10	10	5	
18	10	10	10	5	
19	10	10	10	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** 12-28-12
Organization NYC DEP	
Certified by NYS AEROMET	**Date** 10-4-12

Continue on reverse side

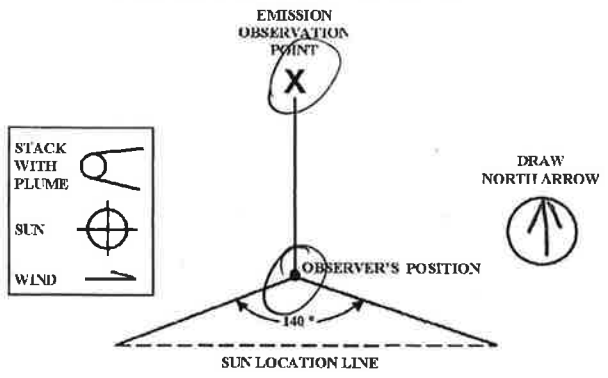
To GK.

Pg 5

VISIBLE EMISSION OBSERVATION FORM

Company Name	ECC
Location	FLOYD BENNETT FIELD
City	BK
State	NY
Zip	
Process Equipment	
Operating Mode	
Control Equipment	A.R. CURTAIN HEATER
Operating Mode	ON
Describe Emission Point	NONE AT THIS TIME
Height of Emission Point	10 TO 12 FT
Height Relative to Observer	Start 8 FT End
Distance to Emission Point	Start 200 FT End
Direction to Emission Point	Start NORTH End
Vertical Angle to Observation Pt.	Start 60° End
Direction to Observation Point	Start NORTH End
Describe Emissions	Start NONE 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 ABOVE BURNER End
Describe Plume Background	Start RED CONTAINER + SKY End
Background Color	Start RED + BLUE End
Sky Condition	Start CLEAR End
Wind Speed	Start 19 MPH End
Wind Direction	Start N WEST End
Ambient Temp	Start 35° End
Wet Bulb Temp	
RH Percent	54 %

SOURCE LAYOUT SKETCH



Additional Information: ACCP BY 140 + 114

Observation Date	Start Time	End Time
12-28-12	11 45	12:15 PM

Min \ Sec	0	15	30	45	Comments
1	10	10	10	5	RESUME BURNING
2	10	10	10	5	
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	
6	0	0	0	0	
7	0	0	0	0	NO WOOD BURNING
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	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	10	10	5	5	WOOD BURNING
29	15	15	10	5	
30	15	15	10	5	

Observer's Name (Print)	BENNY BRUNO
Observer's Signature	[signature]
Date	12-28-12
Organization	NYC DEP
Certified by	AERO MET ENG INC NYS
Date	10-4-12

Continue on reverse side

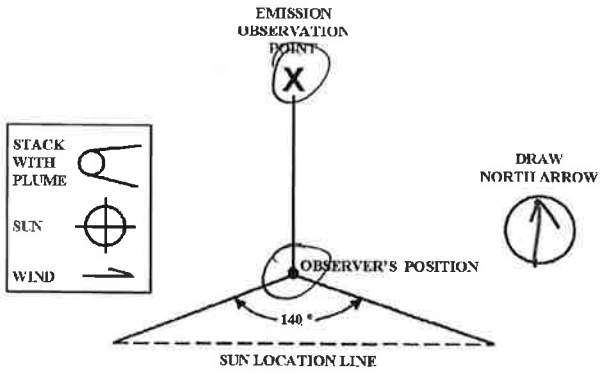
To GK

pg 6

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** OW
Describe Emission Point BLUE GREY SMOKE		
Height of Emission Point 10 TO 12 FT	**Height Relative to Observer** Start 3 TO 10 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 BLUE 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 + End BLUE	**Sky Condition** Start CLEAR End	
Wind Speed Start 14 MPH End	**Wind Direction** Start W WEST End	
Ambient Temp Start 38° End	**Wet Bulb Temp**	**RH Percent** 54%

SOURCE LAYOUT SKETCH



Additional Information ACCEPTABLY 140 + 114

Observation Date	Start Time	End Time
12-28-12	1215	1245

Sec / Min	0	15	30	45	Comments
1	10	15	10	5	WOOD BURNING
2	10	10	10	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	0	0	0	0	
11	0	0	0	0	
12	0	0	0	0	
13	10	10	5	5	
14	10	10	5	5	
15	5	5	5	5	
16	10	10	10	5	
17	10	15	10	5	
18	10	10	5	5	
19	10	10	5	5	
20	0	0	0	0	NO WOOD BURNING
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
24	0	0	0	0	
25	0	0	0	0	
26	5	5	5	5	WOOD BURNING
27	5	5	5	5	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

Observer's Name (Print) BENNY BRUNO	
Observer's Signature	**Date** 12-28-12
Organization NYC DEP	
Certified by NYS AEROMET INC	**Date** 10-4-12

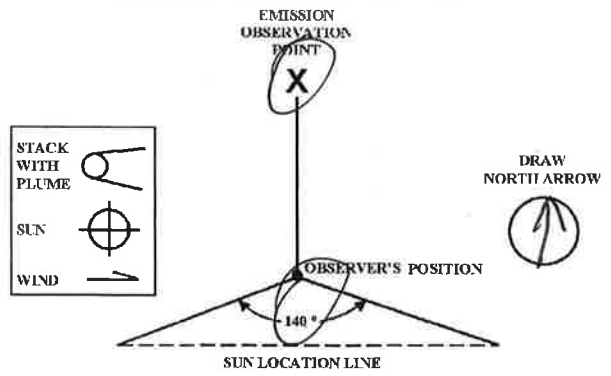
Continue on reverse side

To GK. P97

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FLOYD BENNETT FIELD		
City: BK	State: NY	Zip:
Process Equipment:		Operating Mode:
Control Equipment: AIR HEATER -		Operating Mode: BW
Describe Emission Point: BLUE GRAY SMOKE		
Height of Emission Point: 10 TO 12 FT	Height Relative to Observer: Start 8 TO 10 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 WHITE 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 AFTERMOST BURNER End		
Describe Plume Background: Start RED & BLUE CONTAINERS End		
Background Color: Start RED & BLUE End	Sky Condition: Start CLEAR End	
Wind Speed: Start 14 MPH End	Wind Direction: Start NWEST End	
Ambient Temp: Start 35° End	Wet Bulb Temp:	RH Percent: 54%

SOURCE LAYOUT SKETCH



Additional Information: ACCP BY 114 + 140

Observation Date	Start Time	End Time
12-28-12	1210	1315

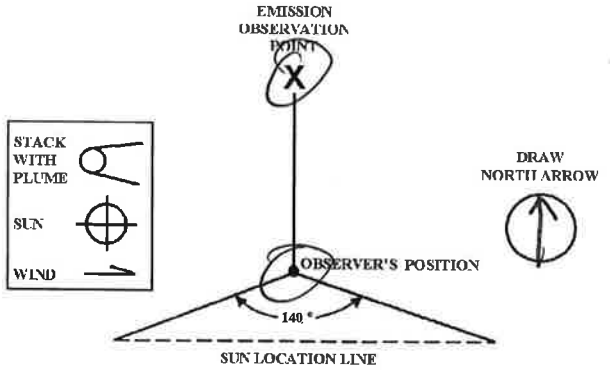
Sec / Min	0	15	30	45	Comments
1	0	0	0	0	WOOD BURNING
2	5	5	5		
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	5	5	5	5	
7	0	0	0	0	
8	5	5	5	5	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
12	0	0	0	0	
13	5	5	0	0	
14	0	0	0	0	
15	5	5	5	5	
16	0	0	0	0	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22	0	0	0	0	
23	0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

Observer's Name (Print): BENNY BRUNO	
Observer's Signature:	Date: 12-28-12
Organization: DEP NYC 109	
Certified by: AEROMET INC NYS	Date: 10-4-12
Continue on reverse side	

VISIBLE EMISSION OBSERVATION FORM

Company Name ECC			
Location Floyd Bennett Fields			
City Bk	**State** NY	**Zip**	
Process Equipment		**Operating Mode**	
Control Equipment Air Curtain Hood		**Operating Mode** ON	
Describe Emission Point Blue Grey Smoke			
Height of Emission Point 10 To 12 FT	**Height Relative to Observer** Start 8 To 10 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 White 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 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 14 MPH End	**Wind Direction** Start N West End		
Ambient Temp Start 35° End	**Wet Bulb Temp**	**RH Percent** 54%	

SOURCE LAYOUT SKETCH



Additional Information Accp 114 + 109

Observation Date 12-28-12	**Start Time** 1315	**End Time** 1345

Sec / Min	0	15	30	45	Comments
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	10	0	0	0	
7	10	10	10	5	
8	15	15	10	5	
9	25	25	10	5	
10	5	5	5	5	
11	20	20	10	5	
12	5	5	5	5	
13	5	5	5	5	
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	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

Observer's Name (Print) Alferid Ghobryal	
Observer's Signature	**Date** 12-28-12
Organization DEP NY	
Certified by Aero Met INC NY	**Date** 12-28-12

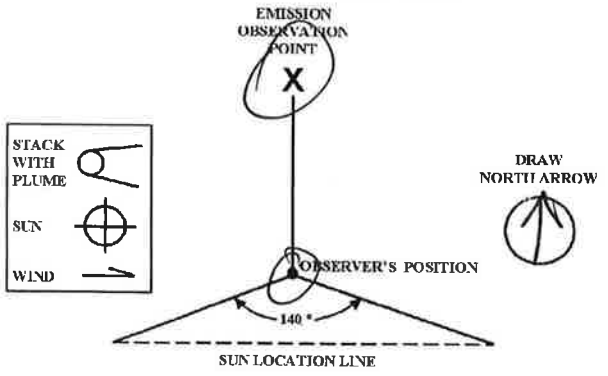
Continue on reverse side

#9

VISIBLE EMISSION OBSERVATION FORM

Company Name ECL		
Location FLOYD BENNETT FIELD		
City BK	**State** NY	**Zip**
Process Equipment		**Operating Mode**
Control Equipment AIR CURTAIN HEATER		**Operating Mode** ON
Describe Emission Point BLUE GREY SMOKE		
Height of Emission Point 10 TO 12 FT	**Height Relative to Observer** Start 8 TO 10 FT End	
Distance to Emission Point Start GREY SMOKE WHITE 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 RED+BLUE CONTAINER 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+ End BLUE	**Sky Condition** Start CLEAR End	
Wind Speed Start 14MPH End	**Wind Direction** Start N.WEST End	
Ambient Temp Start 35° End	**Wet Bulb Temp**	**RH Percent** 54%

SOURCE LAYOUT SKETCH



Additional Information ACCP 114-109

Observation Date	Start Time	End Time
12-28-12	1345	1415

Sec / Min	0	15	30	45	Comments
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	20	20	10	5	
10	15	15	10	5	
11	10	10	5	5	
12	20	20	15	5	
13	30	30	20	10	
14	35	35	30	10	
15	25	25	20	10	
16	30	30	25	15	
17	20	20	10	10	
18	15	15	10	5	
19	10	10	10	5	
20	10	10	10	5	
21	5	5	5	5	
22	5	5	5	5	
23	15	15	10	5	
24	10	10	5	5	
25	10	10	5	5	
26	5	5	5	5	
27	5	5	5	5	
28	5	5	5	5	
29	0	0	0	0	
30	0	0	0	0	

Observer's Name (Print) Alfred Ghobryal

Observer's Signature alfred Ghobryal **Date** 12-28-12

Organization DEP NY

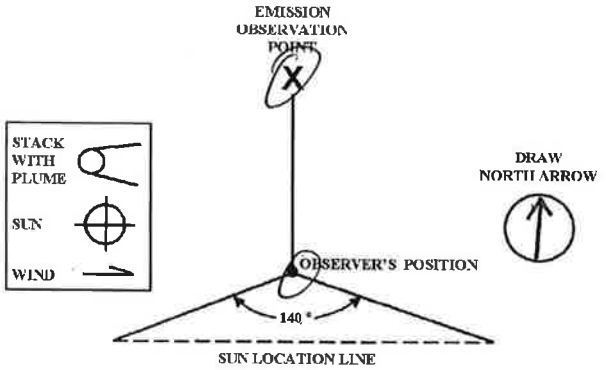
Certified by AERO Met INC NYS **Date** 12-28-12

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 BLUE GREY SMOKE AIR CURTAIN HEATER		
Height of Emission Point 10 TO 12 FT	**Height Relative to Observer** Start 2 TO 10 End FT	
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/WHITE 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 BORNER End		
Describe Plume Background Start RED/BLUE CONTAINERS End		
Background Color Start RED/BLUE End	**Sky Condition** Start CLEAR End	
Wind Speed Start 14 MPH End	**Wind Direction** Start W WEST End	
Ambient Temp Start 38° End	**Wet Bulb Temp**	**RH Percent** 52%

SOURCE LAYOUT SKETCH



Additional Information ACCP BY 114-140

Observation Date 12-28-12	**Start Time** 1415 PM	**End Time** 1445 PM

Sec / Min	0	15	30	45	Comments
1	0	0	0	0	
2	0	0	0	0	
3	10	10	5	5	
4	15	15	10	5	
5	20	25	10	5	
6	20	20	15	10	
7	10	10	5	5	
8	10	10	5	5	
9	10	10	5	5	
10	5	5	5	5	
11	5	5	5	5	
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	10	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	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

Observer's Name (Print) JENNY BROWN	
Observer's Signature	**Date** 12-28-12
Organization DEP NYC ENFORCEMENT	
Certified by AEROMET INC NYS	**Date** 10-4-12

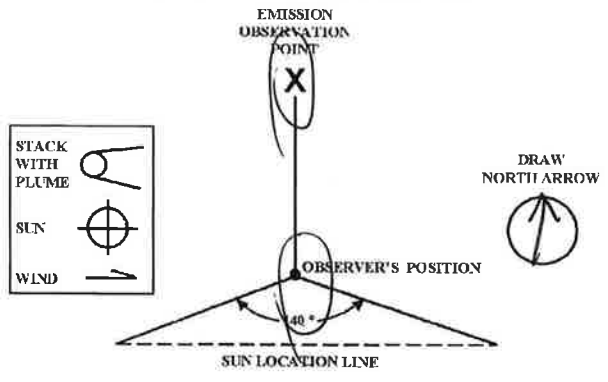
Continue on reverse side

Pg 11

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 WHITE SMOKE		
Height of Emission Point 10 TO 12 FT	**Height Relative to Observer** Start 9 TO 10 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 WHITE 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 15 MPH End	**Wind Direction** Start NORTH WEST End	
Ambient Temp Start 35° End	**Wet Bulb Temp** 27	**RH Percent** 54%

SOURCE LAYOUT SKETCH



Additional Information ACP BY 11-1-140

Observation Date	Start Time	End Time
12-28-12	1445	1515

Sec / Min	0	15	30	45	Comments
1	15	15	10	5	
2	10	10	5	5	
3	10	10	5	5	
4	5	5	5	5	
5	5	5	5	5	
6	5	5	5	5	
7	10	10	5	5	
8	10	10	5	5	
9	10	10	5	5	
10	10	10	10	5	
11	10	10	10	5	
12	5	5	5	5	
13	5	5	5	5	
14	10	10	5	5	
15 *	20	20	10	5	
16	15	15	10	5	
17	20	20	10	5	
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	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
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 [signature] **Date** 12-28-12

Organization DEP NYC

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

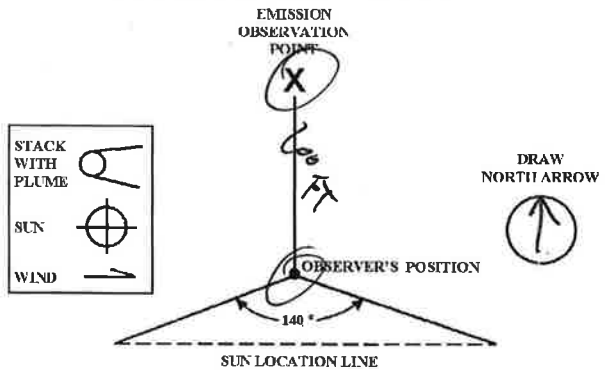
Continue on reverse side

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 HEATER -
Operating Mode	ON
Describe Emission Point	BLUE GREY SMOKE
Height of Emission Point	10 TO 12 FT
Height Relative to Observer	Start 8 TO 10 End FT
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 WHITE SMOKE End
Emission Color	Start GREY TO WHITE 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 BOX End
Background Color	Start RED + BLUE End
Sky Condition	Start CLEAR End
Wind Speed	Start 14 MPH End
Wind Direction	Start N. WEST End
Ambient Temp	Start 35° End
Wet Bulb Temp	
RH Percent	54%

SOURCE LAYOUT SKETCH



Additional Information: ACCP BY 140 + 114

Observation Date	Start Time	End Time
12-28-12	1515	1545

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	Wood Burning
2	0	0	0	0	
3	0	0	0	0	
4	5	5	5	5	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	10	10	10	10	
10	15	15	10	5	
11	10	10	10	5	
12	15	15	10	5	
13	20	20	10	5	
14	15	15	10	5	
15	10	10	10	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	5	
21	10	10	10	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	8	
27	10	10	10	5	
28	5	5	5	5	
29	5	5	5	5	
30	0	0	0	0	

Observer's Name (Print)	[illegible]
Observer's Signature	[illegible]
Date	12-28-12
Organization	DEP NYC
Certified by	AERO MET INC
Date	10-4-12

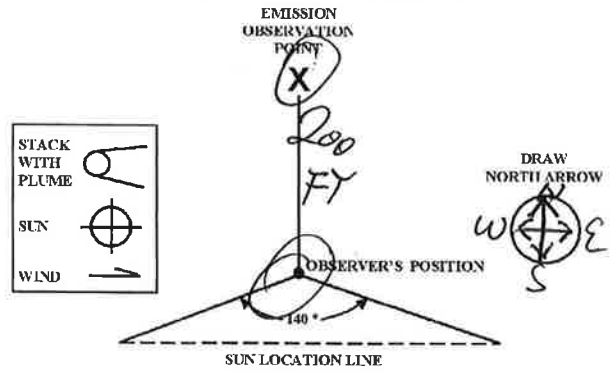
Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

pg 13

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	ROLLING GREY SMOKE
Height of Emission Point	10 FT
Height Relative to Observer	Start 8 TO 10 End FT
Distance to Emission Point	Start 200 FT End
Direction to Emission Point	Start NWEST End
Vertical Angle to Observation Pt.	Start End
Direction to Observation Point	Start NWEST End
Describe Emissions	Start GREY SMOKE End
Emission Color	Start GREY End TO WHITE
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 CONTAINER
Background Color	Start RED + End BLUE
Sky Condition	Start CLEAR End
Wind Speed	Start 12 MPH End
Wind Direction	Start 300° WNW End
Ambient Temp	Start 35° End
Wet Bulb Temp	23%
RH Percent	50%

SOURCE LAYOUT SKETCH



Additional Information: ACCP BY 114

Observation Date	Start Time	End Time
12-28-12	1545 PM	1615 PM

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	WOOD BURNING
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	5	0	0	
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	WOOD NOT BURNING
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	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

Observer's Name (Print)	BENNY BRUNO
Observer's Signature	[signature]
Date	12-28-12
Organization	DEP NYC
Certified by	AEROMET INC NYS
Date	10-4-12

Continue on reverse side

Pg 14

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: Rolling Grey Smoke		
Height of Emission Point: 10 FT	Height Relative to Observer: Start 8 To End 10 FT	
Distance to Emission Point: Start 50 FT End	Direction to Emission Point: Start N West End	
Vertical Angle to Observation Pt. Start 45° End	Direction to Observation Point: Start N West End	

Describe Emissions

Start: Grey Smoke

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

Point In The Plume At Which Opacity Was Determined

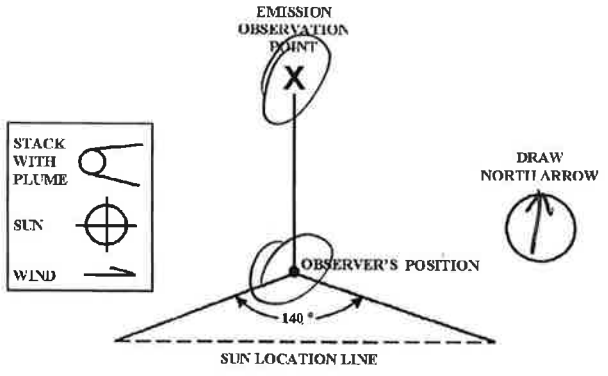
Start: 2FT Above Burner End: Burner

Describe Plume Background

Start: Red + Blue End: Continued

Background Color: Start Red End Blue	Sky Condition: Start Clear End
Wind Speed: Start 12 MPH End	Wind Direction: Start West End North West
Ambient Temp: Start 30 End	Wet Bulb Temp:	RH Percent: 50%

SOURCE LAYOUT SKETCH



Additional Information: Acct Bx 114

Observation Date	Start Time	End Time
12-28-12	1615	1645

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	Not Burning
2	0	0	0	0	At This Time
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
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	Wood Burning
15	15	15	10	5	Continued
16	10	10	5	5	
17	10	10	5	5	
18	15	15	10	5	
19	20	25	10	5	
20	30	30	20	15	
21	15	15	10	5	
22	20	25	20	10	
23	30	30	20	15	
24	35	35	30	15	
25	15	15	10	5	
26	20	20	15	10	
27	20	20	15	10	
28	15	15	10	5	
29	15	15	10	5	
30	25	25	20	15	

Observer's Name (Print): Henry Bruno

Observer's Signature: [signature] Date: 12-28-12

Organization: DEP NYC

Certified by: Aero Met Inc NYS Date: 10-4-12

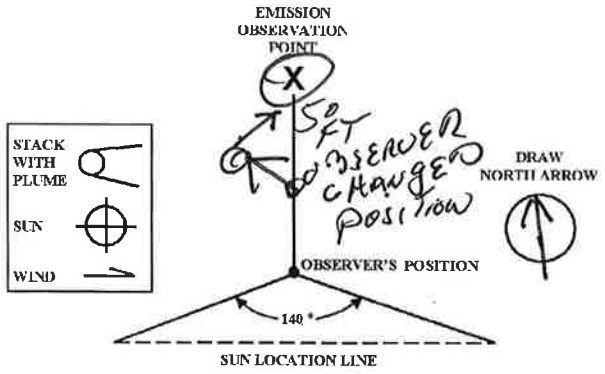
Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

RJ 15

Company Name: ECC		
Location: FLOYD BENNETT FIELD		
City: BK	State: NY	Zip:
Process Equipment		Operating Mode
Control Equipment: CURTAIN AIR HEATER		Operating Mode: ON
Describe Emission Point: ROLLING GREY SMOKE WITH FIRE FLAME OVER TOP		
Height of Emission Point: 10 FT	Height Relative to Observer: Start 10 FT End 12 FT	
Distance to Emission Point: Start 50 FT End	Direction to Emission Point: Start SOUTH End WEST	
Vertical Angle to Observation Pt. Start 45° End	Direction to Observation Point Start End	
Describe Emissions: Start GREY SMOKE End WITH FIRE		
Emission Color: Start GREYISH WHITE End	If Water Droplet Plume (Circle): Attached Detached (N/A)	
Point In The Plume At Which Opacity Was Determined: Start 2FT ABOVE End TOP BURNER		
Describe Plume Background: Start RED + BLUE End CONTAINER		
Background Color: Start RED + BLUE End	Sky Condition: Start CLEAR End	
Wind Speed: Start 2 MPH End	Wind Direction: Start WNW End	
Ambient Temp: Start 34/10 End	Wet Bulb Temp: /	RH Percent: 50%

SOURCE LAYOUT SKETCH



Additional Information: ACP Rx 114

Observation Date: 12-28-12	Start Time: 1615	End Time: 1715

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	NOT BURNING WOOD
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
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	HIGH FIRE
17	0	0	0	0	SPARKS
18	0	0	0	0	GETTING NEAR DAMPER -
19	0	0	0	0	
20	0	0	0	0	NOT BURNING WOOD
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
24	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

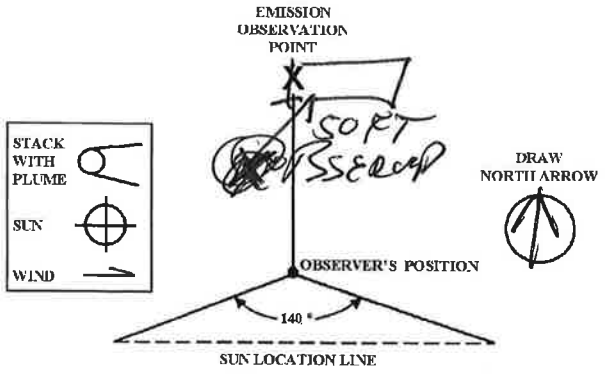
Observer's Name (Print): BENNY BRUNO	
Observer's Signature:	Date: 12-28-12
Organization: DEP-NYC	
Certified by: AEROMETRIC NYS.	Date: 10-4-12
Continue on reverse side	

VISIBLE EMISSION OBSERVATION FORM

Pg 16

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	
Height of Emission Point	10 FT
Height Relative to Observer	Start 10 TO 12 FT End
Distance to Emission Point	Start 50 FT End
Direction to Emission Point	Start SOUTH End WEST
Vertical Angle to Observation Pt.	Start 45% End
Direction to Observation Point	Start SOUTH End WEST
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 End HTR BURNER
Describe Plume Background	Start RED + BLUE End CONTAINER
Background Color	Start RED + BLUE End
Sky Condition	Start DARK End CLEAR
Wind Speed	Start 12 MPH End
Wind Direction	Start WNW End
Ambient Temp	Start 34% End
Wet Bulb Temp	
RH Percent	50%

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
12-28-12	1715	1745

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	NOT BURNING
2	0	0	0	0	WOOD AT THIS
3	0	0	0	0	TIME
4	0	0	0	0	FLAME + SPARKS
5	0	0	0	0	OVER THE TOP.
6	0	0	0	0	
7	0	0	0	0	NO WOOD
8	0	0	0	0	BURNING going
9	0	0	0	0	ON
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	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

Observer's Name (Print)	BENNY BRUNO
Observer's Signature	[signature]
Date	12-28-12
Organization	DEP NYC
Certified by	HEROMET INC NYS
Date	10-4-12

Additional Information: GENERATOR LIGHTS PUT ON –

Continue on reverse side

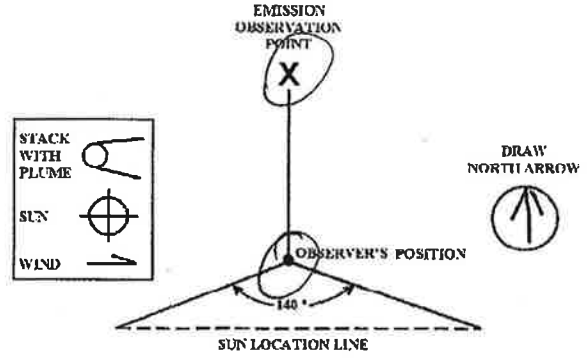
To GK.

Pg 5

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	NONE AT THIS TIME
Height of Emission Point	10 TO 12 FT
Height Relative to Observer	Start 8 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 NONE 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 ABOVE BURNER End
Describe Plume Background	Start RED CONTAINER End SKY
Background Color	Start RED + BLUE End
Sky Condition	Start CLEAR End
Wind Speed	Start 19 MPH End
Wind Direction	Start N WEST End
Ambient Temp	Start 35° End
Wet Bulb Temp	
RH Percent	54 %

SOURCE LAYOUT SKETCH



Additional Information: ALL P BY 140 + 114

Observation Date	Start Time	End Time
12-28-12	11 45	12:15 PM

Min \ Sec	0	15	30	45	Comments
1		10			RESOURCE BURNING
2		10			
3		5			
4		5			
5		5			
6		0			
7		0			NO WOOD BURNING
8		0			
9		0			
10		0			
11		0			
12		0			
13		0			
14		0			
15		0			
16		0			
17		0			
18		0			
19		0			
20		0			
21		0			
22		0			
23		0			
24		0			
25		0			
26		0			
27		0			
28		10			WOOD BURNING
29		15			
30		15			

Observer's Name (Print)	BENNY BRUNO
Observer's Signature	[signature]
Date	12-28-12
Organization	NYC DEP
Certified by	AERO MET Eng INC NYS
Date	10-4-12
Continue on reverse side	

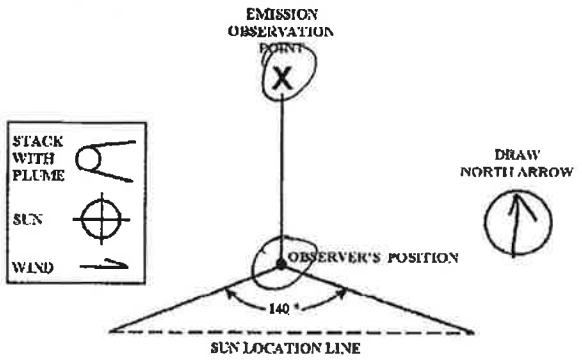
To GK

pg 6

VISIBLE EMISSION OBSERVATION FORM

Company Name: ECC		
Location: FLOYD BENNETT FIELD		
City: BK	State: NY	Zip:
Process Equipment		Operating Mode
Control Equipment: AIR PURIFYING / HEATER		Operating Mode: OW
Describe Emission Point: BLUE GREY SMOKE		
Height of Emission Point: 10 TO 12 FT	Height Relative to Observer: Start 3 TO 10 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 BLUE 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		
Background Color: Start RED + End BLUE	Sky Condition: Start CLEAR End	
Wind Speed: Start 14 MPH End	Wind Direction: Start W / WEST End	
Ambient Temp: Start 38° End	Wet Bulb Temp	RH Percent: 54%

SOURCE LAYOUT SKETCH



Additional Information: ACUPBY 140 + 114

Observation Date: 12-28-12	Start Time: 1215	End Time: 1245

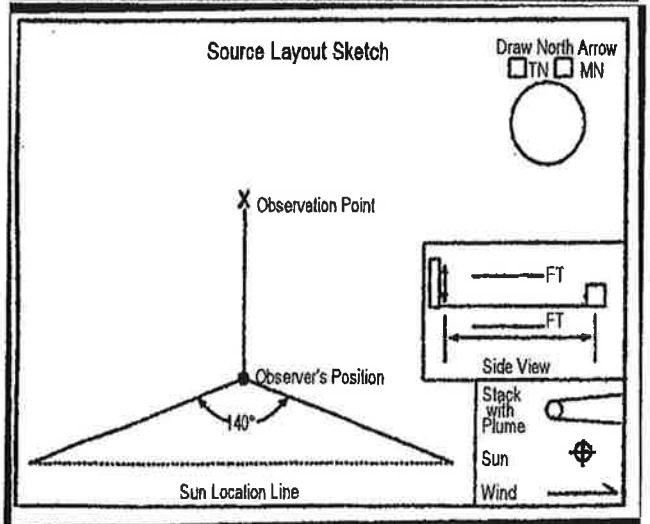
Sec / Min	0	15	30	45	Comments
1		15			WOOD BURNING
2		10			
3		5			
4		5			
5		5			
6		5			
7		5			
8		5			
9		5			
10		0			
11		0			
12		0			
13		10			
14		10			
15		5			
16		10			
17		15			
18		10			
19		10			
20		0			NO WOOD BURNING
21		0			
22		0			
23					
24		0			
25		0			
26		5			WOOD BURNING
27		5			
28		0			
29		0			
30		0			

Observer's Name (Print): BENNY BRUNO	
Observer's Signature: BB	Date: 12-28-12
Organization: NYC DEP	
Certified by: NYS AERO MET INC	Date: 10-4-12

Continue on reverse side

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

COMPANY NAME: Dep		
LOCATION: Floyd Bennett field		
LOCATION: 50 Aviation Rd		
CITY: BKlyn	STATE: ny	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: START END	DIRECTION TO EMISSION PT. (DEGREES (0-360)): START END	
VERTICAL ANGLE TO OBSERVATION POINT: START END	DIRECTION TO OBSERVATION POINT (DEGREES (0-360)): START END	
DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT: START END		
DESCRIBE EMISSIONS: START END		
EMISSION COLOR: START END	WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐	
DESCRIBE PLUME BACKGROUND: START END		
BACKGROUND COLOR: START END	SKY CONDITIONS: START END	
WIND SPEED: START END	WIND DIRECTION: START END	
AMBIENT TEMP: START END	WET BULB TEMP	RH percent



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
12-28-12	2030	2100

SEC / MIN	0	15	30	45	COMMENTS
1	10	10	10	10	
2	10	10	10	10	
3	10	10	10	10	
4	15	15	15	15	
5	10	10	10	10	
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	
11	10	10	10	10	
12	10	10	10	10	
13	15	15	15	15	
14	10	10	10	10	
15	10	10	10	10	
16	10	10	10	10	
17	10	10	10	10	
18	10	10	10	10	
19	15	15	15	15	
20	15	15	15	15	
21	15	15	15	15	
22	10	10	10	10	
23	5	5	5	5	
24	5	5	5	5	
25	5	5	5	5	
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): James Musto	
OBSERVER'S SIGNATURE: Jas Musto	DATE: 12-28-12
ORGANIZATION	
CERTIFIED BY	DATE

VISIBLE EMISSION OBSERVATION FORM

No.

COMPANY NAME	Dep
STREET ADDRESS	Floyd Bennett field
	50 Aviation Rd
CITY	BKlyn
STATE	ny
ZIP	11234
PHONE (KEY CONTACT)	
SOURCE ID NUMBER	

PROCESS EQUIPMENT	OPERATING MODE
CONTROL EQUIPMENT	OPERATING MODE

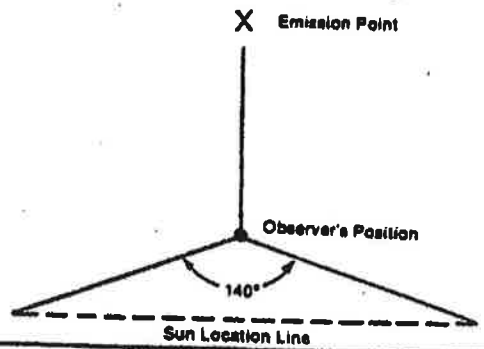
DESCRIBE EMISSION POINT	
HEIGHT ABOVE GROUND LEVEL	HEIGHT RELATIVE TO OBSERVER Start End
DISTANCE FROM OBSERVER Start End	DIRECTION FROM OBSERVER Start End

DESCRIBE EMISSIONS Start	End
EMISSION COLOR Start End	IF WATER DROPLET PLUME Attached ☐ Detached ☐
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED Start	End

DESCRIBE PLUME BACKGROUND Start	End	
BACKGROUND COLOR Start End	SKY CONDITIONS Start End	
WIND SPEED Start End	WIND DIRECTION Start End	
AMBIENT TEMP Start End	WET BULB TEMP	RH, percent

Stack with Plume
Sun
Wind

SOURCE LAYOUT SKETCH — Draw North Arrow



ADDITIONAL INFORMATION

OBSERVATION DATE: 12-28-12 START TIME: 2100 END TIME: 2130

SEC / MIN	0	15	30	45	COMMENTS
1	5	5	5	5	
2	5	5	5	5	
3	5	5	5	5	
4	10	10	10	10	
5	10	10	10	10	
6	15	15	15	15	
7	15	15	15	15	
8	15	15	10	10	
9	15	15	10	10	
10	10	10	10	10	
11	10	10	10	10	
12	10	10	10	10	
13	10	10	10	10	
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	10	10	10	10	
22	10	10	10	10	
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	10	10	10	10	
29	10	10	10	10	
30	10	10	10	10	

OBSERVER'S NAME (PRINT)	James Musto
OBSERVER'S SIGNATURE	James Musto
DATE	12-28-12
ORGANIZATION	
CERTIFIED BY	
DATE	
CONTINUED ON VEO FORM NUMBER	

VISIBLE EMISSION OBSERVATION FORM

No.

COMPANY NAME: Dep

STREET ADDRESS: 50 Aviation Rd

Floyd Bennett field

CITY: BKlyn | STATE: ny | ZIP: 11234

PHONE (KEY CONTACT) | SOURCE ID NUMBER

PROCESS EQUIPMENT | OPERATING MODE

CONTROL EQUIPMENT | OPERATING MODE

DESCRIBE EMISSION POINT

HEIGHT ABOVE GROUND LEVEL | HEIGHT RELATIVE TO OBSERVER: Start End

DISTANCE FROM OBSERVER: Start End | DIRECTION FROM OBSERVER: Start End

DESCRIBE EMISSIONS: Start End

EMISSION COLOR: Start End | IF WATER DROPLET PLUME: Attached ☐ Detached ☐

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED: Start End

DESCRIBE PLUME BACKGROUND: Start End

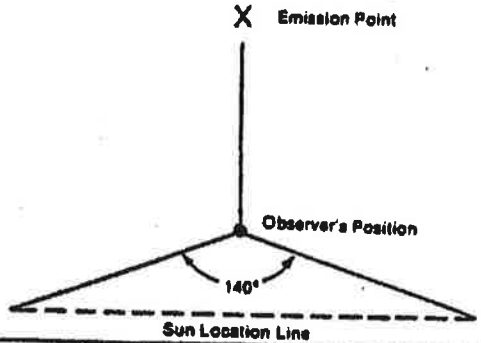
BACKGROUND COLOR: Start End | SKY CONDITIONS: Start End

WIND SPEED: Start End | WIND DIRECTION: Start End

AMBIENT TEMP: Start End | WET BULB TEMP | RH, percent

Stack with Plume
Sun
Wind

SOURCE LAYOUT SKETCH — Draw North Arrow



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME

SEC / MIN	0	15	30	45	COMMENTS
1	10	10	10	10	
2	10	10	10	10	
3	5	5	5	5	
4	5	5	5	5	
5	5	5	5	5	
6	10	10	10	10	
7	15	15	15	15	
8	15	15	15	15	
9	15	15	15	15	
10	10	10	10	10	
11	10	10	10	10	
12	10	10	10	10	
13	5	5	5	5	
14	5	5	5	5	
15	5	5	5	5	
16	10	10	10	10	
17	10	10	10	10	
18	10	10	10	10	
19	10	10	10	5	
20	5	5	5	10	
21	10	15	15	15	
22	10	10	10	10	
23	5	5	5	5	
24	5	5	5	5	
25	5	5	5	5	
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): James Musto

OBSERVER'S SIGNATURE: James Musto | DATE: 12-28-12

ORGANIZATION

CERTIFIED BY | DATE

CONTINUED ON VEO FORM NUMBER