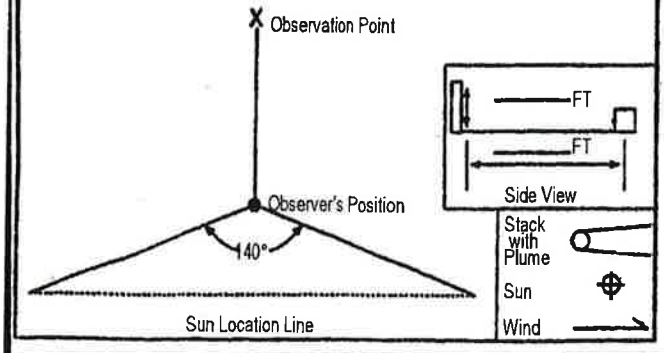
# EPA METHOD 9 (40 CFR 60 - Appendix A)
# VISIBLE EMISSION OBSERVATION FORM

D

| | | |
|---|---|---|
| COMPANY NAME: E.C.C | | |
| 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 | |

Source Layout Sketch

Draw North Arrow ☐TN ☐MN




ADDITIONAL INFORMATION

OBSERVATION DATE: 2/2/13 | START TIME: 600 | END TIME: 630

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

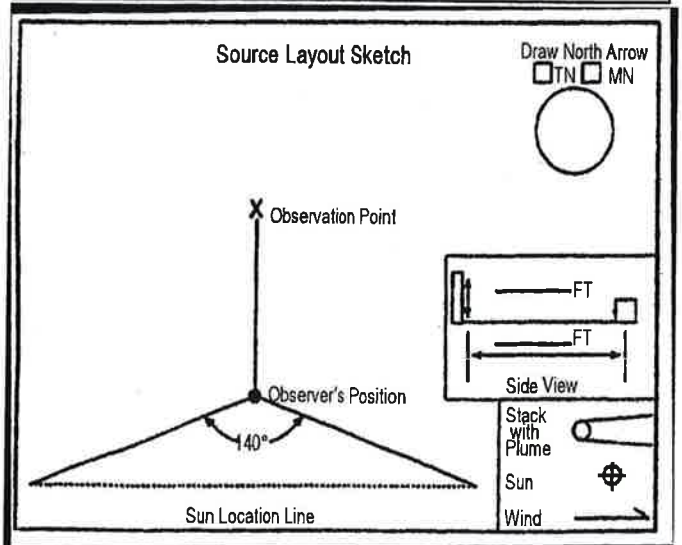
| | |
|---|---|
| OBSERVER'S NAME (PRINT): H. Hajari | |
| OBSERVER'S SIGNATURE | DATE: 2/2/13 |
| ORGANIZATION: N.Y.C DEP | |
| CERTIFIED BY | DATE |

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

18

| | | |
|---|---|---|
| COMPANY NAME: E.C.C | | |
| 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 | |

Source Layout Sketch




ADDITIONAL INFORMATION

| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 2/2/13 | 1430 | 1500 |

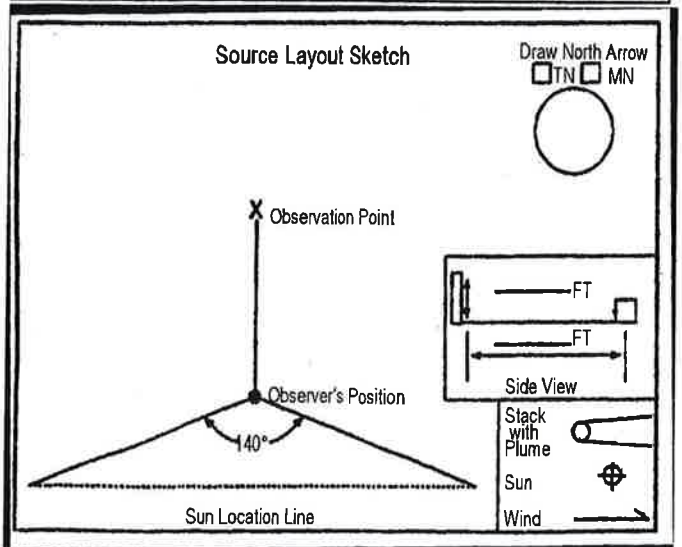
| SEC / MIN | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 5 | 5 | 5 | 5 | |
| 2 | 5 | 5 | 5 | 5 | |
| 3 | 5 | 5 | 5 | 5 | |
| 4 | 5 | 5 | 5 | 5 | |
| 5 | 5 | 5 | 5 | 0 | |
| 6 | 5 | 5 | 5 | 5 | |
| 7 | 5 | 10 | 10 | 5 | |
| 8 | 10 | 10 | 10 | 5 | |
| 9 | 10 | 5 | 10 | 10 | |
| 10 | 5 | 10 | 10 | 10 | |
| 11 | 5 | 5 | 5 | 5 | |
| 12 | 5 | 5 | 5 | 5 | |
| 13 | 5 | 5 | 5 | 5 | |
| 14 | 5 | 10 | 10 | 5 | |
| 15 | 5 | 5 | 5 | 5 | |
| 16 | 10 | 5 | 5 | 5 | |
| 17 | 5 | 5 | 10 | 10 | |
| 18 | 5 | 5 | 5 | 5 | |
| 19 | 10 | 10 | 5 | 10 | |
| 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): M. Hajari | |
| OBSERVER'S SIGNATURE | DATE: 2/2/13 |
| ORGANIZATION: NYC DEP | |
| CERTIFIED BY | DATE |

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

19

| | | |
|---|---|---|
| COMPANY NAME: E.C.C | | |
| 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 |
|---|---|---|
| 2/2/13 | 1500 | 1530 |

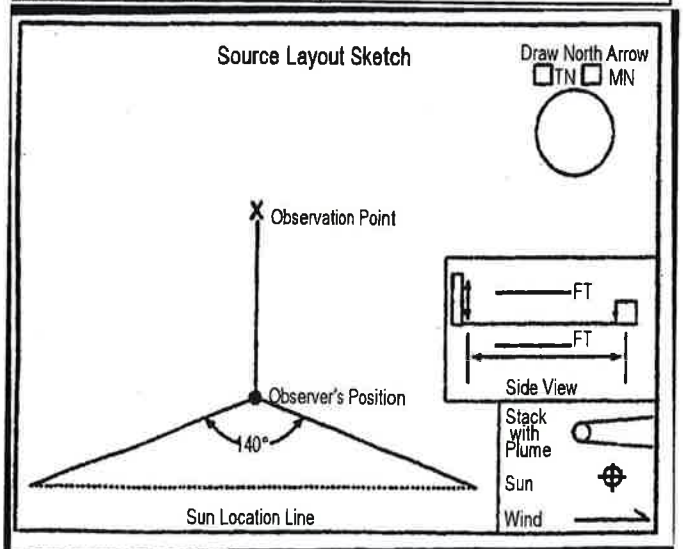
| SEC / MIN | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 5 | 5 | 5 | 10 | |
| 2 | 10 | 5 | 10 | 10 | |
| 3 | 5 | 10 | 10 | 10 | |
| 4 | 10 | 15 | 15 | 10 | |
| 5 | 15 | 20 | 20 | 20 | Loading |
| 6 | 20 | 25 | 25 | 20 | |
| 7 | 15 | 20 | 25 | 25 | |
| 8 | 30 | 30 | 35 | 30 | |
| 9 | 35 | 25 | 25 | 20 | |
| 10 | 20 | 25 | 25 | 25 | |
| 11 | 20 | 20 | 15 | 20 | |
| 12 | 25 | 30 | 21 | 20 | |
| 13 | 20 | 15 | 15 | 15 | |
| 14 | 15 | 10 | 10 | 10 | Not Loading |
| 15 | 10 | 15 | 10 | 10 | |
| 16 | 10 | 10 | 10 | 5 | |
| 17 | 5 | 5 | 10 | 5 | |
| 18 | 10 | 10 | 5 | 10 | |
| 19 | 15 | 10 | 15 | 10 | |
| 20 | 10 | 5 | 5 | 5 | |
| 21 | 5 | 10 | 15 | 10 | |
| 22 | 10 | 15 | 10 | 10 | |
| 23 | 10 | 5 | 5 | 10 | |
| 24 | 10 | 5 | 10 | 10 | |
| 25 | 10 | 10 | 10 | 10 | |
| 26 | 10 | 5 | 5 | 5 | |
| 27 | 5 | 5 | 5 | 5 | |
| 28 | 10 | 10 | 5 | 10 | |
| 29 | 5 | 5 | 5 | 10 | |
| 30 | 5 | 5 | 5 | 5 | |

| | |
|---|---|
| OBSERVER'S NAME (PRINT): W. Hayati | |
| OBSERVER'S SIGNATURE | DATE: 2/2/13 |
| ORGANIZATION: NYC DEP | |
| CERTIFIED BY | DATE |

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

2a

| | | |
|---|---|---|
| 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 |
|---|---|---|
| 2/2/13 | 1530 | 1630 |

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

| | |
|---|---|
| OBSERVER'S NAME (PRINT): W Hagan | |
| OBSERVER'S SIGNATURE | DATE: 2/2/13 |
| ORGANIZATION: NYC DEP | |
| CERTIFIED BY | DATE |

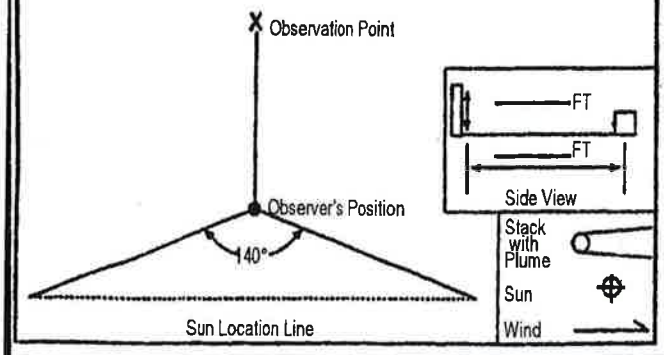
# EPA METHOD 9 (40 CFR 60 - Appendix A)
# VISIBLE EMISSION OBSERVATION FORM

2/

| | | |
|---|---|---|
| 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 | |

Source Layout Sketch

Draw North Arrow ☐TN ☐MN




ADDITIONAL INFORMATION:

| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 2/2/13 | 1600 | 1630 |

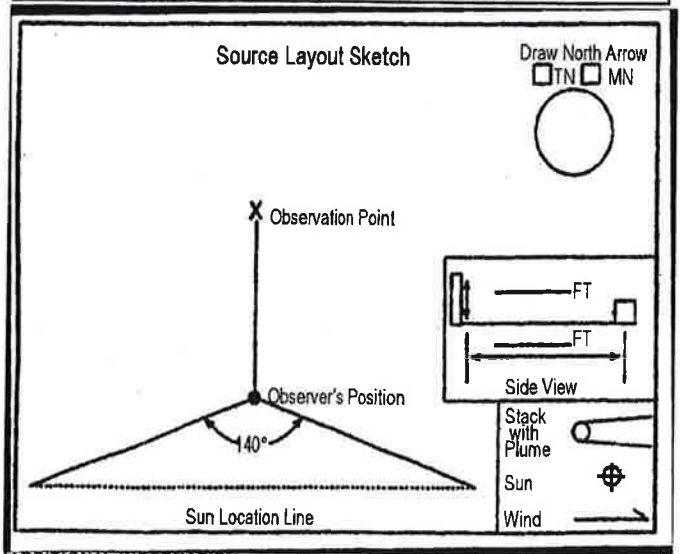
| SEC / MIN | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 5 | 5 | 5 | 5 | |
| 2 | 5 | 5 | 5 | 5 | |
| 3 | 5 | 5 | 5 | 5 | |
| 4 | 5 | 5 | 5 | 5 | |
| 5 | 5 | 5 | 5 | 5 | |
| 6 | 5 | 5 | 5 | 5 | |
| 7 | 5 | 5 | 5 | 5 | |
| 8 | 5 | 5 | 5 | 5 | |
| 9 | 10 | 10 | 5 | 10 | loading |
| 10 | 10 | 10 | 15 | 15 | |
| 11 | 20 | 20 | 15 | 15 | |
| 12 | 15 | 20 | 15 | 20 | |
| 13 | 20 | 20 | 15 | 20 | |
| 14 | 25 | 25 | 20 | 20 | |
| 15 | 15 | 15 | 15 | 15 | |
| 16 | 25 | 30 | 35 | 30 | |
| 17 | 35 | 35 | 25 | 20 | |
| 18 | 25 | 20 | 15 | 15 | |
| 19 | 15 | 10 | 10 | 10 | not loading |
| 20 | 10 | 10 | 10 | 10 | |
| 21 | 10 | 10 | 10 | 10 | |
| 22 | 10 | 5 | 5 | 10 | |
| 23 | 5 | 5 | 5 | 5 | |
| 24 | 5 | 10 | 10 | 5 | |
| 25 | 5 | 10 | 5 | 5 | |
| 26 | 10 | 15 | 10 | 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): V. Hayes | |
| OBSERVER'S SIGNATURE | DATE: 2/2/13 |
| ORGANIZATION: NYC DEP | |
| CERTIFIED BY | DATE |

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

22

| | | |
|---|---|---|
| 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 |
|---|---|---|
| 2/2/13 | 1630 | 1730 |

| SEC / MIN | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 5 | 5 | 5 | 5 | |
| 2 | 5 | 5 | 5 | 5 | |
| 3 | 5 | 5 | 5 | 10 | |
| 4 | 10 | 5 | 5 | 5 | |
| 5 | 5 | 10 | 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 | 10 | 10 | 10 | 10 | loading |
| 14 | 10 | 15 | 15 | 15 | |
| 15 | 15 | 20 | 15 | 20 | |
| 16 | 20 | 20 | 20 | 25 | |
| 17 | 20 | 20 | 20 | 20 | |
| 18 | 20 | 20 | 25 | 20 | |
| 19 | 25 | 25 | 25 | 20 | |
| 20 | 15 | 20 | 20 | 20 | |
| 21 | 20 | 15 | 15 | 20 | |
| 22 | 20 | 20 | 20 | 20 | |
| 23 | 20 | 20 | 20 | 20 | |
| 24 | 20 | 20 | 20 | 20 | |
| 25 | 20 | 20 | 25 | 20 | |
| 26 | 15 | 25 | 20 | 20 | |
| 27 | 20 | 20 | 20 | 20 | |
| 28 | 20 | 20 | 20 | 20 | |
| 29 | 20 | 15 | 20 | 20 | |
| 30 | 20 | 20 | 20 | 20 | |

| | |
|---|---|
| OBSERVER'S NAME (PRINT): H Hogan | |
| OBSERVER'S SIGNATURE | DATE: 2/2/13 |
| ORGANIZATION: NY.C DEP | |
| CERTIFIED BY | DATE |

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

23

| | | |
|---|---|---|
| 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

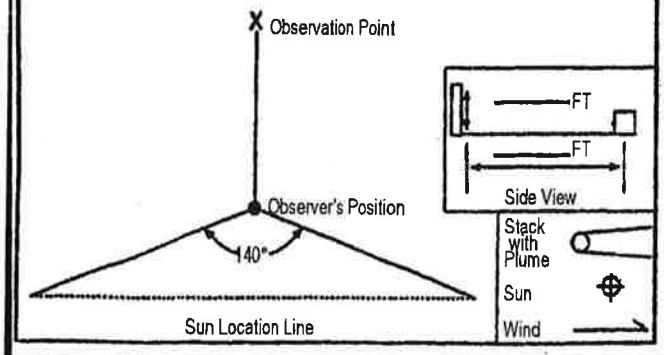
| | |
|---|---|
| EMISSION COLOR: START / END | WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐ |

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 |

Source Layout Sketch

Draw North Arrow ☐TN ☐MN




ADDITIONAL INFORMATION

| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 2/2/13 | 1700 | 1730 |

| SEC / MIN | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 20 | 15 | 15 | 15 | |
| 2 | 15 | 10 | 10 | 15 | not loading |
| 3 | 10 | 15 | 15 | 15 | |
| 4 | 15 | 15 | 15 | 15 | |
| 5 | 10 | 15 | 20 | 15 | |
| 6 | 15 | 10 | 10 | 15 | |
| 7 | 10 | 10 | 10 | 10 | |
| 8 | 15 | 10 | 10 | 10 | |
| 9 | 10 | 10 | 10 | 10 | |
| 10 | 10 | 15 | 15 | 10 | |
| 11 | 10 | 10 | 5 | 15 | |
| 12 | 10 | 10 | 15 | 10 | |
| 13 | 10 | 10 | 10 | 10 | |
| 14 | 10 | 10 | 10 | 10 | |
| 15 | 10 | 5 | 5 | 5 | |
| 16 | 10 | 5 | 10 | 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 | 10 | 15 | 15 | 20 | loading |
| 25 | 15 | 15 | 10 | 15 | |
| 26 | 15 | 20 | 20 | 20 | |
| 27 | 20 | 25 | 25 | 20 | |
| 28 | 20 | 20 | 20 | 25 | |
| 29 | 25 | 20 | 20 | 20 | |
| 30 | 20 | 20 | 25 | 20 | |

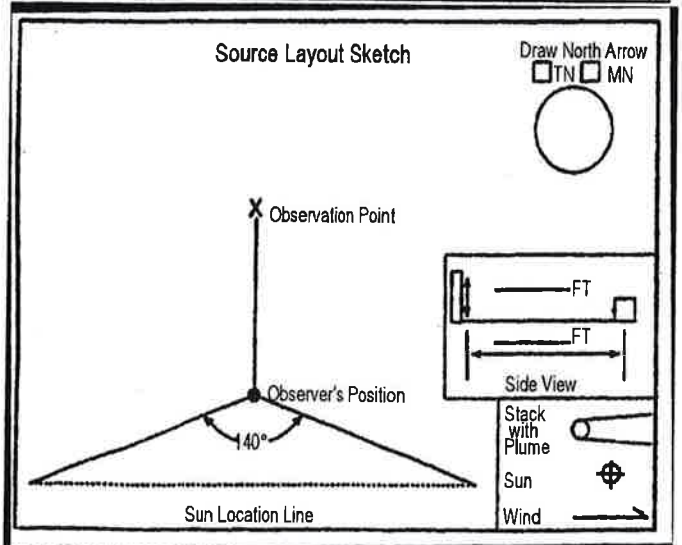
| | |
|---|---|
| OBSERVER'S NAME (PRINT): M. Hajari | |
| OBSERVER'S SIGNATURE | DATE: 2/2/13 |
| ORGANIZATION: NYC DEP | |
| CERTIFIED BY | DATE |

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

24

| | | |
|---|---|---|
| COMPANY NAME: E.C.C | | |
| 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 |

Source Layout Sketch




ADDITIONAL INFORMATION

| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 2/2/13 | 1730 | 1800 |

| SEC / MIN | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 20 | 15 | 15 | 15 | |
| 2 | 10 | 10 | 15 | 10 | NOT loading |
| 3 | 15 | 10 | 10 | 10 | |
| 4 | 10 | 15 | 15 | 10 | |
| 5 | 10 | 10 | 15 | 10 | |
| 6 | 10 | 10 | 10 | 10 | |
| 7 | 10 | 10 | 10 | 10 | |
| 8 | 10 | 10 | 10 | 10 | |
| 9 | 10 | 5 | 5 | 5 | |
| 10 | 5 | 5 | 5 | 5 | |
| 11 | 5 | 5 | 5 | 0 | |
| 12 | 15 | 15 | 15 | 20 | loading |
| 13 | 20 | 15 | 20 | 20 | |
| 14 | 20 | 20 | 15 | 15 | |
| 15 | 10 | 10 | 15 | 15 | |
| 16 | 20 | 15 | 10 | 15 | |
| 17 | 15 | 15 | 15 | 15 | |
| 18 | 15 | 10 | 10 | 10 | N-T loading |
| 19 | 10 | 10 | 10 | 10 | |
| 20 | 10 | 10 | 10 | 10 | |
| 21 | 10 | 5 | 5 | 5 | |
| 22 | 10 | 10 | 5 | 5 | |
| 23 | 5 | 5 | 10 | 5 | |
| 24 | 5 | 5 | 5 | 5 | |
| 25 | 5 | 5 | 5 | 0 | |
| 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 | |

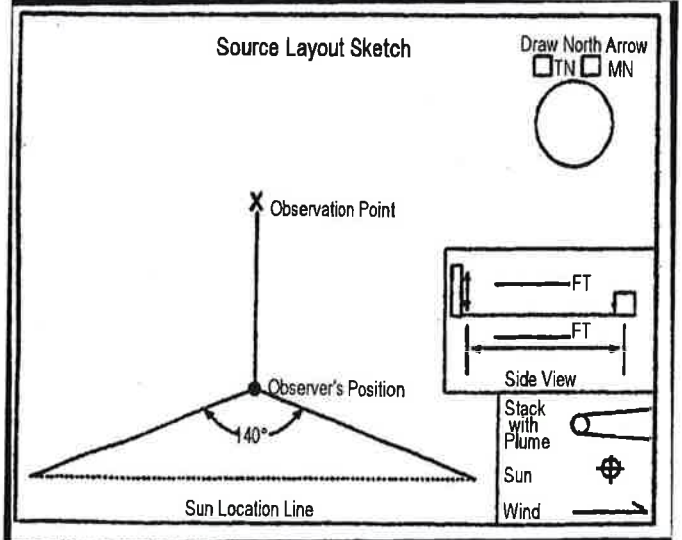
| | |
|---|---|
| OBSERVER'S NAME (PRINT): V. Hajari | |
| OBSERVER'S SIGNATURE | DATE: 2/2/13 |
| ORGANIZATION: NYC DEP | |
| CERTIFIED BY | DATE |

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

2

| | | |
|---|---|---|
| COMPANY NAME: E.C.C | | |
| LOCATION: Floyd Bennett field | | |
| LOCATION: Brooklyn | | |
| CITY: Bklc | 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 | |

Source Layout Sketch




ADDITIONAL INFORMATION

| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 2/2/13 | 630 | 700 |

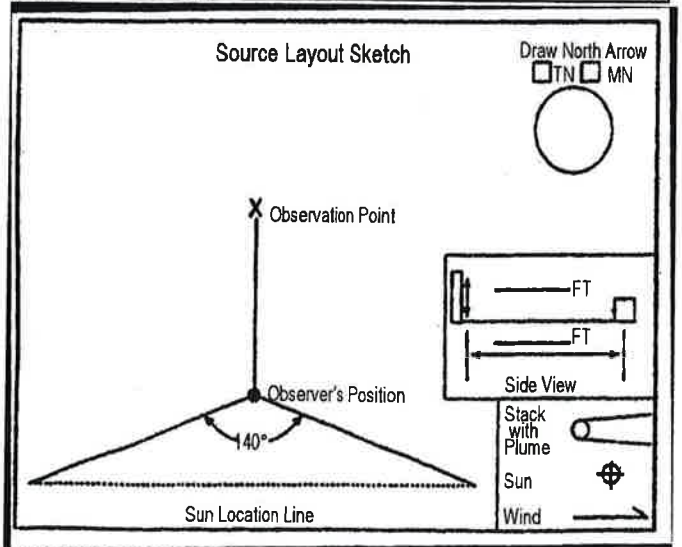
| SEC / MIN | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 10 | 15 | 10 | 10 | not loading |
| 2 | 5 | 5 | 10 | 5 | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |
| 8 | | | | | |
| 9 | 20 | 20 | 25 | 20 | loading |
| 10 | 20 | 25 | 25 | 30 | |
| 11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

| | |
|---|---|
| OBSERVER'S NAME (PRINT): H. Hajari | |
| OBSERVER'S SIGNATURE | DATE: 2/2/13 |
| ORGANIZATION: N.Y.C DEP | |
| CERTIFIED BY | DATE |

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

3

| | | |
|---|---|---|
| COMPANY NAME: E. C. C | | |
| 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 |
|---|---|---|
| 2/2/13 | 700 | 730 |

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

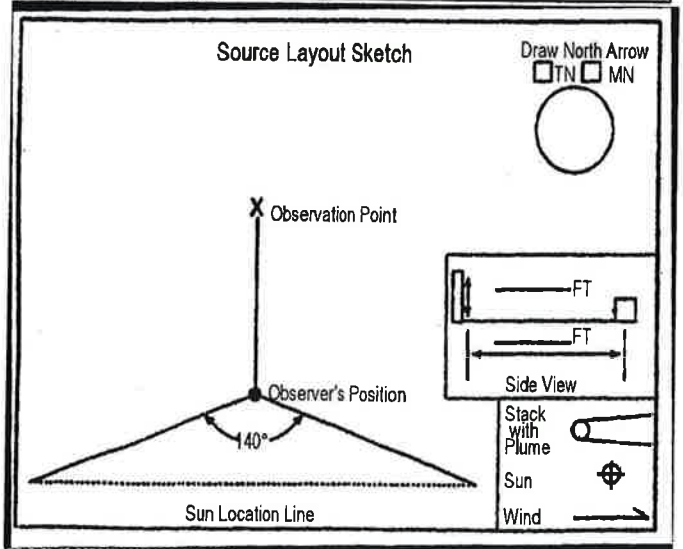
| | |
|---|---|
| OBSERVER'S NAME (PRINT): H Hajari | |
| OBSERVER'S SIGNATURE | DATE: 2/2/13 |
| ORGANIZATION: N.Y.C DEP | |
| CERTIFIED BY | DATE |

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

(4)

| | | |
|---|---|---|
| COMPANY NAME: E.C.L | | |
| LOCATION: Lloyd 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 |

Source Layout Sketch




ADDITIONAL INFORMATION

| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 2/2/13 | 730 | 800 |

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

| | |
|---|---|
| OBSERVER'S NAME (PRINT): A. Hayes | |
| OBSERVER'S SIGNATURE | DATE: 2/2/13 |
| ORGANIZATION: N.Y.C DOT | |
| CERTIFIED BY | DATE |

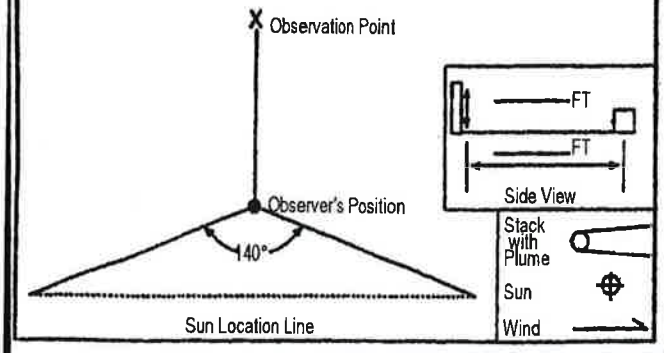
# EPA METHOD 9 (40 CFR 60 - Appendix A)
# VISIBLE EMISSION OBSERVATION FORM

5

| | | |
|---|---|---|
| COMPANY NAME: E.C.C | | |
| LOCATION: Floyd bennett field | | |
| LOCATION: Brooklyn | | |
| CITY: Bklyn | 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: |

Source Layout Sketch

Draw North Arrow ☐TN ☐MN




ADDITIONAL INFORMATION:

OBSERVATION DATE: 2/2/13 | START TIME: 300 | END TIME: 830

| SEC / MIN | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 5 | 5 | 5 | 5 | hoT loading |
| 2 | 5 | 10 | 15 | 10 | |
| 3 | 5 | 10 | 5 | 5 | |
| 4 | 5 | 5 | 5 | 5 | |
| 5 | 10 | 5 | 10 | 5 | |
| 6 | 5 | 10 | 10 | 5 | |
| 7 | 5 | 5 | 5 | 5 | |
| 8 | 5 | 5 | 5 | 5 | |
| 9 | 5 | 10 | 10 | 5 | |
| 10 | 5 | 10 | 10 | 10 | |
| 11 | 5 | 5 | 5 | 10 | |
| 12 | 10 | 15 | 10 | 5 | loading |
| 13 | 15 | 10 | 15 | 20 | |
| 14 | 15 | 15 | 20 | 15 | |
| 15 | 25 | 20 | 20 | 20 | |
| 16 | 25 | 25 | 30 | 25 | |
| 17 | 20 | 20 | 25 | 20 | |
| 18 | 20 | 15 | 15 | 15 | |
| 19 | 10 | 10 | 10 | 10 | |
| 20 | 5 | 10 | 5 | 5 | hoT loading |
| 21 | 5 | 5 | 5 | 5 | |
| 22 | 5 | 5 | 10 | 10 | |
| 23 | 5 | 10 | 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): H. Hyatt | |
| OBSERVER'S SIGNATURE: | DATE: 2/2/13 |
| ORGANIZATION: N.Y.C 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: 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

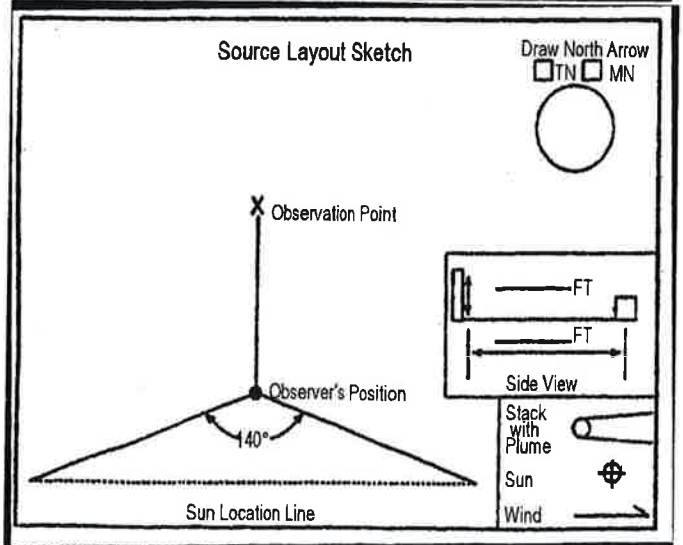
DESCRIBE EMISSIONS: START / END

| | |
|---|---|
| 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 |

Source Layout Sketch




ADDITIONAL INFORMATION

| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 2/2/13 | 830 | 900 |

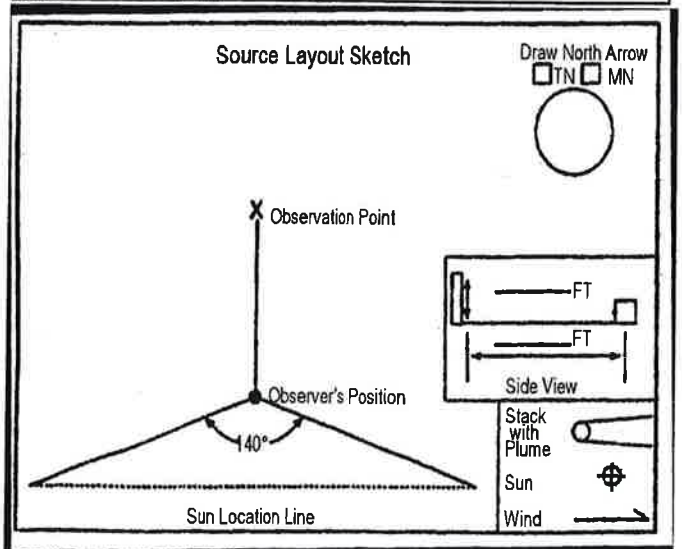
| SEC / MIN | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 5 | 10 | 5 | 5 | |
| 2 | 5 | 5 | 5 | 5 | |
| 3 | 5 | 10 | 10 | 5 | |
| 4 | 5 | 10 | 10 | 5 | |
| 5 | 5 | 5 | 5 | 5 | |
| 6 | 5 | 5 | 5 | 5 | |
| 7 | 10 | 10 | 5 | 10 | |
| 8 | 15 | 20 | 20 | 20 | loading |
| 9 | 20 | 25 | 25 | 30 | |
| 10 | 30 | 35 | 30 | 35 | |
| 11 | 30 | 25 | 25 | 25 | |
| 12 | 20 | 25 | 20 | 25 | |
| 13 | 30 | 20 | 20 | 20 | |
| 14 | 15 | 15 | 20 | 5 | |
| 15 | 10 | 15 | 10 | 10 | not loading |
| 16 | 15 | 20 | 15 | 10 | |
| 17 | 15 | 15 | 10 | 10 | |
| 18 | 10 | 10 | 10 | 10 | |
| 19 | 10 | 5 | 5 | 10 | |
| 20 | 5 | 5 | 5 | 5 | |
| 21 | 5 | 5 | 5 | 5 | |
| 22 | 5 | 10 | 5 | 5 | |
| 23 | 5 | 5 | 5 | 5 | |
| 24 | 5 | 5 | 5 | 5 | |
| 25 | 5 | 5 | 5 | 5 | |
| 26 | 5 | 5 | 5 | 5 | |
| 27 | 5 | 10 | 5 | 5 | |
| 28 | 5 | 5 | 5 | 5 | |
| 29 | 5 | 5 | 5 | 5 | |
| 30 | 5 | 5 | 5 | 5 | |

| | |
|---|---|
| OBSERVER'S NAME (PRINT): N. Hyatt | |
| OBSERVER'S SIGNATURE | DATE: 2/2/13 |
| ORGANIZATION: N.Y.C DEP | |
| 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: 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 |
|---|---|---|
| 2/2/13 | 9am | 930 |

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

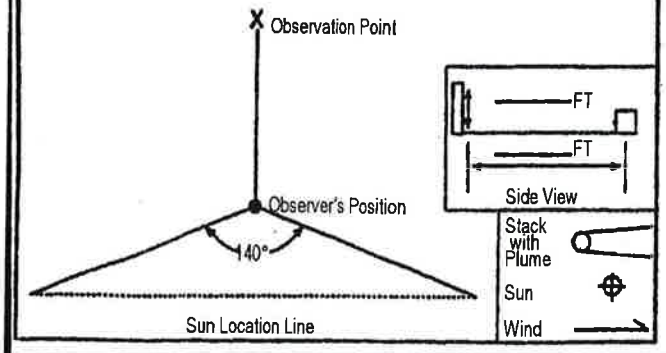
| | |
|---|---|
| OBSERVER'S NAME (PRINT): N. Hajari | |
| OBSERVER'S SIGNATURE | DATE: 2/2/13 |
| ORGANIZATION: N.Y.C DEP | |
| CERTIFIED BY | DATE |

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

| | | |
|---|---|---|
| COMPANY NAME: E.C.C | | |
| LOCATION: Floyd Bennett Field | | |
| LOCATION: Brooklyn | | |
| CITY: 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 | |

Source Layout Sketch

Draw North Arrow ☐TN ☐MN




ADDITIONAL INFORMATION

| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 2/2/13 | 930 | 1000 |

| SEC / MIN | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 10 | 10 | 5 | 10 | |
| 2 | 5 | 5 | 5 | 10 | |
| 3 | 10 | 5 | 5 | 10 | |
| 4 | 15 | 10 | 5 | 10 | |
| 5 | 5 | 5 | 5 | 5 | |
| 6 | 5 | 5 | 5 | 10 | |
| 7 | 10 | 5 | 10 | 5 | |
| 8 | 10 | 15 | 10 | 5 | |
| 9 | 5 | 10 | 5 | 5 | |
| 10 | 5 | 5 | 10 | 5 | |
| 11 | 15 | 15 | 10 | 5 | |
| 12 | 15 | 20 | 20 | 20 | loading |
| 13 | 20 | 25 | 30 | 25 | |
| 14 | 20 | 20 | 20 | 15 | |
| 15 | 10 | 15 | 20 | 25 | |
| 16 | 10 | 15 | 15 | 20 | |
| 17 | 15 | 10 | 10 | 5 | not loading |
| 18 | 10 | 5 | 5 | 5 | |
| 19 | 10 | 5 | 10 | 10 | |
| 20 | 5 | 5 | 5 | 10 | |
| 21 | 5 | 10 | 5 | 5 | |
| 22 | 5 | 5 | 5 | 5 | |
| 23 | 10 | 10 | 10 | 5 | |
| 24 | 5 | 10 | 15 | 10 | |
| 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): N. Hayari | |
| OBSERVER'S SIGNATURE | DATE: 2/2/13 |
| ORGANIZATION: NYC DEP | |
| CERTIFIED BY | DATE |

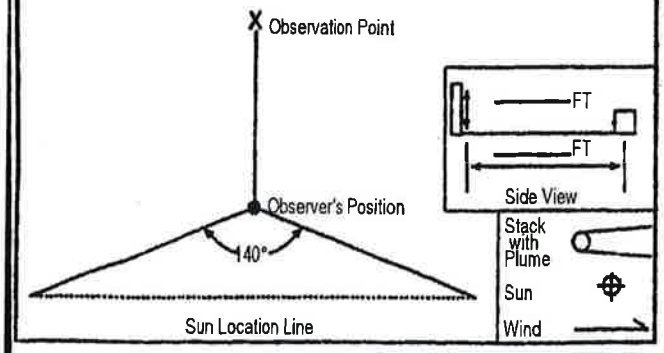
# EPA METHOD 9 (40 CFR 60 - Appendix A)
# VISIBLE EMISSION OBSERVATION FORM

9

| | |
|---|---|
| COMPANY NAME | E.C.C |
| LOCATION | Floyd bennett field |
| LOCATION | Brooklyn |
| CITY | Bklc |
| 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 |

Source Layout Sketch

Draw North Arrow ☐TN ☐MN




ADDITIONAL INFORMATION

| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 2/2/13 | 1000 | 1030 |

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

| | |
|---|---|
| OBSERVER'S NAME (PRINT) | H. Hayati |
| OBSERVER'S SIGNATURE | DATE 2/2/13 |
| ORGANIZATION | NYC DEP |
| CERTIFIED BY | DATE |

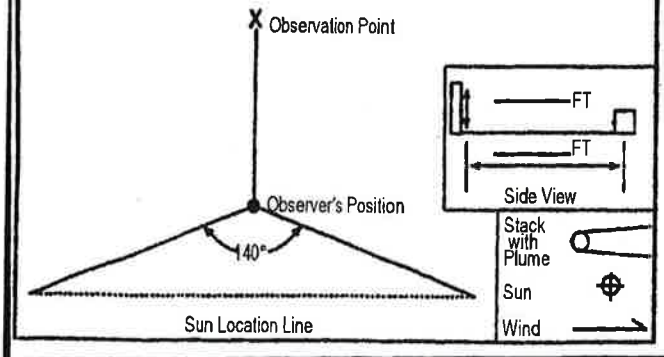
# EPA METHOD 9 (40 CFR 60 - Appendix A)
# VISIBLE EMISSION OBSERVATION FORM

10

| | | |
|---|---|---|
| COMPANY NAME: E.C.C | | |
| LOCATION: Floyd bennett field | | |
| LOCATION: Brooklyn | | |
| CITY: Bkc | 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 | |

Source Layout Sketch

Draw North Arrow ☐TN ☐MN




ADDITIONAL INFORMATION

OBSERVATION DATE: 2/2/13 | START TIME: 1030 | END TIME: 1100

| SEC / MIN | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 10 | 15 | 10 | 10 | not loading |
| 2 | 5 | 5 | 5 | 5 | |
| 3 | 5 | 5 | 5 | 5 | |
| 4 | 10 | 10 | 5 | 5 | |
| 5 | 5 | 10 | 10 | 5 | |
| 6 | 5 | 5 | 5 | 5 | |
| 7 | 10 | 10 | 10 | 5 | |
| 8 | 10 | 10 | 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 | 6 | |
| 17 | 5 | 10 | 15 | 15 | loading |
| 18 | 15 | 20 | 20 | 15 | |
| 19 | 15 | 20 | 15 | 15 | |
| 20 | 15 | 15 | 15 | 10 | |
| 21 | 15 | 20 | 20 | 15 | |
| 22 | 10 | 10 | 5 | 10 | |
| 23 | 5 | 5 | 5 | 5 | not loading |
| 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): H. Hajari | |
| OBSERVER'S SIGNATURE | DATE: 2/2/13 |
| ORGANIZATION: NYC DEP | |
| CERTIFIED BY | DATE |

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

11

| | | |
|---|---|---|
| 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

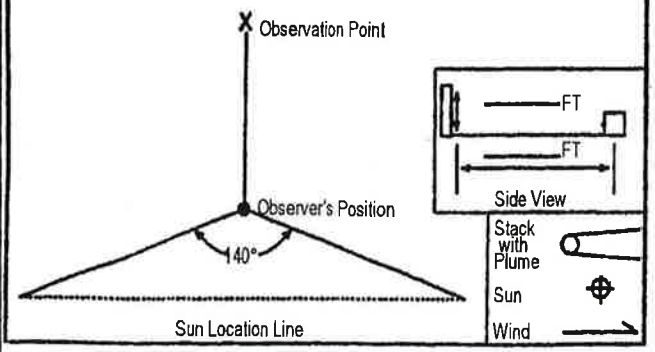
| | |
|---|---|
| EMISSION COLOR: START / END | WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐ |

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 |

Source Layout Sketch

Draw North Arrow ☐TN ☐MN




ADDITIONAL INFORMATION

| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 2/2/13 | 1100 | 1130 |

| SEC / MIN | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 10 | 15 | 5 | 5 | |
| 2 | 5 | 5 | 5 | 10 | |
| 3 | 5 | 5 | 5 | 5 | |
| 4 | 5 | 10 | 5 | 5 | |
| 5 | 5 | 5 | 5 | 5 | |
| 6 | 5 | 10 | 10 | 5 | |
| 7 | 5 | 10 | 5 | 10 | |
| 8 | 5 | 5 | 5 | 5 | |
| 9 | 5 | 15 | 10 | 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 | 5 | 10 | 10 | 5 | |
| 16 | 10 | 5 | 5 | 5 | |
| 17 | 5 | 5 | 5 | 5 | |
| 18 | 5 | 5 | 5 | 5 | |
| 19 | 5 | 10 | 15 | 15 | loading |
| 20 | 15 | 15 | 10 | 15 | |
| 21 | 15 | 20 | 20 | 15 | |
| 22 | 15 | 15 | 15 | 15 | |
| 23 | 20 | 20 | 15 | 20 | |
| 24 | 10 | 5 | 10 | 5 | not loading |
| 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): H. Hyon | |
| OBSERVER'S SIGNATURE | DATE: 2/2/13 |
| ORGANIZATION: NYC DEP | |
| CERTIFIED BY | DATE |

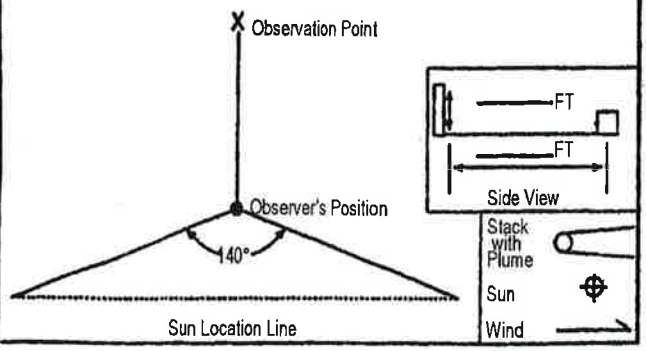
# EPA METHOD 9 (40 CFR 60 - Appendix A)
# VISIBLE EMISSION OBSERVATION FORM

12

| | | |
|---|---|---|
| COMPANY NAME: E-C-C | | |
| LOCATION: Floyd Bennett 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 | |

Source Layout Sketch

Draw North Arrow ☐TN ☐MN




ADDITIONAL INFORMATION

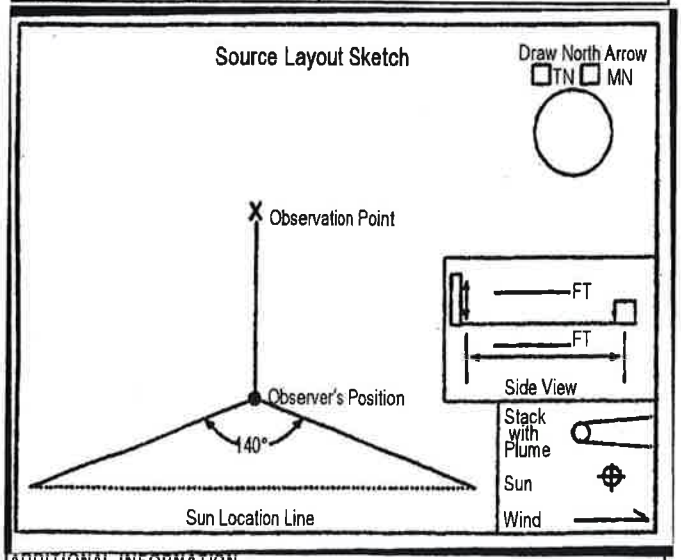
| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 2/2/13 | 1130 | 1245 |

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

| | |
|---|---|
| OBSERVER'S NAME (PRINT): H. Hayan | |
| OBSERVER'S SIGNATURE | DATE: 2/2/13 |
| 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: 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 |
|---|---|---|
| 2/2/13 | 12:00 | 1230 |

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

| | |
|---|---|
| OBSERVER'S NAME (PRINT): H. Hayari | |
| OBSERVER'S SIGNATURE | DATE: 2/2/13 |
| 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: Bklc | 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

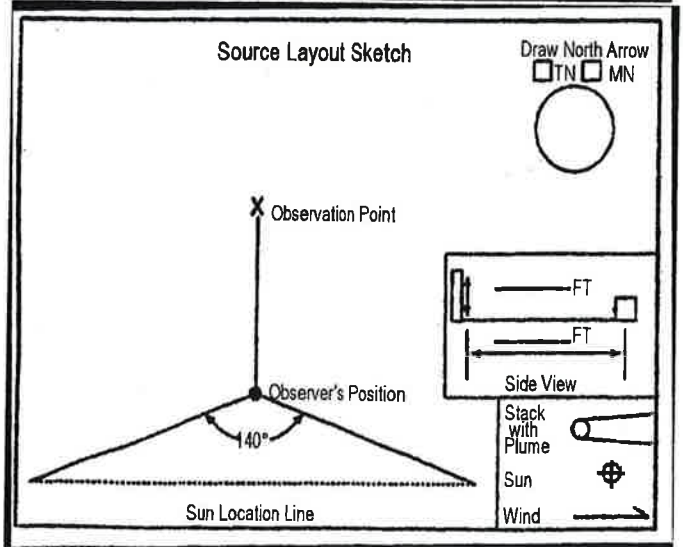
| | |
|---|---|
| EMISSION COLOR: START / END | WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ NONE ☐ |

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 |

Source Layout Sketch

Draw North Arrow ☐TN ☐MN




ADDITIONAL INFORMATION

OBSERVATION DATE: 2/2/13 | START TIME: 1230 | END TIME: 1330

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

| | |
|---|---|
| OBSERVER'S NAME (PRINT): K. Hylan | |
| OBSERVER'S SIGNATURE | DATE: 2/2/13 |
| ORGANIZATION: NYC DEP | |
| CERTIFIED BY | DATE |

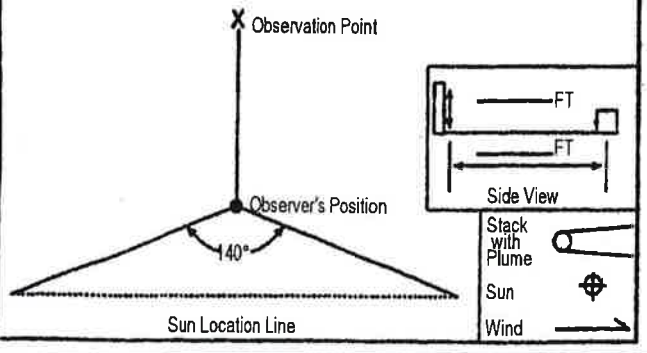
# EPA METHOD 9 (40 CFR 60 - Appendix A)
# VISIBLE EMISSION OBSERVATION FORM

15

| | | |
|---|---|---|
| COMPANY NAME: E. C. C | | |
| 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 | |

Source Layout Sketch

Draw North Arrow ☐TN ☐MN




ADDITIONAL INFORMATION

| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 2/2/13 | 1300 | 1330 |

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

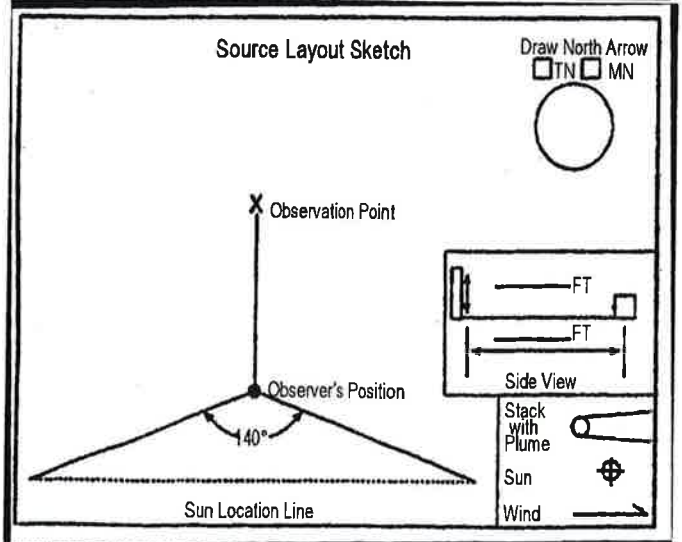
| | |
|---|---|
| OBSERVER'S NAME (PRINT): H. Hajari | |
| OBSERVER'S SIGNATURE | DATE: 2/2/13 |
| ORGANIZATION: NYC DEP | |
| CERTIFIED BY | DATE |

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

16

| | | |
|---|---|---|
| COMPANY NAME: E.C.C | | |
| 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 | |

Source Layout Sketch




ADDITIONAL INFORMATION

| OBSERVATION DATE | START TIME | END TIME |
|---|---|---|
| 2/2/13 | 1330 | 1400 |

| SEC / MIN | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 20 | 20 | 25 | 25 | loading |
| 2 | 30 | 30 | 35 | 30 | |
| 3 | 25 | 25 | 20 | 20 | |
| 4 | 20 | 15 | 15 | 15 | not loading |
| 5 | 11 | 10 | 10 | 10 | |
| 6 | 10 | 10 | 15 | 10 | |
| 7 | 10 | 10 | 1 | 15 | |
| 8 | 10 | 10 | 10 | 10 | |
| 9 | 10 | 5 | 1 | 10 | |
| 10 | 5 | 5 | 1 | 1 | |
| 11 | 1 | 10 | 10 | 10 | |
| 12 | 5 | 5 | 1 | 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): M. Hayes | |
| OBSERVER'S SIGNATURE | DATE: 2/2/13 |
| ORGANIZATION: NYC DEP | |
| CERTIFIED BY | DATE |

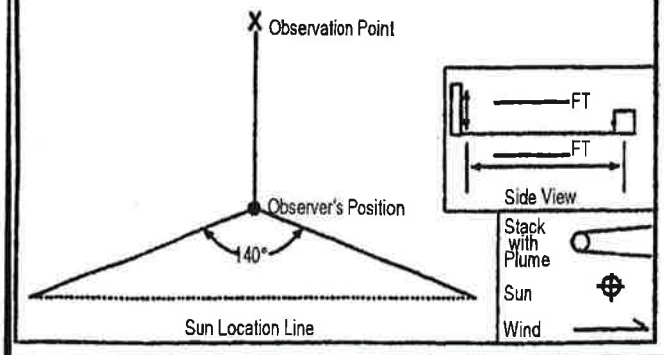
# EPA METHOD 9 (40 CFR 60 - Appendix A)
# VISIBLE EMISSION OBSERVATION FORM

17

| | | |
|---|---|---|
| COMPANY NAME: E.C.C | | |
| 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 |

Source Layout Sketch

Draw North Arrow ☐TN ☐MN




ADDITIONAL INFORMATION

OBSERVATION DATE: 2/2/13 | START TIME: 1400 | END TIME: 1430

| SEC / MIN | 0 | 15 | 30 | 45 | COMMENTS |
|---|---|---|---|---|---|
| 1 | 5 | 5 | 5 | 5 | |
| 2 | 5 | 10 | 10 | 5 | |
| 3 | 10 | 15 | 15 | 10 | Loading |
| 4 | 15 | 20 | 20 | 15 | |
| 5 | 15 | 20 | 20 | 25 | |
| 6 | 20 | 20 | 10 | 10 | |
| 7 | 15 | 20 | 20 | 20 | |
| 8 | 15 | 15 | 20 | 20 | |
| 9 | 20 | 25 | 20 | 20 | |
| 10 | 20 | 20 | 15 | 10 | |
| 11 | 15 | 20 | 20 | 15 | |
| 12 | 15 | 10 | 15 | 15 | not loading |
| 13 | 10 | 10 | 10 | 15 | |
| 14 | 10 | 10 | 10 | 10 | |
| 15 | 10 | 5 | 5 | 10 | |
| 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): H. Hayat

OBSERVER'S SIGNATURE: [signature] | DATE: 2/2/13

ORGANIZATION: NYC DEP

CERTIFIED BY | DATE