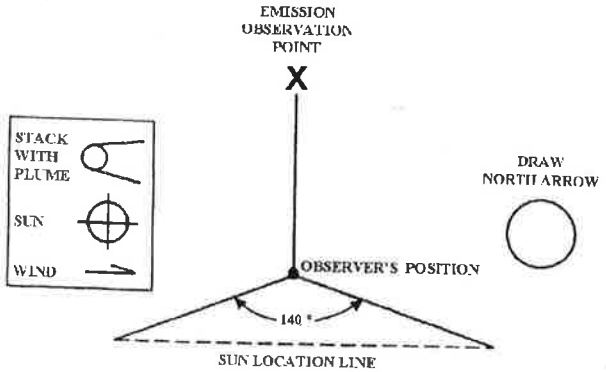
# VISIBLE EMISSION OBSERVATION FORM

| | |
|---|---|
| Company Name | ECC |
| Location | F. B. F |
| City | BKlyN |
| State | NY |
| Zip | |
| Process Equipment | INCINERATOR |
| Operating Mode | |
| Control Equipment | |
| Operating Mode | |
| Describe Emission Point | CONTAINER 6' TALL |
| Height of Emission Point | 6' TO 7' |
| Height Relative to Observer | Start End |
| Distance to Emission Point | Start 100 FT End |
| Direction to Emission Point | Start End |
| Vertical Angle to Observation Pt. | Start End |
| Direction to Observation Point | Start End |
| Describe Emissions | Start LOFTING End Plume |
| Emission Color | Start White 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 0 TO End 3 MPH |
| Wind Direction | Start N End W |
| Ambient Temp | Start 40°F End |
| Wet Bulb Temp | |
| RH Percent | |

## SOURCE LAYOUT SKETCH




| Observation Date | Start Time | End Time |
|---|---|---|
| 1/11/13 | 0200 | 0230 |

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

| | |
|---|---|
| Observer's Name (Print) | JOE M ACOSTA |
| Observer's Signature | J M A |
| Date | 1/11/13 |
| Organization | NYC DEP |
| Certified by | |
| Date | |

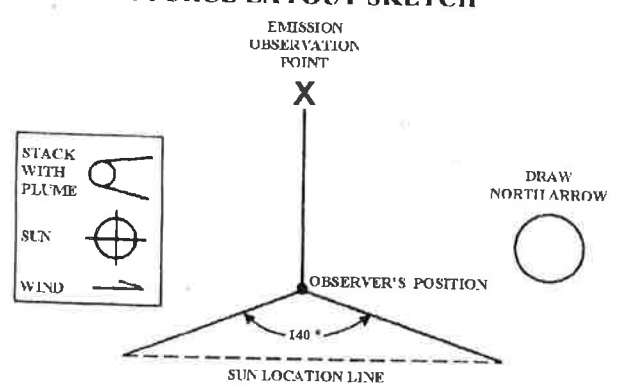
Additional Information

Continue on reverse side

# VISIBLE EMISSION OBSERVATION FORM

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

## SOURCE LAYOUT SKETCH




| Observation Date | Start Time | End Time |
|---|---|---|
| 01-11-13 | 1131 | 1200 |

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

| | |
|---|---|
| Observer's Name (Print)<br>Eric Gregorius | |
| Observer's Signature<br>Eric Gregorius | Date<br>01-11-13 |
| Organization | |
| Certified by | Date |

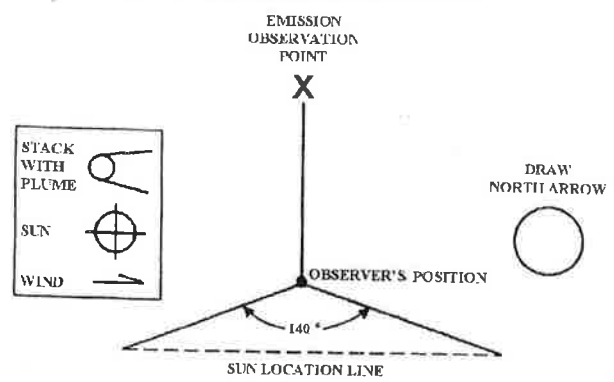
Additional Information

Continue on reverse side

# VISIBLE EMISSION OBSERVATION FORM

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

## SOURCE LAYOUT SKETCH




| Observation Date | Start Time | End Time |
|---|---|---|
| 01-11-13 | 1201 | 1230 |

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

| | |
|---|---|
| Observer's Name (Print)<br>Eric Gregorius | |
| Observer's Signature<br>Eric Gregorius | Date<br>01-11-13 |
| Organization | |
| Certified by | Date |

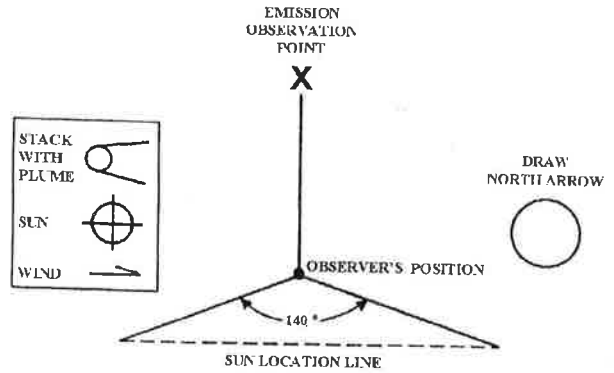
Additional Information

Continue on reverse side

# VISIBLE EMISSION OBSERVATION FORM

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

## SOURCE LAYOUT SKETCH




| Observation Date | Start Time | End Time |
|---|---|---|
| 01·11·13 | 1231 | 1300 |

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

| | |
|---|---|
| Observer's Name (Print)<br>Eric Gregorius | |
| Observer's Signature<br>Eric Gregorius | Date<br>01·11·13 |
| Organization | |
| Certified by | Date |

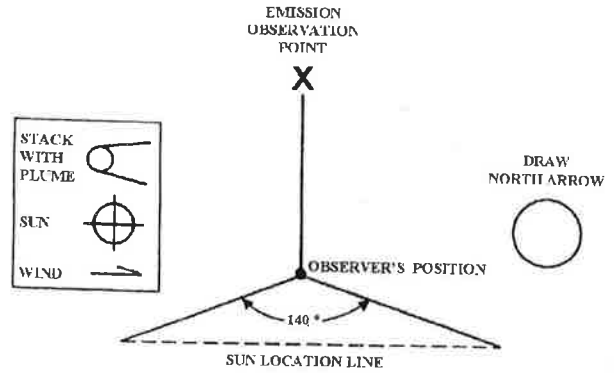
Additional Information

Continue on reverse side

# VISIBLE EMISSION OBSERVATION FORM

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

## SOURCE LAYOUT SKETCH




| Observation Date | Start Time | End Time |
|---|---|---|
| 01-11-13 | 1400 | 1430 |

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

| | |
|---|---|
| Observer's Name (Print)<br>Eric Gregorius | |
| Observer's Signature<br>Eric Gregorius | Date<br>01-11-13 |
| Organization | |
| Certified by | Date |

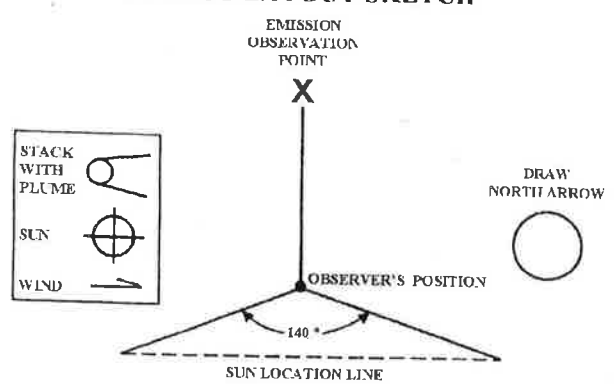
Additional Information

Continue on reverse side

# VISIBLE EMISSION OBSERVATION FORM

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

## SOURCE LAYOUT SKETCH




| Observation Date | Start Time | End Time |
|---|---|---|
| 01·11·13 | 1431 | |

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

| | |
|---|---|
| Observer's Name (Print)<br>Eric Gregorius | |
| Observer's Signature<br>Eric Gregorius | Date<br>01·11·13 |
| Organization | |
| Certified by | Date |

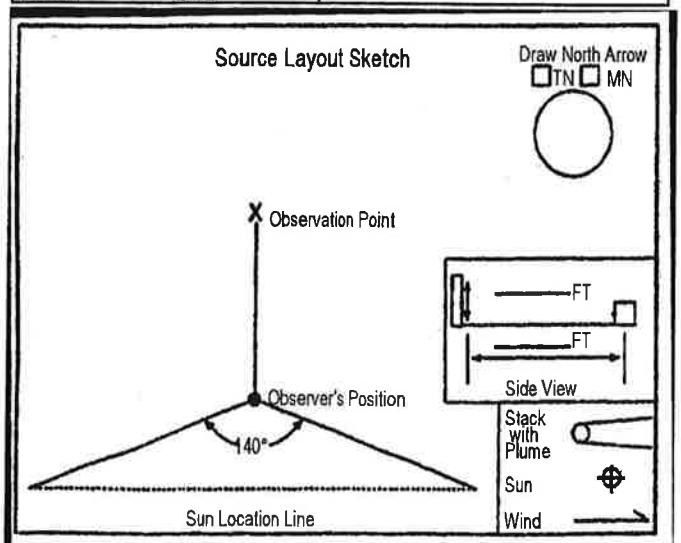
Additional Information

Continue on reverse side

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

1

| | |
|---|---|
| COMPANY NAME | ECC |
| LOCATION | Floyd Bennett Field |
| LOCATION | Brooklyn |
| CITY | B.K |
| STATE | N.Y |
| ZIP | |
| 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 |
|---|---|---|
| 1-11-13 | 1800 PM | 1830 |

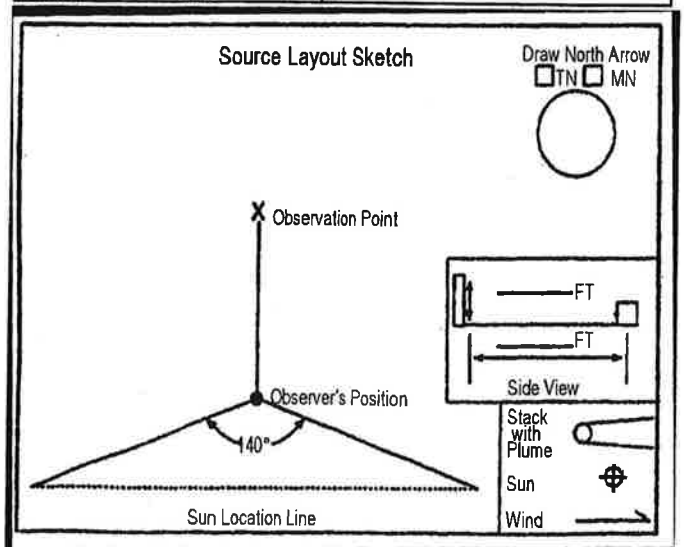
| MIN \ SEC | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 10 | 10 | 5 | 5 | not loading |
| 2 | 5 | 5 | 5 | 5 | |
| 3 | 5 | 10 | 10 | 10 | |
| 4 | 10 | 10 | 10 | 5 | |
| 5 | 5 | 10 | 10 | 10 | |
| 6 | 5 | 5 | 5 | 5 | |
| 7 | 5 | 10 | 5 | 5 | |
| 8 | 10 | 10 | 10 | 10 | |
| 9 | 5 | 5 | 5 | 10 | |
| 10 | 10 | 15 | 15 | 15 | Loading |
| 11 | 15 | 20 | 20 | 15 | |
| 12 | 20 | 20 | 15 | 15 | |
| 13 | 15 | 20 | 15 | 20 | |
| 14 | 15 | 15 | 15 | 10 | |
| 15 | 15 | 10 | 10 | 10 | |
| 16 | 10 | 10 | 15 | 15 | not loading |
| 17 | 10 | 10 | 10 | 10 | |
| 18 | 10 | 5 | 5 | 10 | |
| 19 | 5 | 5 | 5 | 5 | |
| 20 | 5 | 5 | 5 | 5 | |
| 21 | 5 | 5 | 5 | 5 | |
| 22 | 10 | 5 | 10 | 10 | |
| 23 | 10 | 10 | 10 | 10 | |
| 24 | 10 | 5 | 5 | 10 | |
| 25 | 5 | 5 | 5 | 5 | |
| 26 | 10 | 10 | 10 | 10 | |
| 27 | 15 | 15 | 15 | 10 | Loading |
| 28 | 15 | 20 | 20 | 20 | |
| 29 | 20 | 15 | 20 | 15 | |
| 30 | 20 | 20 | 15 | 15 | |

| | |
|---|---|
| OBSERVER'S NAME (PRINT) | H. Hayat |
| OBSERVER'S SIGNATURE | DATE 1/11/13 |
| ORGANIZATION | N.Y.C D.E.P |
| CERTIFIED BY | DATE |

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

(2)

| | |
|---|---|
| COMPANY NAME | ECC |
| LOCATION | Floyd Bennett Field |
| LOCATION | Brooklyn |
| CITY | Bk |
| STATE | NY |
| ZIP | |
| 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

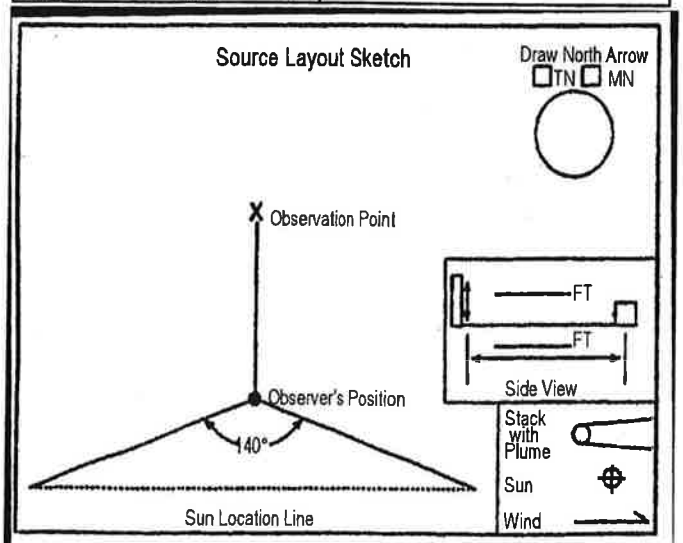
| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 1/11/13 | 1830 | 1900 |

| MIN \ SEC | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 10 | 5 | 5 | 5 | not loading |
| 2 | 10 | 10 | 10 | 10 | |
| 3 | 5 | 10 | 5 | 5 | |
| 4 | 10 | 10 | 10 | 10 | |
| 5 | 10 | 15 | 10 | 5 | |
| 6 | 10 | 10 | 10 | 15 | |
| 7 | 15 | 10 | 10 | 10 | |
| 8 | 10 | 10 | 10 | 5 | |
| 9 | 5 | 5 | 5 | 10 | |
| 10 | 10 | 15 | 15 | 15 | |
| 11 | 10 | 15 | 15 | 20 | loading |
| 12 | 20 | 20 | 20 | 15 | |
| 13 | 15 | 20 | 20 | 20 | |
| 14 | 20 | 15 | 15 | 15 | |
| 15 | 15 | 15 | 10 | 10 | |
| 16 | 10 | 5 | 5 | 5 | |
| 17 | 5 | 5 | 5 | 5 | not loading |
| 18 | 10 | 10 | 5 | 5 | |
| 19 | 10 | 10 | 15 | 15 | |
| 20 | 10 | 10 | 15 | 15 | |
| 21 | 15 | 15 | 10 | 10 | |
| 22 | 10 | 15 | 15 | 15 | |
| 23 | 15 | 10 | 10 | 10 | |
| 24 | 10 | 15 | 15 | 15 | |
| 25 | 20 | 20 | 15 | 15 | |
| 26 | 10 | 10 | 10 | 10 | |
| 27 | 5 | 10 | 5 | 5 | |
| 28 | 5 | 10 | 10 | 5 | |
| 29 | 5 | 5 | 10 | 10 | |
| 30 | 10 | 15 | 15 | 10 | |

| | |
|---|---|
| OBSERVER'S NAME (PRINT) | H. Hogan |
| OBSERVER'S SIGNATURE | |
| DATE | 1/11/13 |
| ORGANIZATION | NYC DEP |
| CERTIFIED BY | |
| DATE | |

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

| | |
|---|---|
| COMPANY NAME | E.C.C |
| LOCATION | Floyd Bennett Field |
| LOCATION | Brooklyn |
| CITY B.K | STATE NY |
| ZIP | |
| 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 |
|---|---|---|
| 1/11/12 | 1900 | 1930 |

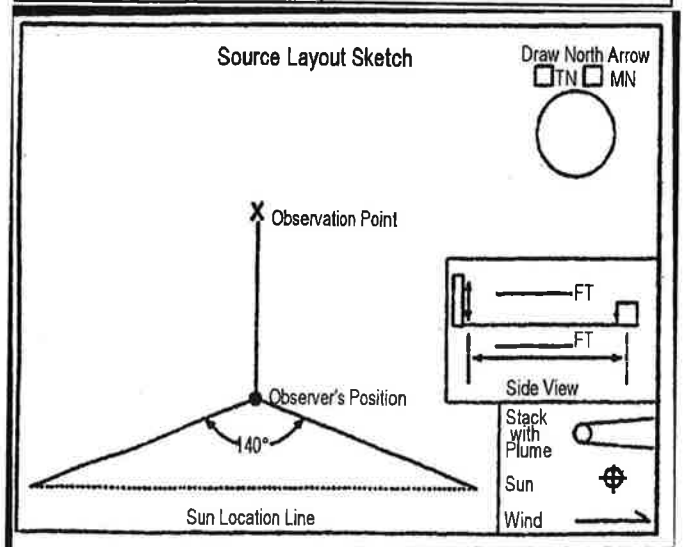
| MIN \ SEC | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 10 | 15 | 15 | 10 | not loading |
| 2 | 10 | 15 | 10 | 10 | |
| 3 | 10 | 10 | 10 | 15 | |
| 4 | 15 | 15 | 10 | 10 | |
| 5 | 10 | 15 | 15 | 15 | |
| 6 | 10 | 10 | 10 | 10 | |
| 7 | 15 | 15 | 15 | 15 | loading |
| 8 | 15 | 20 | 20 | 20 | |
| 9 | 20 | 25 | 25 | 30 | |
| 10 | 30 | 20 | 25 | 25 | |
| 11 | 30 | 30 | 30 | 25 | |
| 12 | 25 | 20 | 15 | 15 | |
| 13 | 20 | 20 | 20 | 15 | not loading |
| 14 | 15 | 15 | 20 | 20 | |
| 15 | 15 | 15 | 10 | 15 | |
| 16 | 15 | 15 | 20 | 20 | |
| 17 | 10 | 10 | 15 | 15 | |
| 18 | 10 | 15 | 15 | 15 | |
| 19 | 15 | 15 | 15 | 15 | |
| 20 | 15 | 15 | 15 | 15 | |
| 21 | 15 | 15 | 10 | 10 | |
| 22 | 10 | 10 | 15 | 15 | |
| 23 | 10 | 10 | 10 | 15 | |
| 24 | 10 | 10 | 15 | 15 | |
| 25 | 10 | 15 | 10 | 15 | |
| 26 | 15 | 10 | 10 | 15 | |
| 27 | 15 | 10 | 10 | 15 | |
| 28 | 15 | 10 | 10 | 15 | |
| 29 | 10 | 10 | 10 | 5 | |
| 30 | 5 | 10 | 10 | 5 | |

| | |
|---|---|
| OBSERVER'S NAME (PRINT) | H. Hyar. |
| OBSERVER'S SIGNATURE | DATE 1/11/12 |
| ORGANIZATION | N.Y.C DEP |
| CERTIFIED BY | DATE |

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

4

| | |
|---|---|
| COMPANY NAME | E. C. C |
| LOCATION | Floyed bennett field |
| LOCATION | Brooklyn |
| CITY | Bk |
| STATE | ny |
| ZIP | |
| 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 |
|---|---|---|
| 4/11/13 | 1930 | 2000 |

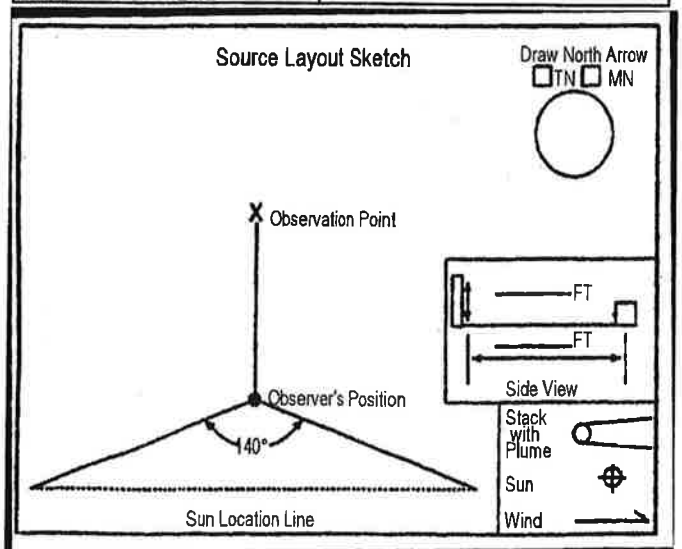
| MIN \ SEC | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 10 | 10 | 15 | 15 | not loading |
| 2 | 15 | 10 | 10 | 15 | |
| 3 | 10 | 15 | 15 | 10 | |
| 4 | 10 | 15 | 10 | 10 | |
| 5 | 15 | 15 | 15 | 15 | |
| 6 | 10 | 15 | 15 | 20 | loading |
| 7 | 15 | 15 | 15 | 10 | |
| 8 | 10 | 15 | 15 | 10 | |
| 9 | 10 | 10 | 15 | 10 | |
| 10 | 10 | 10 | 10 | 10 | |
| 11 | 10 | 10 | 15 | 15 | |
| 12 | 15 | 10 | 10 | 10 | not loading |
| 13 | 10 | 15 | 15 | 10 | |
| 14 | 10 | 10 | 15 | 15 | |
| 15 | 15 | 10 | 10 | 10 | |
| 16 | 10 | 10 | 10 | 5 | |
| 17 | 5 | 5 | 5 | 5 | |
| 18 | 5 | 5 | 5 | 5 | |
| 19 | 10 | 10 | 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 | 10 | 10 | 5 | 5 | |
| 29 | 5 | 5 | 5 | 5 | |
| 30 | 5 | 5 | 5 | 10 | |

| | |
|---|---|
| OBSERVER'S NAME (PRINT) | [illegible] |
| OBSERVER'S SIGNATURE | [signature] |
| DATE | 4/11/13 |
| ORGANIZATION | NYC D.E.P |
| CERTIFIED BY | |
| DATE | |

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

(5)

| | | |
|---|---|---|
| COMPANY NAME: E.C.C | | |
| LOCATION: Floyd Bennett Field | | |
| LOCATION: Brooklyn | | |
| CITY: D.C | STATE: N.Y | ZIP |
| PROCESS EQUIPMENT | | OPERATING MODE |
| CONTROL EQUIPMENT | | OPERATING MODE |
| DESCRIBE EMISSION POINT | | |
| HEIGHT OF EMISSION POINT | HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER<br>START END | |
| DISTANCE TO EMISSION POINT<br>START END | DIRECTION TO EMISSION PT. (DEGREES (0-360))<br>START END | |
| VERTICAL ANGLE TO OBSERVATION POINT<br>START END | DIRECTION TO OBSERVATION POINT (DEGREES (0-360))<br>START END | |
| DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT<br>START END | | |
| DESCRIBE EMISSIONS<br>START END | | |
| EMISSION COLOR<br>START END | WATER DROPLET PLUME<br>ATTACHED ☐ DETACHED ☐ NONE ☐ | |
| DESCRIBE PLUME BACKGROUND<br>START END | | |
| BACKGROUND COLOR<br>START END | SKY CONDITIONS<br>START END | |
| WIND SPEED<br>START END | WIND DIRECTION<br>START END | |
| AMBIENT TEMP<br>START END | WET BULB TEMP | RH percent |




ADDITIONAL INFORMATION

| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 1/11/13 | 2000 | 2030 |

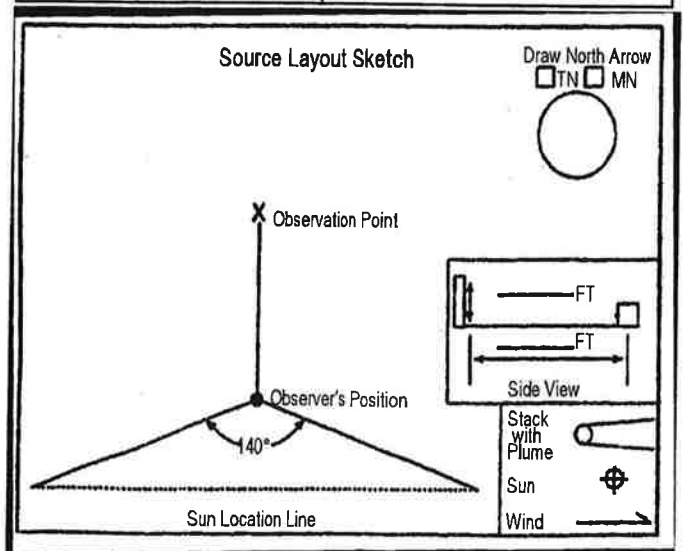
| MIN \ SEC | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 10 | 5 | 10 | 10 | not loading |
| 2 | 5 | 5 | 5 | 10 | |
| 3 | 10 | 5 | 10 | 5 | |
| 4 | 5 | 10 | 10 | 10 | |
| 5 | 5 | 5 | 5 | 10 | |
| 6 | 5 | 10 | 10 | 10 | |
| 7 | 5 | 5 | 5 | 5 | |
| 8 | 5 | 5 | 5 | 5 | |
| 9 | 5 | 5 | 5 | 5 | |
| 10 | 5 | 5 | 5 | 5 | |
| 11 | 5 | 5 | 5 | 5 | |
| 12 | 5 | 5 | 5 | 5 | |
| 13 | 10 | 10 | 10 | 10 | |
| 14 | 10 | 5 | 5 | 10 | |
| 15 | 15 | 15 | 15 | 20 | loading |
| 16 | 15 | 20 | 20 | 20 | |
| 17 | 15 | 20 | 20 | 15 | |
| 18 | 15 | 20 | 20 | 20 | |
| 19 | 15 | 15 | 20 | 15 | |
| 20 | 15 | 15 | 20 | 20 | |
| 21 | 15 | 15 | 10 | 10 | not loading |
| 22 | 15 | 15 | 10 | 10 | |
| 23 | 10 | 10 | 10 | 15 | |
| 24 | 10 | 10 | 5 | 5 | |
| 25 | 10 | 5 | 10 | 10 | |
| 26 | 5 | 10 | 5 | 5 | |
| 27 | 5 | 10 | 10 | 10 | |
| 28 | 5 | 10 | 10 | 5 | |
| 29 | 5 | 10 | 5 | 5 | |
| 30 | 10 | 5 | 10 | 10 | |

| | |
|---|---|
| OBSERVER'S NAME (PRINT): W. Weyari | |
| OBSERVER'S SIGNATURE: [signature] | DATE: 1/4/13 |
| ORGANIZATION: N.Y.C D.E.P | |
| CERTIFIED BY | DATE |

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

6

| | |
|---|---|
| COMPANY NAME | E. C. C |
| LOCATION | Floyd Bennett Field |
| LOCATION | Brooklyn |
| CITY | B.K |
| STATE | NY |
| ZIP | |
| 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 |
|---|---|---|
| 7/11/13 | 2030 | 2100 |

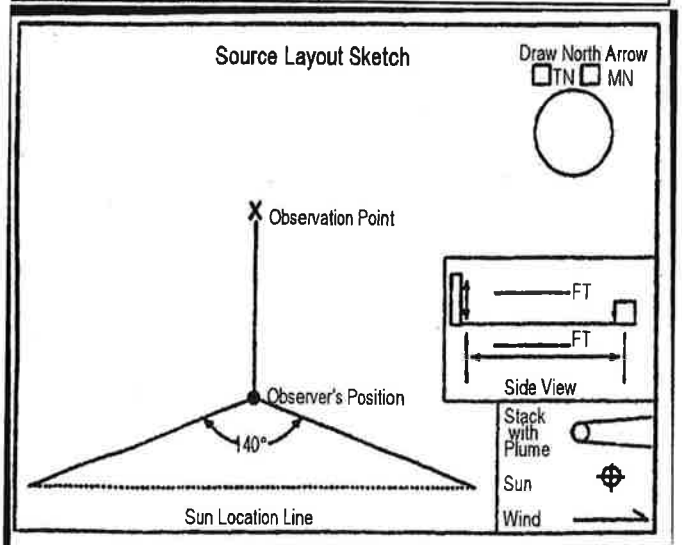
| MIN \ SEC | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 10 | 5 | 5 | 10 | not loading |
| 2 | 10 | 5 | 5 | 5 | |
| 3 | 5 | 10 | 10 | 10 | |
| 4 | 10 | 15 | 5 | 5 | |
| 5 | 5 | 10 | 15 | 5 | |
| 6 | 5 | 10 | 10 | 10 | |
| 7 | 10 | 15 | 15 | 15 | |
| 8 | 15 | 15 | 15 | 15 | |
| 9 | 10 | 15 | 15 | 15 | |
| 10 | 15 | 15 | 20 | 20 | loading |
| 11 | 15 | 10 | 10 | 15 | |
| 12 | 10 | 20 | 20 | 15 | |
| 13 | 15 | 15 | 15 | 10 | |
| 14 | 15 | 20 | 20 | 15 | |
| 15 | 15 | 10 | 10 | 10 | not loading |
| 16 | 15 | 15 | 15 | 15 | |
| 17 | 15 | 10 | 10 | 15 | |
| 18 | 15 | 10 | 10 | 10 | |
| 19 | 10 | 10 | 10 | 10 | |
| 20 | 10 | 10 | 10 | 10 | |
| 21 | 10 | 10 | 10 | 10 | |
| 22 | 10 | 15 | 10 | 10 | |
| 23 | 10 | 10 | 15 | 10 | |
| 24 | 15 | 10 | 15 | 15 | |
| 25 | 10 | 10 | 10 | 10 | |
| 26 | 10 | 5 | 5 | 10 | |
| 27 | 5 | 5 | 10 | 5 | |
| 28 | 5 | 10 | 10 | 10 | |
| 29 | 10 | 5 | 5 | 10 | |
| 30 | 10 | 10 | 10 | 10 | |

| | |
|---|---|
| OBSERVER'S NAME (PRINT) | [illegible] Hayat |
| OBSERVER'S SIGNATURE | DATE 7/11/13 |
| ORGANIZATION | N.Y.C D.E.P |
| CERTIFIED BY | DATE |

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

7

| | |
|---|---|
| COMPANY NAME | E.C.C |
| LOCATION | Floyd bennett field |
| LOCATION | Brooklyn |
| CITY B.K | STATE NY | ZIP |
| 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

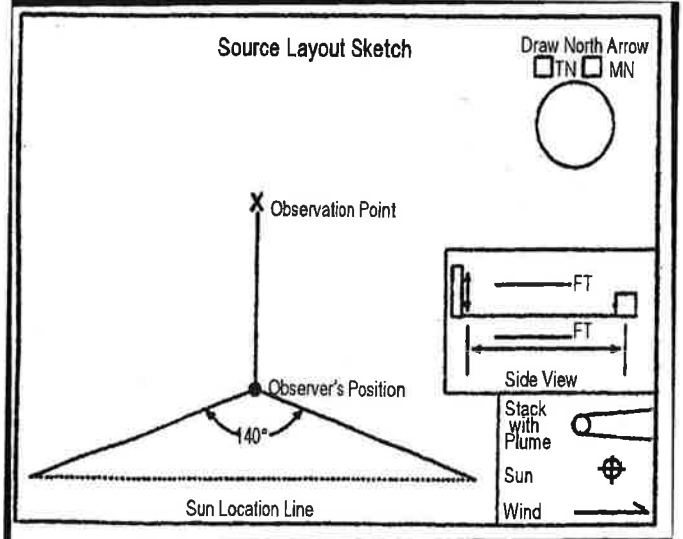
| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 1/11/13 | 2100 | 2130 |

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

| | |
|---|---|
| OBSERVER'S NAME (PRINT) | H Bryant |
| OBSERVER'S SIGNATURE | DATE 1/11/13 |
| ORGANIZATION | NYC D.E.P |
| CERTIFIED BY | DATE |

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

| | |
|---|---|
| COMPANY NAME | E.C.C |
| LOCATION | Floyd bennett field |
| LOCATION | Brooklyn |
| CITY | B.K |
| STATE | NY |
| ZIP | |
| 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 |
|---|---|---|
| 1/11/13 | 2130 | 2200 |

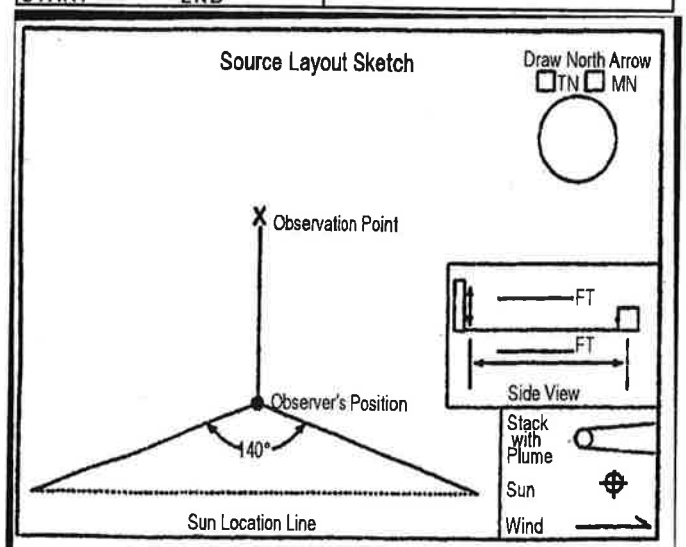
| MIN \ SEC | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 5 | 5 | 10 | 5 | |
| 2 | 10 | 10 | 5 | 10 | |
| 3 | 10 | 10 | 10 | 10 | |
| 4 | 5 | 5 | 10 | 5 | |
| 5 | 10 | 5 | 5 | 10 | |
| 6 | 5 | 5 | 5 | 5 | |
| 7 | 5 | 5 | 5 | 5 | |
| 8 | 5 | 10 | 5 | 10 | |
| 9 | 10 | 5 | 10 | 15 | |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

| | |
|---|---|
| OBSERVER'S NAME (PRINT) | Id-Hyori |
| OBSERVER'S SIGNATURE | [signature] |
| DATE | 1/11/13 |
| ORGANIZATION | NYC DEP |
| CERTIFIED BY | |
| DATE | |

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

9

| | |
|---|---|
| COMPANY NAME | E.C.C |
| LOCATION | floyd bennett field |
| LOCATION | Brooklyn |
| CITY | B.C |
| STATE | N.Y |
| ZIP | |
| 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 |
|---|---|---|
| 7/11/13 | 2200 | 2230 |

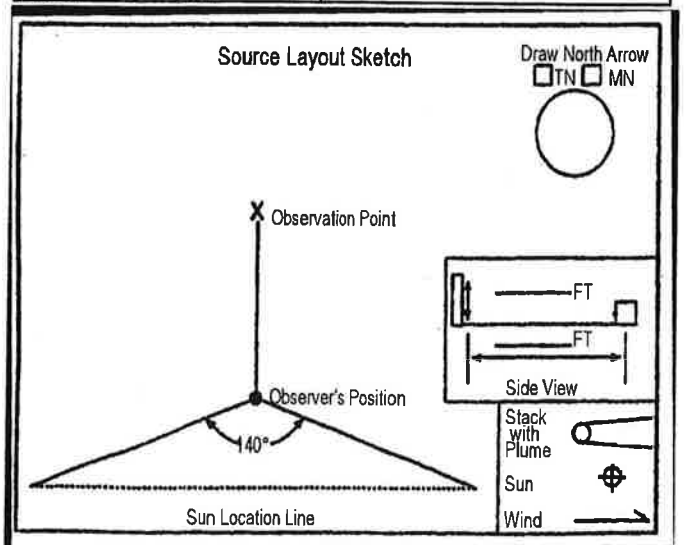
| MIN \ SEC | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 5 | 5 | 10 | 5 | |
| 2 | 10 | 10 | 5 | 10 | |
| 3 | 15 | 15 | 10 | 10 | |
| 4 | 10 | 5 | 5 | 5 | |
| 5 | 5 | 5 | 10 | 5 | |
| 6 | 10 | 15 | 15 | 10 | |
| 7 | 10 | 5 | 5 | 10 | |
| 8 | 5 | 5 | 5 | 5 | |
| 9 | 5 | 5 | 5 | 5 | |
| 10 | 5 | 5 | 5 | 5 | |
| 11 | 5 | 5 | 5 | 5 | |
| 12 | 5 | 5 | 5 | 5 | |
| 13 | 5 | 5 | 5 | 5 | |
| 14 | 5 | 10 | 5 | 5 | |
| 15 | 10 | 10 | 10 | 10 | |
| 16 | 10 | 5 | 5 | 5 | |
| 17 | 5 | 5 | 5 | 5 | |
| 18 | 10 | 5 | 5 | 5 | |
| 19 | 5 | 5 | 10 | 10 | |
| 20 | 5 | 5 | 5 | 5 | |
| 21 | 10 | 10 | 5 | 10 | |
| 22 | 5 | 5 | 5 | 5 | |
| 23 | 5 | 5 | 5 | 5 | |
| 24 | 5 | 5 | 5 | 5 | |
| 25 | 5 | 5 | 5 | 5 | |
| 26 | 10 | 10 | 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) | H Rogers |
| OBSERVER'S SIGNATURE | DATE 7/11/13 |
| ORGANIZATION | NYC DEP |
| CERTIFIED BY | DATE |

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

10

| | |
|---|---|
| COMPANY NAME | E. C. C |
| LOCATION | Floyd bennett field |
| LOCATION | Brooklyn |
| CITY | BK |
| STATE | NY |
| ZIP | |
| 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 |
|---|---|---|
| 1/11/13 | 2230 | 2300 |

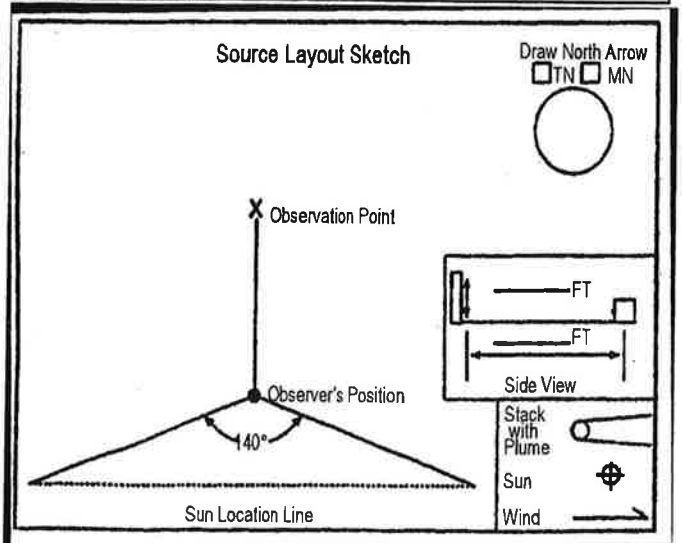
| MIN \ SEC | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 10 | 10 | 15 | 15 | |
| 2 | 15 | 15 | 20 | 20 | |
| 3 | 15 | 20 | 15 | 15 | |
| 4 | 10 | 10 | 10 | 10 | |
| 5 | 15 | 15 | 20 | 15 | |
| 6 | 10 | 15 | 10 | 10 | |
| 7 | 10 | 10 | 10 | 10 | |
| 8 | 10 | 10 | 10 | 10 | |
| 9 | 10 | 15 | 10 | 15 | |
| 10 | 10 | 15 | 15 | 15 | |
| 11 | 10 | 10 | 10 | 10 | |
| 12 | 10 | 5 | 5 | 10 | |
| 13 | 10 | 15 | 10 | 10 | |
| 14 | 10 | 5 | 5 | 5 | |
| 15 | 10 | 15 | 15 | 15 | |
| 16 | 10 | 15 | 15 | 15 | Loading |
| 17 | 20 | 20 | 25 | 25 | |
| 18 | 20 | 20 | 15 | 20 | |
| 19 | 20 | 20 | 20 | 20 | |
| 20 | 15 | 10 | 15 | 15 | |
| 21 | 10 | 10 | 10 | 15 | |
| 22 | 10 | 10 | 10 | 10 | Not loading |
| 23 | 10 | 5 | 5 | 10 | |
| 24 | 5 | 5 | 5 | 5 | |
| 25 | 5 | 10 | 5 | 5 | |
| 26 | 10 | 10 | 5 | 5 | |
| 27 | 5 | 5 | 5 | 5 | |
| 28 | 5 | 10 | 10 | 5 | |
| 29 | 10 | 5 | 10 | 5 | |
| 30 | 10 | 5 | 5 | 5 | |

| | |
|---|---|
| OBSERVER'S NAME (PRINT) | H. Hogan |
| OBSERVER'S SIGNATURE | DATE 1/11/13 |
| ORGANIZATION | N.Y.C DEP |
| CERTIFIED BY | DATE |

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

11

| | |
|---|---|
| COMPANY NAME | ECC |
| LOCATION | Floyd Bennett Field |
| LOCATION | Brooklyn |
| CITY | BK |
| STATE | NY |
| ZIP | |
| 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 |
|---|---|---|
| 1/11/13 | 2300 | 2330 |

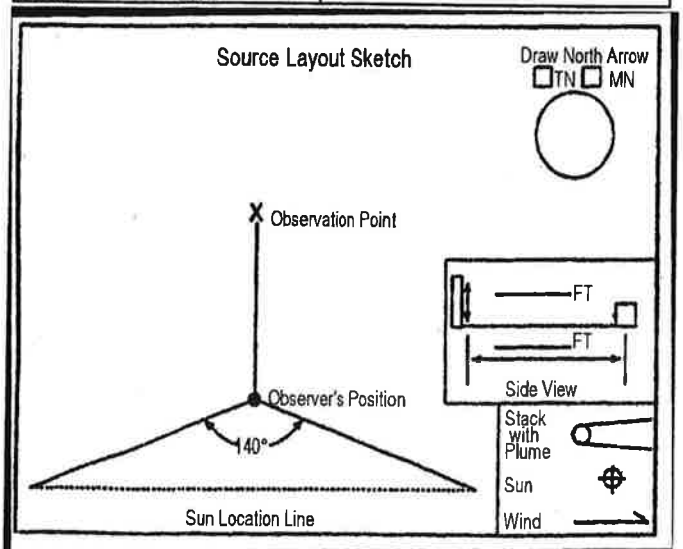
| MIN \ SEC | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 10 | 5 | 5 | 10 | |
| 2 | 10 | 10 | 15 | 10 | |
| 3 | 10 | 5 | 10 | 15 | |
| 4 | 10 | 5 | 5 | 5 | |
| 5 | 5 | 10 | 10 | 10 | |
| 6 | 10 | 15 | 10 | 15 | |
| 7 | 10 | 5 | 5 | 5 | |
| 8 | 10 | 10 | 10 | 10 | |
| 9 | 10 | 15 | 10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

| | |
|---|---|
| OBSERVER'S NAME (PRINT) | H. Hayat |
| OBSERVER'S SIGNATURE | DATE 1/11/13 |
| ORGANIZATION | N.Y.C DEP |
| CERTIFIED BY | DATE |

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

12

| | |
|---|---|
| COMPANY NAME | E.C.C |
| LOCATION | floyd bennett island |
| LOCATION | Brooklyn |
| CITY | B.K |
| STATE | NY |
| ZIP | |
| 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 |
|---|---|---|
| 1/11/13 | 2330 | 0000 |

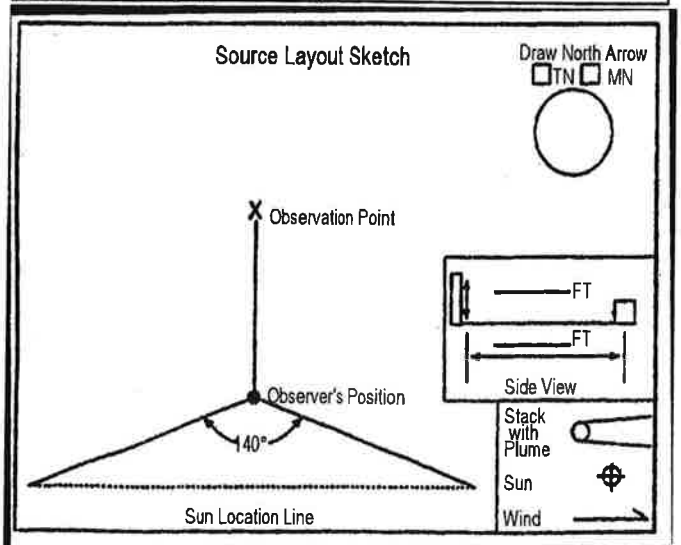
| MIN \ SEC | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 10 | 5 | 5 | 5 | |
| 2 | 5 | 10 | 10 | 10 | |
| 3 | 10 | 15 | 10 | 5 | |
| 4 | 15 | 10 | 5 | 5 | |
| 5 | 5 | 10 | 10 | 10 | |
| 6 | 10 | 10 | 15 | 10 | |
| 7 | 10 | 5 | 5 | 10 | |
| 8 | 10 | 10 | 5 | 5 | |
| 9 | 5 | 10 | 5 |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

| | |
|---|---|
| OBSERVER'S NAME (PRINT) | H Hayford |
| OBSERVER'S SIGNATURE | |
| DATE | 1/11/13 |
| ORGANIZATION | N.Y.C DEP |
| CERTIFIED BY | |
| DATE | |

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

13

| | |
|---|---|
| COMPANY NAME | E.C.C |
| LOCATION | Floyd Bennett Field |
| LOCATION | Brooklyn |
| CITY: Bk | STATE: NY / ZIP |
| 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 |
|---|---|---|
| 1/12/13 | 0003 | 0036 |

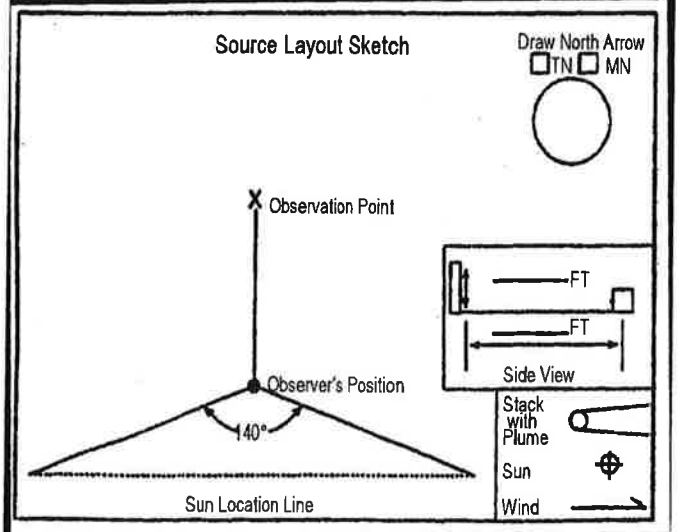
| MIN \ SEC | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 10 | 10 | 10 | 15 | loading |
| 2 | 15 | 20 | 20 | 15 | |
| 3 | 10 | 15 | 20 | 15 | |
| 4 | 15 | 20 | 20 | 20 | |
| 5 | 15 | 10 | 10 | 10 | not loading |
| 6 | 10 | 15 | 20 | 15 | |
| 7 | 10 | 10 | 10 | 10 | |
| 8 | 10 | 5 | 10 | 10 | |
| 9 | 10 | 5 | 5 | 5 | |
| 10 | 10 | 5 | 5 | 10 | |
| 11 | 15 | 10 | 20 | 15 | |
| 12 | 10 | 10 | 10 | 10 | |
| 13 | 15 | 10 | 10 | 10 | |
| 14 | 10 | 5 | 5 | 10 | |
| 15 | 10 | 10 | 5 | 10 | |
| 16 | 5 | 5 | 5 | 5 | |
| 17 | 10 | 5 | 5 | 5 | |
| 18 | 10 | 10 | 5 | 5 | |
| 19 | 10 | 5 | 5 | 5 | |
| 20 | 5 | 5 | 10 | 10 | |
| 21 | 10 | 5 | 5 | 5 | |
| 22 | 5 | 5 | 5 | 5 | |
| 23 | 5 | 10 | 10 | 10 | |
| 24 | 10 | 5 | 5 | 5 | |
| 25 | 5 | 5 | 10 | 5 | |
| 26 | 5 | 5 | 5 | 10 | |
| 27 | 10 | 5 | 5 | 5 | |
| 28 | 5 | 10 | 10 | 10 | |
| 29 | 10 | 5 | 5 | 10 | |
| 30 | 5 | 10 | 5 | 5 | |

| | |
|---|---|
| OBSERVER'S NAME (PRINT) | H Mayori |
| OBSERVER'S SIGNATURE | DATE 1/12/13 |
| ORGANIZATION | NYC DEP |
| CERTIFIED BY | DATE |

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

14

| | |
|---|---|
| COMPANY NAME | E. C. C |
| LOCATION | Floyd Bennett Field |
| LOCATION | Brooklyn |
| CITY | Bk |
| STATE | NY |
| ZIP | |
| 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

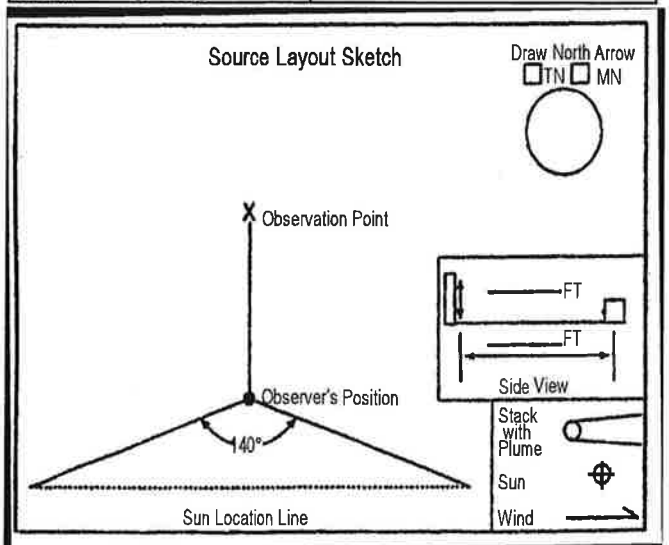
| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 1/12/13 | 0030 | 0100 |

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

| | |
|---|---|
| OBSERVER'S NAME (PRINT) | V. Nguyen |
| OBSERVER'S SIGNATURE | DATE 1/12/13 |
| ORGANIZATION | NYC DEP |
| CERTIFIED BY | DATE |

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

| | |
|---|---|
| COMPANY NAME | ECC |
| LOCATION | F.B.F |
| LOCATION | |
| CITY | BKLYN |
| STATE | NY |
| ZIP | |
| PROCESS EQUIPMENT | INCINIRATOR |
| OPERATING MODE | |
| CONTROL EQUIPMENT | |
| OPERATING MODE | |
| DESCRIBE EMISSION POINT | |
| HEIGHT OF EMISSION POINT | 6' TO 7' |
| HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER | START END |
| DISTANCE TO EMISSION POINT | START 100 FT 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 Smoke END |
| EMISSION COLOR | START WHITE END |
| WATER DROPLET PLUME | ATTACHED ☐ DETACHED ☐ NONE ☐ |
| DESCRIBE PLUME BACKGROUND | START END |
| BACKGROUND COLOR | START END |
| SKY CONDITIONS | START NIGHT END |
| WIND SPEED | START 0 TO 3 END MPH |
| WIND DIRECTION | START N W END |
| AMBIENT TEMP | START 40° END F |
| WET BULB TEMP | RH percent |




ADDITIONAL INFORMATION

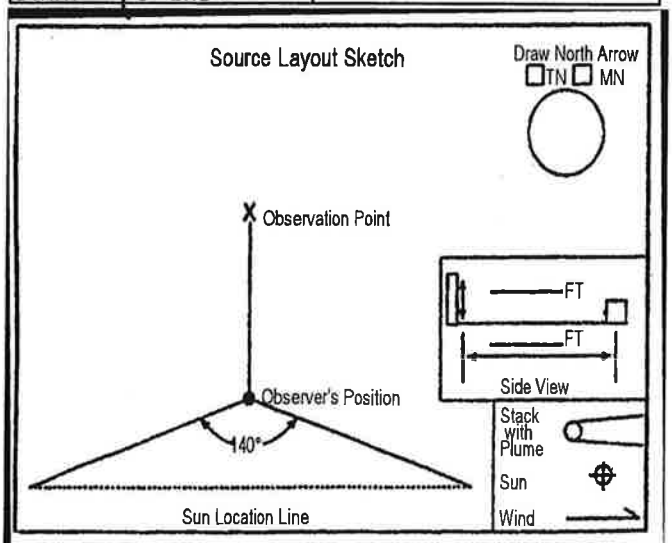
| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 1/11/13 | 0230 | 0300 |

| MIN \ SEC | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 5 | 5 | 5 | 5 | NO LOADING |
| 2 | 5 | 5 | 5 | 5 | ↓ ↓ |
| 3 | 10 | 5 | 5 | 5 | LOADING |
| 4 | 5 | 5 | 5 | 5 | NO LOADING |
| 5 | 5 | 5 | 5 | 5 | ↓ ↓ |
| 6 | 5 | 5 | 5 | 5 | |
| 7 | 5 | 5 | 5 | 5 | |
| 8 | 5 | 5 | 5 | 5 | |
| 9 | 5 | 5 | 5 | 5 | |
| 10 | 5 | 5 | 5 | 5 | |
| 11 | 5 | 5 | 5 | 5 | ↓ ↓ |
| 12 | 10 | 5 | 5 | 10 | LOADING |
| 13 | 10 | 10 | 5 | 5 | NO LOADING |
| 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 | 10 | 10 | 10 | LOADING |
| 23 | 10 | 10 | 10 | 5 | ↓ ↓ |
| 24 | 10 | 10 | 10 | 5 | |
| 25 | 5 | 5 | 5 | 10 | ↓ ↓ |
| 26 | 5 | 5 | 5 | 5 | NO LOADING |
| 27 | 5 | 5 | 5 | 5 | ↓ ↓ |
| 28 | 5 | 5 | 5 | 5 | |
| 29 | 5 | 5 | 5 | 5 | |
| 30 | 5 | 5 | 5 | 5 | ↓ ↓ |

| | |
|---|---|
| OBSERVER'S NAME (PRINT) | JOE M ACOSTA |
| OBSERVER'S SIGNATURE | JMA — DATE 1/11/13 |
| ORGANIZATION | NYC DEP |
| CERTIFIED BY | DATE |

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

| | |
|---|---|
| COMPANY NAME | ECC |
| LOCATION | F.B.F. |
| LOCATION | |
| CITY | BKlyn |
| STATE | NY |
| ZIP | |
| PROCESS EQUIPMENT | Incinirator |
| OPERATING MODE | |
| CONTROL EQUIPMENT | |
| OPERATING MODE | |
| DESCRIBE EMISSION POINT | |
| HEIGHT OF EMISSION POINT | 6' TO 7' |
| 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 Smoke END |
| EMISSION COLOR | START White END |
| WATER DROPLET PLUME | ATTACHED ☐ DETACHED ☐ NONE ☐ |
| DESCRIBE PLUME BACKGROUND | START END |
| BACKGROUND COLOR | START END |
| SKY CONDITIONS | START NIGHT END |
| WIND SPEED | START 0 TO 3 mph END |
| WIND DIRECTION | START N.W. END |
| AMBIENT TEMP | START 40° END F |
| WET BULB TEMP | RH percent |




ADDITIONAL INFORMATION

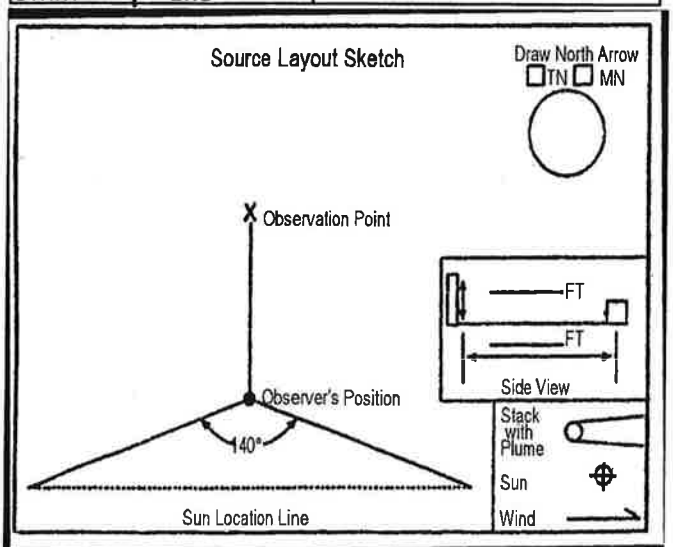
| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 1/11/13 | 0300 | 0330 |

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

| | |
|---|---|
| OBSERVER'S NAME (PRINT) | JOE M ACOSTA |
| OBSERVER'S SIGNATURE | [signature] |
| DATE | 1/11/13 |
| ORGANIZATION | NYC DEP |
| CERTIFIED BY | |
| DATE | |

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

| | |
|---|---|
| COMPANY NAME | ECC |
| LOCATION | F.B.F |
| LOCATION | |
| CITY | BKLYN |
| STATE | NY |
| ZIP | |
| PROCESS EQUIPMENT | INCINERATOR |
| OPERATING MODE | |
| CONTROL EQUIPMENT | |
| OPERATING MODE | |
| DESCRIBE EMISSION POINT | |
| HEIGHT OF EMISSION POINT | 6' TO 7' |
| HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER | START END |
| DISTANCE TO EMISSION POINT | START 100 END FT |
| 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 Smoke END |
| EMISSION COLOR | START White END |
| WATER DROPLET PLUME | ATTACHED ☐ DETACHED ☐ NONE ☐ |
| DESCRIBE PLUME BACKGROUND | START END |
| BACKGROUND COLOR | START END |
| SKY CONDITIONS | START NIGHT END |
| WIND SPEED | START 0 TO 3 MPH END |
| WIND DIRECTION | START NW END |
| AMBIENT TEMP | START 40 °F END |
| WET BULB TEMP / RH percent | |




ADDITIONAL INFORMATION

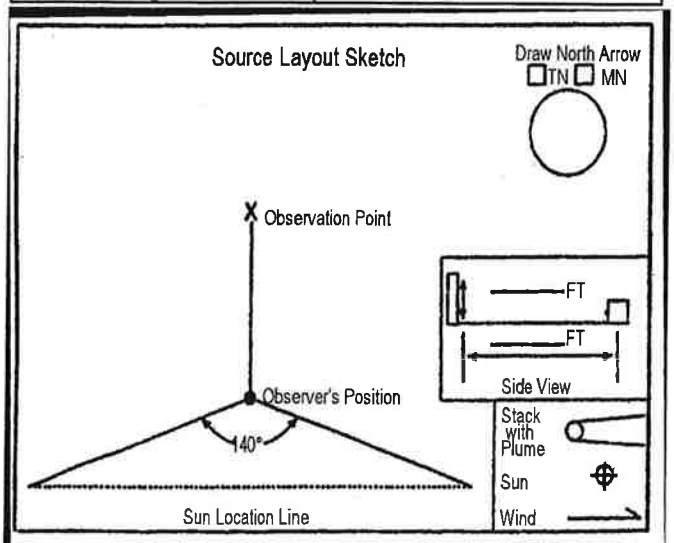
| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 1/11/13 | 0330 | 0400 |

| MIN \ SEC | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 20 | 25 | 25 | 20 | LOADING |
| 2 | 25 | 25 | 30 | 30 | |
| 3 | 30 | 25 | 25 | 20 | |
| 4 | 30 | 40 | 45 | 45 | |
| 5 | 25 | 25 | 20 | 20 | |
| 6 | 15 | 15 | 15 | 15 | |
| 7 | 20 | 25 | 25 | 15 | |
| 8 | 15 | 10 | 10 | 10 | |
| 9 | 10 | 10 | 10 | 10 | |
| 10 | 10 | 10 | 10 | 10 | |
| 11 | 10 | 10 | 10 | 10 | |
| 12 | 15 | 10 | 10 | 10 | |
| 13 | 5 | 5 | 10 | 10 | |
| 14 | 10 | 10 | 10 | 15 | |
| 15 | 10 | 10 | 10 | 10 | |
| 16 | 10 | 10 | 10 | 10 | |
| 17 | 15 | 10 | 10 | 10 | |
| 18 | 20 | 25 | 20 | 20 | |
| 19 | 15 | 15 | 10 | 10 | |
| 20 | 10 | 10 | 10 | 10 | |
| 21 | 15 | 15 | 15 | 10 | |
| 22 | 10 | 10 | 10 | 10 | |
| 23 | 5 | 5 | 5 | 10 | |
| 24 | 5 | 5 | 10 | 10 | |
| 25 | 5 | 5 | 5 | 5 | NO LOADING |
| 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) | JOE M AUGSTA |
| OBSERVER'S SIGNATURE | DATE 1/11/13 |
| ORGANIZATION | NYC DEP |
| CERTIFIED BY | DATE |

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

| | |
|---|---|
| COMPANY NAME | ECC |
| LOCATION | F.B.I. |
| LOCATION | |
| CITY | BKlyn |
| STATE | NY |
| ZIP | |
| PROCESS EQUIPMENT | INCINERATOR |
| OPERATING MODE | |
| CONTROL EQUIPMENT | |
| OPERATING MODE | |
| DESCRIBE EMISSION POINT | |
| HEIGHT OF EMISSION POINT | 6' TO 7' |
| HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER | START END |
| DISTANCE TO EMISSION POINT | START 100FT 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 SMOKE END |
| EMISSION COLOR | START WHITE END |
| WATER DROPLET PLUME | ATTACHED ☐ DETACHED ☐ NONE ☐ |
| DESCRIBE PLUME BACKGROUND | START END |
| BACKGROUND COLOR | START END |
| SKY CONDITIONS | START NIGHT END |
| WIND SPEED | START 0 TO 3 MPH END |
| WIND DIRECTION | START N.W. END |
| AMBIENT TEMP | START 40 END °F |
| WET BULB TEMP | RH percent |




ADDITIONAL INFORMATION

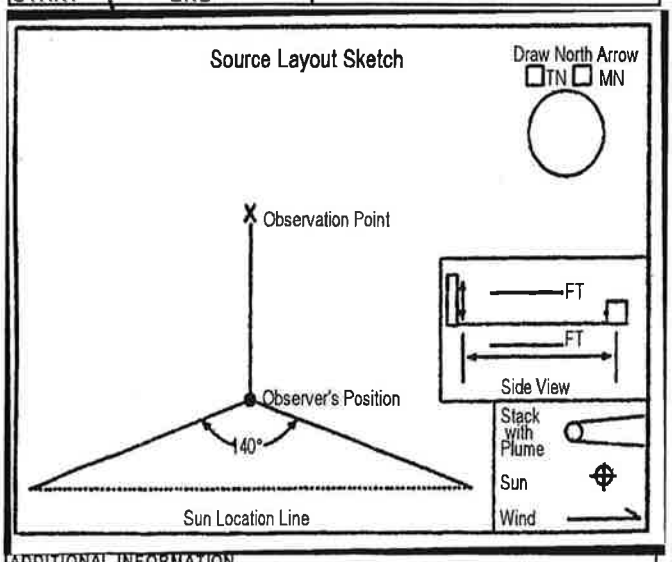
| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 1/11/13 | 0400 | 0430 |

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

| | |
|---|---|
| OBSERVER'S NAME (PRINT) | JOE M ACOSTA |
| OBSERVER'S SIGNATURE | JMa — DATE 1/11/13 |
| ORGANIZATION | NYC DEP |
| CERTIFIED BY | DATE |

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

| | |
|---|---|
| COMPANY NAME | ECC |
| LOCATION | F.B.F. |
| LOCATION | |
| CITY | BKlyn |
| STATE | NY |
| ZIP | |
| PROCESS EQUIPMENT | INCINIRATOR |
| OPERATING MODE | |
| CONTROL EQUIPMENT | |
| OPERATING MODE | |
| DESCRIBE EMISSION POINT | |
| HEIGHT OF EMISSION POINT | 6' TO 7' |
| HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER | START END |
| DISTANCE TO EMISSION POINT | START 100 FT 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 Smoke END |
| EMISSION COLOR | START WHITE END |
| WATER DROPLET PLUME | ATTACHED ☐ DETACHED ☐ NONE ☐ |
| DESCRIBE PLUME BACKGROUND | START END |
| BACKGROUND COLOR | START END |
| SKY CONDITIONS | START NIGHT END |
| WIND SPEED | START 0 TO 3 END mph |
| WIND DIRECTION | START N.W END |
| AMBIENT TEMP | START 40° F END |
| WET BULB TEMP | RH percent |




ADDITIONAL INFORMATION

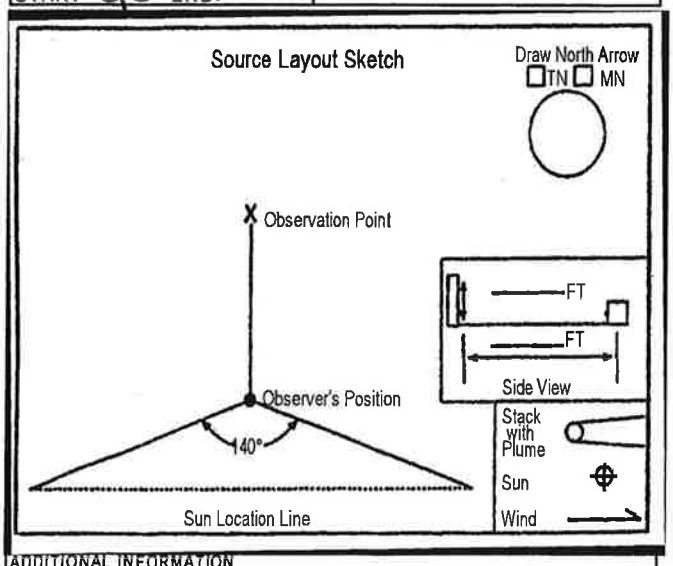
| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 1/11/13 | 0430 | 0500 |

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

| | |
|---|---|
| OBSERVER'S NAME (PRINT) | JOE M ACOSTA |
| OBSERVER'S SIGNATURE | JMA |
| DATE | 1/11/13 |
| ORGANIZATION | NYC DEP |
| CERTIFIED BY | |
| DATE | |

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

| | |
|---|---|
| COMPANY NAME | ECC |
| LOCATION | F. B. F. |
| LOCATION | |
| CITY | BKLYN |
| STATE | NY |
| ZIP | |
| PROCESS EQUIPMENT | INCINERATOR |
| OPERATING MODE | |
| CONTROL EQUIPMENT | |
| OPERATING MODE | |
| DESCRIBE EMISSION POINT | |
| HEIGHT OF EMISSION POINT | 6' TO 7' |
| 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 | Smoke START END |
| EMISSION COLOR | WHITE START END |
| WATER DROPLET PLUME | ATTACHED ☐ DETACHED ☐ NONE ☐ |
| DESCRIBE PLUME BACKGROUND | START END |
| BACKGROUND COLOR | START END |
| SKY CONDITIONS | NIGHT START END |
| WIND SPEED | 0 TO 3 mph START END |
| WIND DIRECTION | N.W START END |
| AMBIENT TEMP | 40 F START END |
| WET BULB TEMP | RH percent |




ADDITIONAL INFORMATION

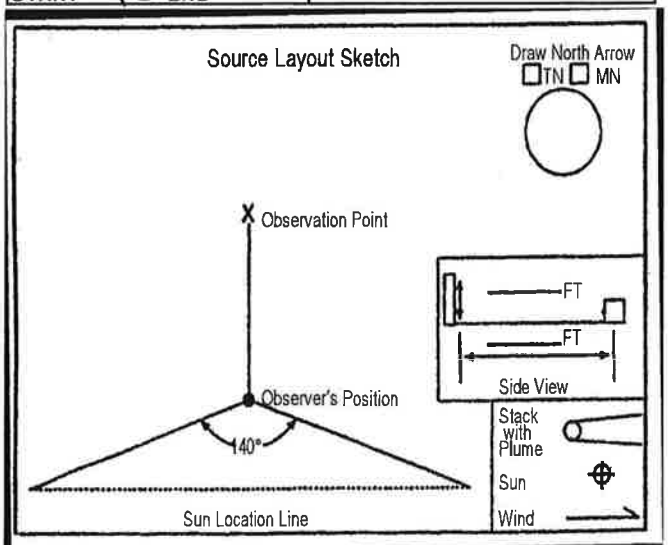
| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 1/11/13 | 0500 | 0530 |

| MIN \ SEC | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 50 | 50 | 45 | 45 | LOADING |
| 2 | 40 | 30 | 45 | 50 | |
| 3 | 45 | 40 | 35 | 35 | |
| 4 | 20 | 15 | 15 | 10 | |
| 5 | 15 | 15 | 10 | 10 | |
| 6 | 15 | 15 | 10 | 10 | |
| 7 | 10 | 10 | 10 | 10 | |
| 8 | 15 | 15 | 10 | 10 | |
| 9 | 15 | 15 | 15 | 10 | |
| 10 | 15 | 15 | 10 | 10 | |
| 11 | 10 | 10 | 10 | 10 | |
| 12 | 15 | 20 | 15 | 10 | |
| 13 | 25 | 15 | 15 | 15 | |
| 14 | 10 | 10 | 10 | 10 | |
| 15 | 10 | 15 | 10 | 10 | |
| 16 | 15 | 15 | 15 | 10 | |
| 17 | 15 | 20 | 15 | 10 | |
| 18 | 15 | 20 | 15 | 15 | |
| 19 | 10 | 10 | 10 | 10 | |
| 20 | 15 | 15 | 15 | 10 | |
| 21 | 10 | 10 | 15 | 15 | |
| 22 | 15 | 15 | 15 | 10 | |
| 23 | 10 | 10 | 10 | 10 | |
| 24 | 15 | 10 | 10 | 10 | |
| 25 | 15 | 15 | 15 | 15 | |
| 26 | 10 | 15 | 15 | 10 | |
| 27 | 10 | 10 | 10 | 10 | |
| 28 | 10 | 10 | 10 | 10 | |
| 29 | 10 | 10 | 10 | 15 | |
| 30 | 10 | 10 | 10 | 10 | |

| | |
|---|---|
| OBSERVER'S NAME (PRINT) | JOE M ACOSTA |
| OBSERVER'S SIGNATURE | DATE 1/11/13 |
| ORGANIZATION | NYC DEP |
| CERTIFIED BY | DATE |

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

| | |
|---|---|
| COMPANY NAME | ECC |
| LOCATION | F.B.F |
| LOCATION | |
| CITY | BKlyn |
| STATE | NY |
| ZIP | |
| PROCESS EQUIPMENT | INCINERATOR |
| OPERATING MODE | |
| CONTROL EQUIPMENT | |
| OPERATING MODE | |
| DESCRIBE EMISSION POINT | |
| HEIGHT OF EMISSION POINT | 6' TO 7' |
| HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER | START END |
| DISTANCE TO EMISSION POINT | START 100 FT 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 Smoke END |
| EMISSION COLOR | START WHITE END |
| WATER DROPLET PLUME | ATTACHED ☐ DETACHED ☐ NONE ☐ |
| DESCRIBE PLUME BACKGROUND | START END |
| BACKGROUND COLOR | START END |
| SKY CONDITIONS | START NIGHT END |
| WIND SPEED | START 0 TO 3 END MPH |
| WIND DIRECTION | START NW END |
| AMBIENT TEMP | START 45° END F |
| WET BULB TEMP | RH percent |




ADDITIONAL INFORMATION

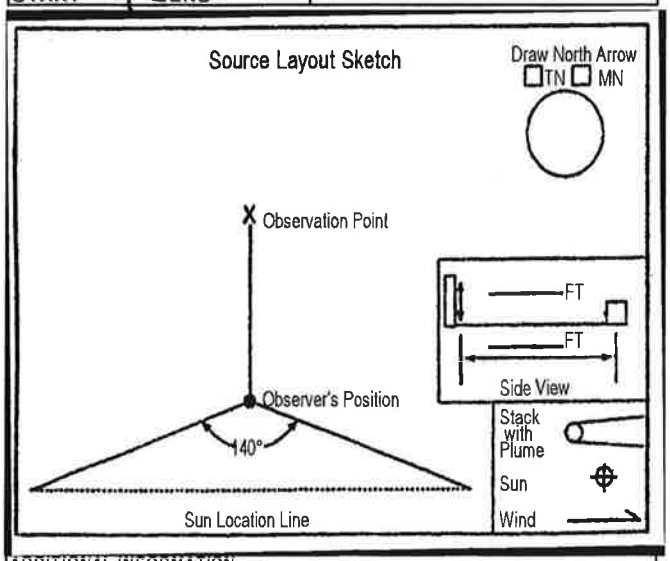
| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 1/11/13 | 0530 | 0600 |

| MIN \ SEC | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 10 | 5 | 5 | 5 | NO LOADING |
| 2 | 5 | 5 | 5 | 5 | ↓ ↓ |
| 3 | 5 | 5 | 5 | 5 | |
| 4 | 10 | 10 | 10 | 15 | LOADING |
| 5 | 10 | 10 | 10 | 10 | |
| 6 | 15 | 15 | 10 | 10 | |
| 7 | 15 | 15 | 15 | 10 | |
| 8 | 10 | 10 | 10 | 15 | |
| 9 | 10 | 10 | 10 | 10 | |
| 10 | 10 | 10 | 15 | 15 | |
| 11 | 15 | 10 | 10 | 10 | |
| 12 | 10 | 10 | 15 | 15 | |
| 13 | 10 | 10 | 10 | 10 | |
| 14 | 15 | 15 | 15 | 15 | |
| 15 | 15 | 10 | 10 | 10 | |
| 16 | 10 | 10 | 10 | 10 | |
| 17 | 10 | 10 | 10 | 10 | |
| 18 | 15 | 10 | 10 | 10 | |
| 19 | 15 | 15 | 15 | 15 | |
| 20 | 10 | 15 | 15 | 10 | |
| 21 | 10 | 10 | 10 | 10 | |
| 22 | 15 | 10 | 10 | 15 | |
| 23 | 20 | 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 | 5 | 5 | 5 | 5 | NO LOADING |

| | |
|---|---|
| OBSERVER'S NAME (PRINT) | JOE M ACOSTA |
| OBSERVER'S SIGNATURE | JMA |
| DATE | 1/11/13 |
| ORGANIZATION | NYC DEP |
| CERTIFIED BY | |
| DATE | |

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

| | |
|---|---|
| COMPANY NAME | ECC |
| LOCATION | F.B.F. |
| LOCATION | |
| CITY | Bklyn |
| STATE | NY |
| ZIP | |
| PROCESS EQUIPMENT | Incinirator |
| OPERATING MODE | |
| CONTROL EQUIPMENT | |
| OPERATING MODE | |
| DESCRIBE EMISSION POINT | |
| HEIGHT OF EMISSION POINT | 6' To 7' |
| 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 | Smoke START END |
| EMISSION COLOR | WHite START END |
| WATER DROPLET PLUME | ATTACHED ☐ DETACHED ☐ NONE ☐ |
| DESCRIBE PLUME BACKGROUND | START END |
| BACKGROUND COLOR | START END |
| SKY CONDITIONS | NIGHT START END |
| WIND SPEED | 0 TO 3 MPH START END |
| WIND DIRECTION | N.W START END |
| AMBIENT TEMP | 45° F START END |
| WET BULB TEMP | RH percent |




ADDITIONAL INFORMATION

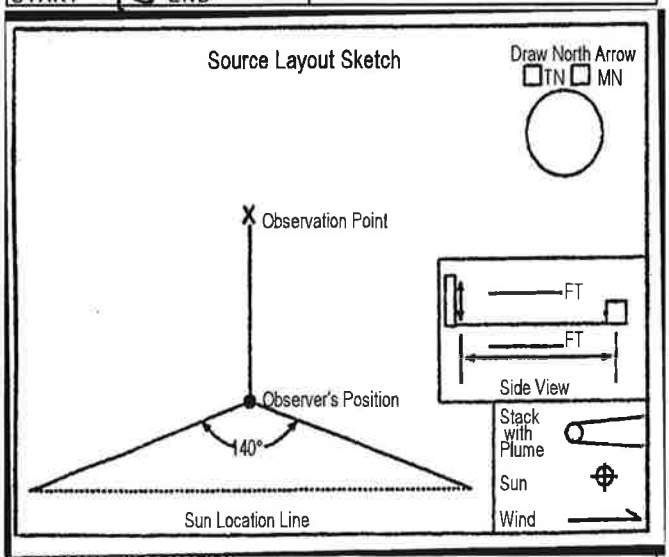
| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 1/11/13 | 0600 | 0630 |

| MIN \ SEC | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 5 | 5 | 5 | 5 | NO LOADING |
| 2 | 5 | 5 | 5 | 5 | |
| 3 | 5 | 5 | 5 | 5 | |
| 4 | 5 | 5 | 5 | 5 | |
| 5 | 5 | 5 | 5 | 5 | |
| 6 | 5 | 5 | 5 | 5 | |
| 7 | 5 | 5 | 5 | 5 | |
| 8 | 5 | 5 | 5 | 5 | |
| 9 | 5 | 5 | 5 | 5 | |
| 10 | 5 | 5 | 5 | 5 | |
| 11 | 5 | 5 | 5 | 5 | |
| 12 | 5 | 5 | 5 | 5 | |
| 13 | 5 | 5 | 5 | 5 | |
| 14 | 5 | 5 | 5 | 5 | |
| 15 | 5 | 5 | 5 | 5 | |
| 16 | 5 | 5 | 5 | 5 | |
| 17 | 5 | 5 | 5 | 5 | |
| 18 | 5 | 5 | 5 | 5 | |
| 19 | 5 | 5 | 5 | 5 | |
| 20 | 5 | 5 | 5 | 5 | |
| 21 | 5 | 5 | 5 | 5 | |
| 22 | 5 | 5 | 5 | 5 | |
| 23 | 5 | 5 | 5 | 5 | |
| 24 | 5 | 5 | 5 | 5 | |
| 25 | 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) | JOE M ACOSTA |
| OBSERVER'S SIGNATURE | JMA — DATE 1/11/13 |
| ORGANIZATION | NYC DEP |
| CERTIFIED BY | DATE |

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

| | |
|---|---|
| COMPANY NAME | ECC |
| LOCATION | FBF |
| LOCATION | |
| CITY | BKlyn |
| STATE | NY |
| ZIP | |
| PROCESS EQUIPMENT | Incinerator |
| OPERATING MODE | |
| CONTROL EQUIPMENT | |
| OPERATING MODE | |
| DESCRIBE EMISSION POINT | |
| HEIGHT OF EMISSION POINT | 6' To 7' |
| HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER | START END |
| DISTANCE TO EMISSION POINT | START 100 FT. 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 Smoke END |
| EMISSION COLOR | START White END |
| WATER DROPLET PLUME | ATTACHED ☐ DETACHED ☐ NONE ☐ |
| DESCRIBE PLUME BACKGROUND | START END |
| BACKGROUND COLOR | START END |
| SKY CONDITIONS | START NIGHT END |
| WIND SPEED | START 0 END To 3 mph |
| WIND DIRECTION | START N.W. END |
| AMBIENT TEMP | START 45 END °F |
| WET BULB TEMP | RH percent |




ADDITIONAL INFORMATION

| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 1/11/13 | 0630 | 0700 |

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

| | |
|---|---|
| OBSERVER'S NAME (PRINT) | JOE M ACOSTA |
| OBSERVER'S SIGNATURE | JMA — DATE 1/11/13 |
| ORGANIZATION | NYC DEP |
| CERTIFIED BY | DATE |

1

# VISIBLE EMISSION OBSERVATION FORM

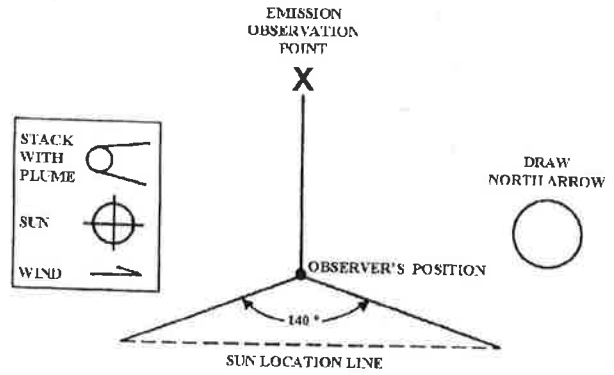
| | | |
|---|---|---|
| Company Name | | |
| Location | | |
| City | State | Zip |
| Process Equipment | | Operating Mode |
| Control Equipment | | Operating Mode |
| Describe Emission Point | | |
| Height of Emission Point | Height Relative to Observer<br>Start End | |
| Distance to Emission Point<br>Start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

Add Wood

| Observation Date | Start Time | End Time |
|---|---|---|
| 01-11-13 | @700 | 0730 |

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

## SOURCE LAYOUT SKETCH




| | |
|---|---|
| Observer's Name (Print)<br>Eric Gregorius | |
| Observer's Signature<br>Eric Gregorius | Date<br>01-11-13 |
| Organization | |
| Certified by | Date |

Additional Information: Unit #1 Down for Repairs

Continue on reverse side

1

2

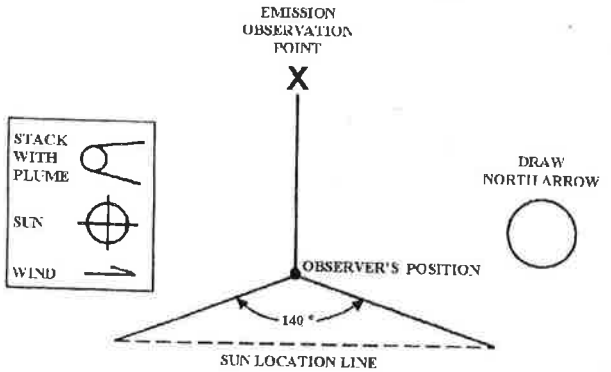
# VISIBLE EMISSION OBSERVATION FORM

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

| Observation Date | Start Time | End Time |
|---|---|---|
| 01-11-13 | 0731 | 0800 |

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

## SOURCE LAYOUT SKETCH




| | |
|---|---|
| Observer's Name (Print)<br>Eric Gregorius | |
| Observer's Signature<br>Eric Gregorius | Date<br>01-11-13 |
| Organization | |
| Certified by | Date |

Additional Information
Two Units Running

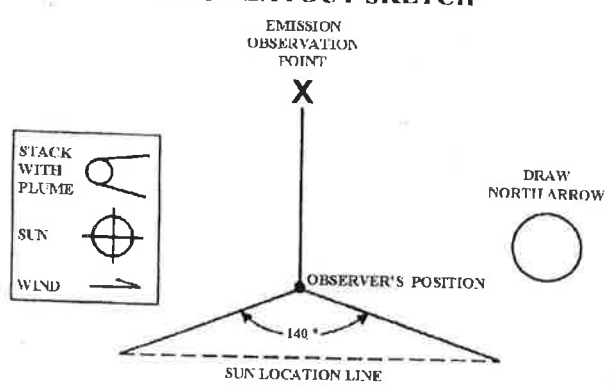
Continue on reverse side

2

# VISIBLE EMISSION OBSERVATION FORM

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

## SOURCE LAYOUT SKETCH




| Observation Date | Start Time | End Time |
|---|---|---|
| 01-11-13 | 0801 | 0830 |

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

| | |
|---|---|
| Observer's Name (Print)<br>Eric Gregorius | |
| Observer's Signature<br>Eric Gregorius | Date<br>01-11-13 |
| Organization | |
| Certified by | Date |

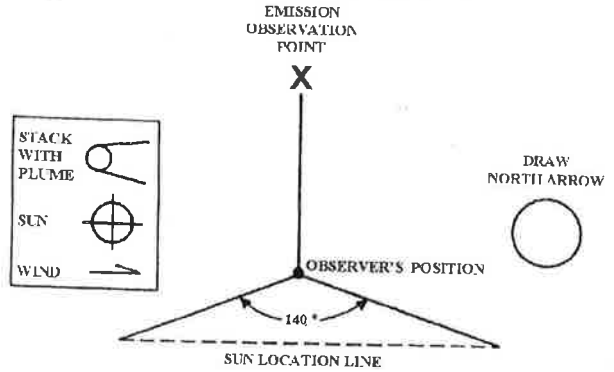
Additional Information

Continue on reverse side

# VISIBLE EMISSION OBSERVATION FORM

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

## SOURCE LAYOUT SKETCH




| Observation Date | Start Time | End Time |
|---|---|---|
| 01-11-13 | 0831 | 0900 |

| Min \ Sec | 0 | 15 | 30 | 45 | | Comments |
|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 5 | 5 | | #1 0.0.0.0 |
| 2 | 5 | 0 | 0 | 0 | | 0.0.0.0 |
| 3 | 0 | 0 | 0 | 0 | | 5.0.0.0 |
| 4 | 0 | 0 | 0 | 0 | | 0 0 0 0 |
| 5 | 0 | 5 | 5 | 0 | | 0 5.5.0 |
| 6 | 0 | 0 | 0 | 0 | | #1 0.0.0.10 |
| 7 | 0 | 0 | 0 | 0 | | 5.0.0.0 |
| 8 | 0 | 0 | 0 | 0 | | 0 0 0 0 |
| 9 | 0 | 0 | 5 | 5 | | 0 0 0 0 |
| 10 | 5 | 0 | 0 | 0 | | #1 0 0 10 5 |
| 11 | 0 | 0 | 0 | 0 | | 5.0.0.0 |
| 12 | 0 | 5 | 5 | 5 | | 0 0.0.0 |
| 13 | 0 | 0 | 0 | 0 | | #1 0.0.0.0 |
| 14 | 0 | 0 | 0 | 0 | | 5.5.0.0 |
| 15 | 0 | 0 | 0 | 0 | | 0 0 0 0 |
| 16 | 10 | 5 | 0 | 0 | | 0 0 0 5 |
| 17 | 0 | 0 | 0 | 0 | | #1 5.5.0.0 |
| 18 | 0 | 0 | 5 | 5 | | 0 0 0 0 |
| 19 | 5 | 0 | 0 | 0 | | #1 0 0 0 0 |
| 20 | 0 | 0 | 0 | 0 | | 5 5.5.0 |
| 21 | 0 | 0 | 0 | 0 | | 0.0.0.0 |
| 22 | 0 | 0 | 10 | 5 | | #1 0.0.0.0 |
| 23 | 5 | 0 | 0 | 0 | | 0.10.5.0 |
| 24 | 0 | 0 | 0 | 0 | | 0.0.0.0 |
| 25 | 0 | 0 | 0 | 0 | | #1 10.5.0 0 |
| 26 | 0 | 0 | 0 | 0 | | 0.0.0.0 |
| 27 | 0 | 5 | 5 | 0 | | #1 10.5.0 0 |
| 28 | 0 | 0 | 0 | 0 | | 5.5.5 0 |
| 29 | 0 | 5 | 5 | 0 | | |
| 30 | 0 | 0 | 0 | 0 | | #1 5.5.5.5 |

| | |
|---|---|
| Observer's Name (Print)<br>Eric Gregorius | |
| Observer's Signature<br>Eric Gregorius | Date<br>01.11.13 |
| Organization | |
| Certified by | Date |

Additional Information

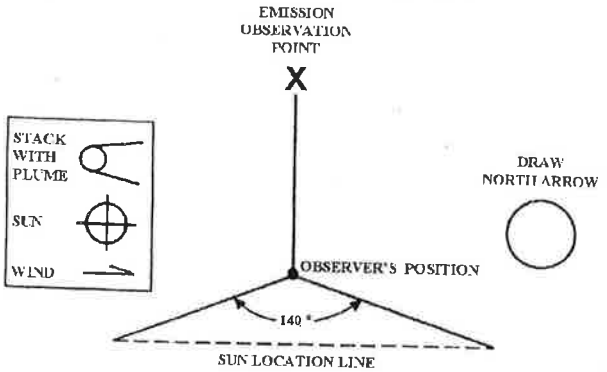
Continue on reverse side

5

# VISIBLE EMISSION OBSERVATION FORM

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

## SOURCE LAYOUT SKETCH




| Observation Date | Start Time | End Time |
|---|---|---|
| 01-11-13 | 0901 | 0930 |

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

| | |
|---|---|
| Observer's Name (Print)<br>Eric Gregorius | |
| Observer's Signature<br>Eric Gregorius | Date<br>01-11-13 |
| Organization | |
| Certified by | Date |

Additional Information

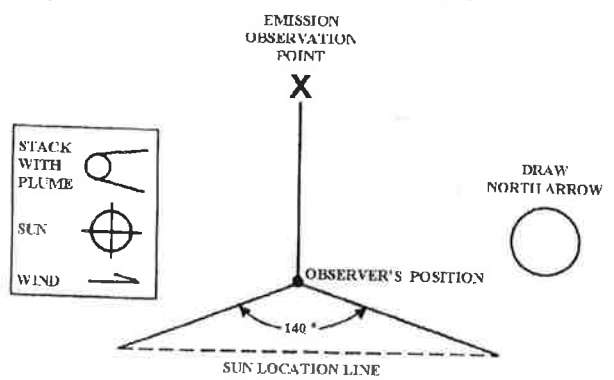
Continue on reverse side

5

# VISIBLE EMISSION OBSERVATION FORM

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

## SOURCE LAYOUT SKETCH




| Observation Date | Start Time | End Time |
|---|---|---|
| 01-11-13 | 0931 | 1000 |

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

| | |
|---|---|
| Observer's Name (Print)<br>Eric Gregorius | |
| Observer's Signature<br>Eric Gregorius | Date<br>01·11·13 |
| Organization | |
| Certified by | Date |

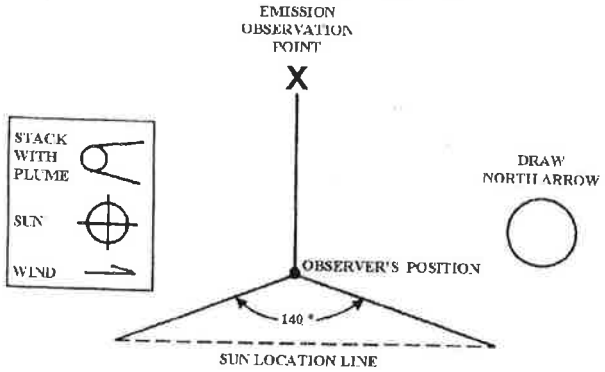
Additional Information

Continue on reverse side

# VISIBLE EMISSION OBSERVATION FORM

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

## SOURCE LAYOUT SKETCH




| Observation Date | Start Time | End Time |
|---|---|---|
| 01-11-13 | 10:01 | 10:30 |

| Min \ Sec | 0 | 15 | 30 | 45 | | Comments |
|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | | #1 0.0.0.0 |
| 2 | 0 | 0 | 0 | 0 | | 0.0.0.0 |
| 3 | 0 | 0 | 0 | 0 | | 0.0.0.0 |
| 4 | 0 | 0 | 0 | 0 | | 0.0.0.0 |
| 5 | 0 | 0 | 0 | 0 | | #1 0.0.0.0 |
| 6 | 0 | 0 | 0 | 0 | | 0.0.0.0 |
| 7 | 0 | 0 | 0 | 0 | | 0.0.0.0 |
| 8 | 5 | 5 | 5 | 0 | Stir | 0.0.0.0 |
| 9 | 0 | 5 | 5 | 5 | Add Wind | 0.0.0.0 |
| 10 | 0 | 0 | 0 | 0 | | #1 0.0.0.0 |
| 11 | 0 | 0 | 0 | 0 | | 0.0.0.0 |
| 12 | 0 | 0 | 0 | 0 | | 0.5.10.5 Add wind |
| 13 | 0 | 0 | 0 | 0 | | 0.0.0.0 |
| 14 | 0 | 0 | 0 | 0 | | 0.0.0.0 |
| 15 | 0 | 0 | 0 | 0 | | #1 0.0.0.0 |
| 16 | 0 | 0 | 0 | 0 | | 0 0 0 0 |
| 17 | 0 | 0 | 0 | 0 | | 0.0.5.5 |
| 18 | 5 | 5 | 0 | 0 | | 0.0.0.0 |
| 19 | 0 | 0 | 0 | 0 | | 0.0.0.0 |
| 20 | 0 | 0 | 0 | 0 | | #1 0.0.5.5 |
| 21 | 0 | 0 | 0 | 0 | | 5.5.5.0 |
| 22 | 0 | 0 | 0 | 0 | | 0.0.0.0 |
| 23 | 5 | 5 | 5 | 0 | | 0.0.0.0 |
| 24 | 0 | 0 | 0 | 0 | | 0.0.0.0 |
| 25 | 0 | 5 | 5 | 0 | | #1 0.0.0.0 |
| 26 | 0 | 0 | 0 | 0 | | 0 0 0.5 |
| 27 | 0 | 0 | 0 | 0 | | 5.5.5.5 Add wind |
| 28 | 0 | 5 | 5 | 5 | | 0.0.0.0 |
| 29 | 0 | 0 | 0 | 0 | | 0.0.0.0 |
| 30 | 0 | 5 | 5 | 0 | | #1 5.5.0.0 |

| | |
|---|---|
| Observer's Name (Print)<br>Eric Gregorius | |
| Observer's Signature<br>Eric Gregorius | Date<br>01-11-13 |
| Organization | |
| Certified by | Date |

Additional Information

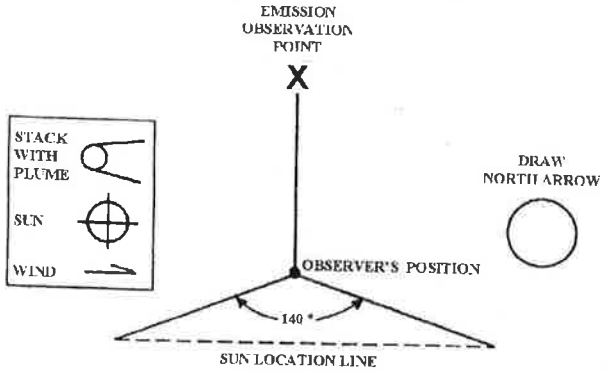
Continue on reverse side

8

# VISIBLE EMISSION OBSERVATION FORM

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

## SOURCE LAYOUT SKETCH




| Observation Date | Start Time | End Time |
|---|---|---|
| 01-11-13 | 1031 | 1100 |

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

| | |
|---|---|
| Observer's Name (Print)<br>Eric Gregorius | |
| Observer's Signature<br>Eric Gregorius | Date<br>01-11-13 |
| Organization | |
| Certified by | Date |

Additional Information

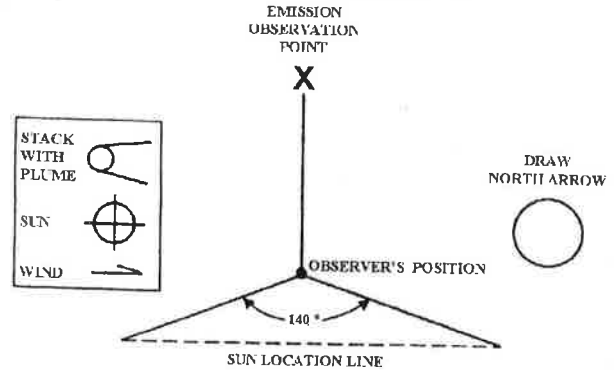
Continue on reverse side

8

# VISIBLE EMISSION OBSERVATION FORM

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

## SOURCE LAYOUT SKETCH




| Observation Date | Start Time | End Time |
|---|---|---|
| 01·11·13 | 1101 | 1130 |

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

| | |
|---|---|
| Observer's Name (Print)<br>Eric Gregorius | |
| Observer's Signature<br>Eric Gregorius | Date<br>01·11·13 |
| Organization | |
| Certified by | Date |

Additional Information

Continue on reverse side