TRANSMITTED VIA EMAIL

# Memorandum

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| **To:** | Greg Nagle, FASP TM<br>EPA Region 9, Laboratory Section LSS-2 |
| **From:** | Junn Masongsong<br>ESAT Contract No.: EP-W-13-029<br>Technical Direction No.: 10102073-22257 |
| **Date:** | June 8, 2020 |
| **Re:** | MEW OU1 (277 Fairchild Drive) |

FASP provided two field chemists to support the MEW OU1 site from May 5, 2020 to May 8, 2020; pre- and post-mobilization tasks were also completed. The following specific tasks were supported, among others:

- Hapsite calibrated in SIM (trichloroethene and tetrachloroethene).
- Analyzed 24 potential pathway samples, 25 sewer cleanout samples, and six manhole samples at 277 Fairchild Drive.
- Sixteen 400mL summa canister, seven 6L summa canister, and eighteen radiello samples were collected for laboratory confirmation of Hapsite screening results.

The attached PDF portfolio provides the data associated with the above activities:

- Results from hapsite sampling
- Supporting documentation
    - Chains of custody for summa canisters samples
    - Hapsite sample logbook(s)
    - Hapsite comparison tables
    - Hapsite results over-layed on a map of 277 Fairchild Drive.

Please also find the attached EDDs for all sampling results.

This completes the tasks assigned under this TDF, if you have any questions please do not hesitate to contact me.

# FINAL SCREENING RESULTS

Sample ID: E13-RR1-PP
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/6/2020 10:54:34 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ND | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 102% | Recovery | | | | | |

Sample ID: E14-RR1-PP
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/6/2020 11:06:44 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ND | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 100% | Recovery | | | | | |

Sample ID: E15-RR1-PP
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/6/2020 11:19:01 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ND | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 82% | Recovery | | | | | |

Sample ID: E18-RR1-PP
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/6/2020 11:31:38 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ND | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 111% | Recovery | | | | | |

Sample ID: E19-RR1-PP
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/6/2020 11:44:00 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ND | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 102% | Recovery | | | | | |

# FINAL SCREENING RESULTS

Sample ID: F26-RR1-PP
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/6/2020 11:57:11 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ND | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 111% | Recovery | | | | | |

Sample ID: F25-RR1-PP
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/6/2020 12:14:43 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ND | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 98% | Recovery | | | | | |

Sample ID: F24-RR1-PP
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/6/2020 12:27:06 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ND | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 105% | Recovery | | | | | |

Sample ID: F23-RR1-PP
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/6/2020 12:39:30 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 200 | µg/m³ | 1.1 | µg/m³ | C2 J | 1 | |
| Tetrachloroethene | 5.2 | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 111% | Recovery | | | | | |

Sample ID: F22-RR1-PP
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/6/2020 1:17:07 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 0.8 | µg/m³ | 1.1 | µg/m³ | C1 J | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 111% | Recovery | | | | | |

# FINAL SCREENING RESULTS

Sample ID: F21-RR1-PP
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/6/2020 1:40:28 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ND | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 104% | Recovery | | | | | |

Sample ID: F20-RR1-PP
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/6/2020 1:55:19 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ND | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 86% | Recovery | | | | | |

Sample ID: C5-SC
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/6/2020 2:57:58 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 3.0 | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 109% | Recovery | | | | | |

Sample ID: C6-SC
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/6/2020 3:10:22 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 2.3 | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 107% | Recovery | | | | | |

Sample ID: C7-SC
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/6/2020 3:22:49 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 2.3 | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 106% | Recovery | | | | | |

# FINAL SCREENING RESULTS

**Screening for VOCs by Field Portable GCMS**

Notes:
All SIM results reported down to one-half of the quantitation limit.
All Scan results reported down to one-fifth of the quantitation limit.
µg/m$^3$ - micrograms per cubic meter
C1 - The reported concentration for this analyte is below the quanititation limit.
C2 - The reported concentration for this analyte is above the calibration range of the instrument.
DUP - Sample is a laboratory duplicate
J - The reported result for this analyte should be considered an estimated value.
NC - Not Calculated
Q1 - The internal standard associated with this analyte did not meet area count criteria
Q7 - Surrogate spike recoveries for this sample were outside control limits (60-140%)
QL - Quantitation Limit
RPD - Relative Percent Difference
RE1, RE2, etc. - Result is from a sample re-analysis
SMC - Surrogate Monitoring Compound

# FINAL SCREENING RESULTS

Sample ID: SF2-SC
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/7/2020 8:54:18 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 0.9 | µg/m³ | 1.1 | µg/m³ | C1 J | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 96% | Recovery | | | | | |

Sample ID: SF3-SC
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/7/2020 9:06:50 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 0.6 | µg/m³ | 1.1 | µg/m³ | C1 J | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 97% | Recovery | | | | | |

Sample ID: SF4-SC
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/7/2020 9:19:25 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ND | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 99% | Recovery | | | | | |

Sample ID: SF1-SC (AKA - Bldg A1)
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/7/2020 9:32:18 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 0.7 | µg/m³ | 1.1 | µg/m³ | C1 J | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 103% | Recovery | | | | | |

Sample ID: F20-SC
Method: _SP SIM 012s (ug-m3).mth
Acquisition Date and Time: 5/7/2020 10:26:01 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 370 | µg/m³ | 110 | µg/m³ | | 100 | |
| Tetrachloroethene | ND | µg/m³ | 140 | µg/m³ | | 100 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 109% | Recovery | | | | | |

# FINAL SCREENING RESULTS

Sample ID: F21-SC
Method: _SP SIM 012s (ug-m3).mth
Acquisition Date and Time: 5/7/2020 10:37:29 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 490 | µg/m³ | 110 | µg/m³ | | 100 | |
| Tetrachloroethene | ND | µg/m³ | 140 | µg/m³ | | 100 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 109% | Recovery | | | | | |

Sample ID: F26-SC
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/7/2020 11:12:48 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 41 | µg/m³ | 1.1 | µg/m³ | C2 J | 1 | |
| Tetrachloroethene | 2.3 | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 105% | Recovery | | | | | |

Sample ID: F24-SC
Method: _SP SIM 012s (ug-m3).mth
Acquisition Date and Time: 5/7/2020 11:39:23 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 37 | µg/m³ | 11 | µg/m³ | | 10 | |
| Tetrachloroethene | ND | µg/m³ | 14 | µg/m³ | | 10 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 114% | Recovery | | | | | |

Sample ID: F25-SC
Method: _SP SIM 012s (ug-m3).mth
Acquisition Date and Time: 5/7/2020 11:51:33 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 35 | µg/m³ | 11 | µg/m³ | | 10 | |
| Tetrachloroethene | ND | µg/m³ | 14 | µg/m³ | | 10 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 113% | Recovery | | | | | |

Sample ID: E13-SC
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/7/2020 12:03:16 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 8.2 | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | 0.7 | µg/m³ | 1.4 | µg/m³ | C1 J | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 103% | Recovery | | | | | |

# FINAL SCREENING RESULTS

Sample ID: E14-SC
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/7/2020 12:17:15 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 3.3 | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 96% | Recovery | | | | | |

Sample ID: F22-RR1-PP
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/7/2020 12:30:30 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 7.0 | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 98% | Recovery | | | | | |

Sample ID: F23-RR1-PP
Method: _SP SIM 012s (ug-m3).mth
Acquisition Date and Time: 5/7/2020 12:44:14 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 16 | µg/m³ | 11 | µg/m³ | | 10 | |
| Tetrachloroethene | ND | µg/m³ | 14 | µg/m³ | | 10 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 107% | Recovery | | | | | |

Sample ID: 260 Ariana MH2-SS
Method: _SP SIM 012s (ug-m3).mth
Acquisition Date and Time: 5/7/2020 12:56:12 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 7.7 | µg/m³ | 11 | µg/m³ | C1 J | 10 | |
| Tetrachloroethene | ND | µg/m³ | 14 | µg/m³ | | 10 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 111% | Recovery | | | | | |

Sample ID: F21-RR1-PP
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/7/2020 1:19:18 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ND | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 98% | Recovery | | | | | |

# FINAL SCREENING RESULTS

Sample ID: 272 Ariana MH3-SS

Method: _SP SIM 012s (ug-m3).mth
Acquisition Date and Time: 5/7/2020 2:42:13 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 200 | µg/m³ | 11 | µg/m³ | C2 J | 10 | |
| Tetrachloroethene | ND | µg/m³ | 14 | µg/m³ | | 10 | |

1,3,5-Tris(trifluoromethyl)benzene (SMC) 105% Recovery

Sample ID: E14-RR1-PP

Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/7/2020 3:11:50 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 23 | µg/m³ | 1.1 | µg/m³ | C2 J | 1 | |
| Tetrachloroethene | 2.6 | µg/m³ | 1.4 | µg/m³ | | 1 | |

1,3,5-Tris(trifluoromethyl)benzene (SMC) 94% Recovery

Sample ID: F23-RR1-PP

Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/7/2020 3:38:06 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ND | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |

1,3,5-Tris(trifluoromethyl)benzene (SMC) 93% Recovery

# FINAL SCREENING RESULTS

**Screening for VOCs by Field Portable GCMS**

Notes:
All SIM results reported down to one-half of the quantitation limit.
All Scan results reported down to one-fifth of the quantitation limit.
µg/m$^3$ - micrograms per cubic meter
C1 - The reported concentration for this analyte is below the quanititation limit.
C2 - The reported concentration for this analyte is above the calibration range of the instrument.
DUP - Sample is a laboratory duplicate
J - The reported result for this analyte should be considered an estimated value.
NC - Not Calculated
Q1 - The internal standard associated with this analyte did not meet area count criteria
Q7 - Surrogate spike recoveries for this sample were outside control limits (60-140%)
QL - Quantitation Limit
RPD - Relative Percent Difference
RE1, RE2, etc. - Result is from a sample re-analysis
SMC - Surrogate Monitoring Compound

# FINAL SCREENING RESULTS

Sample ID: E14-SC
Method: _SP SIM 012s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 10:07:44 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 890 | µg/m³ | 11 | µg/m³ | C2 J | 10 | |
| Tetrachloroethene | 21 | µg/m³ | 14 | µg/m³ | | 10 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 118% | Recovery | | | | | |

Sample ID: F22-SC
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 10:32:00 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 12 | µg/m³ | 1.1 | µg/m³ | C2 J | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 71% | Recovery | | | | | |

Sample ID: E14-RR1-PP
Method: _SP SIM 012s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 10:45:00 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 14 | µg/m³ | 11 | µg/m³ | | 10 | |
| Tetrachloroethene | ND | µg/m³ | 14 | µg/m³ | | 10 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 130% | Recovery | | | | | |

Sample ID: F23-SC
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 10:56:00 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 1.0 | µg/m³ | 1.1 | µg/m³ | C1 J | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 116% | Recovery | | | | | |

Sample ID: NE Fairchild Cleanout (MEW GW)
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 11:11:38 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 83 | µg/m³ | 1.1 | µg/m³ | C2 J | 1 | |
| Tetrachloroethene | 0.9 | µg/m³ | 1.4 | µg/m³ | C1 J | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 135% | Recovery | | | | | |

# FINAL SCREENING RESULTS

Sample ID: D10-SC
Method: _SP SIM 012s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 11:38:44 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 20 | µg/m³ | 11 | µg/m³ | | 10 | |
| Tetrachloroethene | ND | µg/m³ | 14 | µg/m³ | | 10 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 137% | Recovery | | | | | |

Sample ID: D9-SC
Method: _SP SIM 060s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 11:53:10 AM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 130 | µg/m³ | 2.2 | µg/m³ | C2 J | 2 | |
| Tetrachloroethene | 4.6 | µg/m³ | 2.7 | µg/m³ | | 2 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 123% | Recovery | | | | | |

Sample ID: D11-SC
Method: _SP SIM 012s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 12:37:55 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 29 | µg/m³ | 11 | µg/m³ | | 10 | |
| Tetrachloroethene | ND | µg/m³ | 14 | µg/m³ | | 10 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 130% | Recovery | | | | | |

Sample ID: D9-RR1-PP
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 12:49:05 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 0.9 | µg/m³ | 1.1 | µg/m³ | C1 J | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 91% | Recovery | | | | | |

Sample ID: 260 Ariana MH2-SS
Method: _SP SIM 012s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 1:02:33 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 480 | µg/m³ | 11 | µg/m³ | C2 Q7 J | 10 | |
| Tetrachloroethene | 19 | µg/m³ | 14 | µg/m³ | Q7 J | 10 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 144% | Recovery | | | | | |

# FINAL SCREENING RESULTS

Sample ID: D11-RR3-PP
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 1:27:55 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 3.1 | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 99% | Recovery | | | | | |

Sample ID: 272 Ariana MH3-SS
Method: _SP SIM 012s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 1:53:57 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 100 | µg/m³ | 11 | µg/m³ | | 10 | |
| Tetrachloroethene | ND | µg/m³ | 14 | µg/m³ | | 10 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 139% | Recovery | | | | | |

Sample ID: 241 Ariana MH4-SS
Method: _SP SIM 012s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 2:05:30 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 12 | µg/m³ | 11 | µg/m³ | | 10 | |
| Tetrachloroethene | ND | µg/m³ | 14 | µg/m³ | | 10 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 137% | Recovery | | | | | |

Sample ID: D9-RR1-PP
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 2:54:59 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ND | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 94% | Recovery | | | | | |

Sample ID: D9-SC
Method: _SP SIM 012s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 3:09:41 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 48 | µg/m³ | 11 | µg/m³ | Q7 J | 10 | |
| Tetrachloroethene | ND | µg/m³ | 14 | µg/m³ | Q7 J | 10 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 145% | Recovery | | | | | |

# FINAL SCREENING RESULTS

Sample ID: D11-RR3-PP
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 3:22:22 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 2.6 | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 102% | Recovery | | | | | |

Sample ID: D11-SC
Method: _SP SIM 060s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 3:35:28 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 14 | µg/m³ | 2.2 | µg/m³ | | 2 | |
| Tetrachloroethene | ND | µg/m³ | 2.7 | µg/m³ | | 2 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 138% | Recovery | | | | | |

Sample ID: D9-SC
Method: _SP SIM 012s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 4:10:59 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 14 | µg/m³ | 11 | µg/m³ | | 10 | |
| Tetrachloroethene | ND | µg/m³ | 14 | µg/m³ | | 10 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 126% | Recovery | | | | | |

Sample ID: D9-RR1-PP
Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 4:22:14 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ND | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 113% | Recovery | | | | | |

Sample ID: D11-SC
Method: _SP SIM 060s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 4:36:46 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 320 | µg/m³ | 2.2 | µg/m³ | C2 J | 2 | |
| Tetrachloroethene | 15 | µg/m³ | 2.7 | µg/m³ | | 2 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 130% | Recovery | | | | | |

# FINAL SCREENING RESULTS

Sample ID: D11-RR3-PP

Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 5:02:50 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 1.5 | µg/m³ | 1.1 | µg/m³ | | 1 | |
| Tetrachloroethene | ND | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 116% | Recovery | | | | | |

Sample ID: D10-SC

Method: _SP SIM 120s (ug-m3).mth
Acquisition Date and Time: 5/8/2020 5:15:59 PM

| Analyte Name | Result | Units | QL | Units | Qualifiers | Dilution | Notes: |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 83 | µg/m³ | 1.1 | µg/m³ | C2 J | 1 | |
| Tetrachloroethene | 2.8 | µg/m³ | 1.4 | µg/m³ | | 1 | |
| 1,3,5-Tris(trifluoromethyl)benzene (SMC) | 128% | Recovery | | | | | |

# FINAL SCREENING RESULTS

**Screening for VOCs by Field Portable GCMS**

Notes:
All SIM results reported down to one-half of the quantitation limit.
All Scan results reported down to one-fifth of the quantitation limit.
$\mu g/m^3$ - micrograms per cubic meter
C1 - The reported concentration for this analyte is below the quanititation limit.
C2 - The reported concentration for this analyte is above the calibration range of the instrument.
DUP - Sample is a laboratory duplicate
J - The reported result for this analyte should be considered an estimated value.
NC - Not Calculated
Q1 - The internal standard associated with this analyte did not meet area count criteria
Q7 - Surrogate spike recoveries for this sample were outside control limits (60-140%)
QL - Quantitation Limit
RPD - Relative Percent Difference
RE1, RE2, etc. - Result is from a sample re-analysis
SMC - Surrogate Monitoring Compound

PRVY-Controlled/Privacy

[redacted]

AS-BUILT PLANS
PREPARED FROM ENGINEER'S AND CONTRACTOR'S RECORDS

EDDIE SIEU, RCE 44189 DATE
RUGGERI-JENSEN-AZAR

SUBMIT ELECTRONIC "AS-BUILT" PLANS IN BOTH AUTOCAD AND PDF FORMATS.

RUGGERI-JENSEN-AZAR
ENGINEERS • PLANNERS • SURVEYORS
4630 ROSEDALE HWY., BAKERSFIELD, CA 93308 PH. (661) 325-8030
FAX (661) 325-1946

IMPROVEMENT PLANS FOR 277 FAIRCHILD DRIVE
WAVERLY
CURB PLAN
CITY OF MOUNTAIN VIEW, SANTA CLARA COUNTY, CALIFORNIA
EXAMINED PERMIT NO. 2016-76
FOR: WARMINGTON FAIRCHILD ASSOCIATES, LLC.

| SCALE | DATE | DRAWN | CHECKED | PROJ. MGR. |
|---|---|---|---|---|
| 1"=20' | 08-31-2016 | JM | EJ | DC |

| DATE | MK | SHEET REVISIONS | BY | CK | QTY |
|---|---|---|---|---|---|
| 4/22/16 | A | BUILDING COMMENTS | | | |

SHEET NO.
C2.2
OF 53 SHEETS.
JOB NO.
131078IP

PIN #8465-10

G:\JOBS013\131078P\CAD FILES\03-CONSTRUCTION DOCS\ON-SITE\C2.2CP-131078P.DWG 8/24/2016 8:49:15 PM ANDREW WORRSON

**Instrument:** Hapsite SP H370

**Project:** MEW OU 1 277 Fairchild

# SAMPLE LOGBOOK

**Initials:** JDM

**Date:** 05/06/20

| | Sample ID | Time | Method | File ID | Bag Dilution | Notes | | | TCE | PCE |
|---|---|---|---|---|---|---|---|---|---|---|
| | SIM HIGH CAL | 0640 | 120s SIM | -030 | 1X | | | | | |
| | SIM MID CAL | — | 060s SIM | -010 | 1X | | | | | |
| | SIM LOW CAL | — | 012s SIM | -006 | 1X | | | | | |
| | CCV | — | 060s SIM | -011 | | | | | | |
| | POWER LOSS & RESTART | — | | | | | | | | |
| | conc. cleanout | — | | | | | | | | |
| | $N_2$ BAG / BLK | | 120s SIM | -031 | 1X | | | | | |
| | sim High Cal | 0940 | 120 sim | -032 | — | | | | | |
| | sim mid Cal | 0952 | 060 sim | -012 | — | | | | | |
| | sim low Cal | 1003 | 012 sim | -007 | — | | | | PCE = | m/z 164 |
| | CCV | | 060 sim | -015 | | -013, -014 skipped, IS no signal. | | | | No Dose Endless search |
| | reboot | | | | | | | | | |
| | CCV | 1092 | 060 sim | -016 | | Pass, PCE = ugly | | | | |
| 1 | E13-RR1-PP | 1054 ~~1042~~ 1056 | 060 sim | -033 | | | | | ND | ND |
| 2 | E14-RR1-PP | 1106 | 120 sim | -034 | | | | | ND | ND |
| 3 | E15-RR1-PP | 1119 | 120 sim | -035 | | | | | ND | ND |
| 4 | E18-RR1-PP | 1131 | 120 sim | -036 | | | | | ND | ND. |
| 5 | E19-RR1-PP | 1144 | 120 sim | -037 | | | | | ND | ND |
| 6 | F20-RR1-PP | 1157 | 120 SIM | -038 | | | | | ND | ND |
| 7 | F25-RR1-PP | 1214 | 120 sim | -039 | | | | | ND | ND |

Revised: 09/2016

USEPA REGION 9 LABORATORY

Reviewed: [illegible] Date: 5/26/20

**Instrument:** Hapsite SP H370

**Project:** MEW OU1 277 Fairchild

# SAMPLE LOGBOOK

**Initials:** JDM/RLK

**Date:** 5/6/20

| Sample ID | Time | Method | File ID | Bag Dilution | Notes | TCE | PCE |
|---|---|---|---|---|---|---|---|
| 8 F24-RR1-PP | 1227 | 120SIM | -040 | — | | ND | ND |
| 9 F23-RR1-PP | 1239 | 120SIM | -041 | — | | 20J | 5.2 |
| N2 | 1251 | 120SIM | -042 | — | | 0.6 | 0.07 |
| N2 | 1304 | 120SIM | -043 | — | | ND | ND |
| 10 F22-RR1-PP | 1317 | 120SIM | -044 | — | | 0.8 | ND |
| 11. F21-RR1-PP | 1340 | 120SIM | -045 | — | | ND | ND |
| 12 F20-RR1-PP | 1355 | 120SIM | -046 | — | | ND | ND |
| C5-SC | 1446 | 0125IM | -008 | 100X | | ND | ND |
| 13 C5-SC | 1457 | 120SIM | -047 | 1X | | 3.0 | ND |
| 14 C6-SC | 1510 | 120SIM | -048 | 1X | | 2.3 | ND |
| 15 C7-SC | 1522 | 120SIM | -049 | 1X | | 2.3 | ND |
| | | | | | | JDM 05/06/20 | |

Revised: 09/2016

USEPA REGION 9 LABORATORY

Reviewed: [illegible] Date: 5/26/20

Instrument: Hapsite SP H370

Project: MEW

# SAMPLE LOGBOOK

Initials: SDM/RH

Date: 05/07/20

| | Sample ID | Time | Method | File ID | Bag Dilution | Notes | | TCE | PCE |
|---|---|---|---|---|---|---|---|---|---|
| | $N_2$ BLANK | 0638 | 120 SIM | -050 | — | | | ND | ND |
| | SIM HIGH CAL | 0650 | 120SIM | -05 | — | | | | |
| | SIM MID CAL | 0702 | 060SIM | -017 | — | | | | |
| | SIM LOW CAL | 0713 | 012SIM | -009 | — | | | | |
| | CCV (1) | 0727 | 060SIM | -018 | — | 948,513600 IS AREA | | | |
| | $N_2$ BLK | 0834 | 120 SIM | -052 | — | | | ND | ND |
| 1. | SF2 - SC | 0854 | 120 SIM | -053 | 1x | | | 0.9 | ND |
| 2. | SF3 - SC | 0906 | 120 SIM | -054 | 1x | | | 0.6 | ND |
| 3. | SF4 - SC | 0919 | 120 SIM | -055 | 1x | | | ND | ND |
| 4. | SF1 - SC (AKA: ~~A1-~~ BLK) | 0932 | 120 SIM | -056 | 1x | | | 0.7 | ND |
| | F20 - SC | 0947 | 120 SIM | -057 | 1x | | | OVER - RANGE | |
| | $N_2$ | 1000 | 120 SIM | -058 | 1x | | | 1.3 | ND |
| | $N_2$ | 1013 | 120SIM | -059 | 1x | | | ND | ND |
| 5. | F20 - SC | 1026 | 012 SIM | -010 | 10x | | ON COLUMN | 3.7 | ND |
| 6. | F21 - SC | 1037 | 012 SIM | -011 | 10x | | ON COLUMN | 4.9 | ND |
| | F24 - SC | 1048 | 012SIM | -012 | 10x | needs re-run | ON COLUMN | ND | ND |
| | F25 - SC | 1100 | 012SIM | -013 | 10x | needs re-run | ON COLUMN | ND | ND |
| 7. | F26 - SC | 1112 | 120SIM | -060 | 1x | | | 41.42 | 2.329 |
| | ~~F24 - SC~~ | | ~~012 SIM~~ | ~~-~~ | ~~1x~~ | JDM 05/07/20 | | — | — |
| | $N_2$ | 1126 | 120 SIM | -061 | 1x | | | ND | ND |

Revised: 09/2016

USEPA REGION 9 LABORATORY

Reviewed: SDM Date: 5/26/20

Instrument: Hapsite SP H370

Project: MEW

# SAMPLE LOGBOOK

Initials: JDM

Date: 05/07/20

| Sample ID | Time | Method | File ID | Bag Dilution | Notes | TCE | PCE |
|---|---|---|---|---|---|---|---|
| F24 - SC | 1139 | JDM 5/7/20 ~~012~~ SIM | -014 | 1x | ON COLUMN | 369 | ND |
| F25 - SC | 1151 | 012 SIM | -015 | 1x | ON COLUMN | 35 | ND |
| E13 - SC | 1203 | 120 SIM | -062 | 1x | | 8.2 | 0.7 |
| E14 - SC | 1217 | 120 SIM | -063 | 1x | | 3.3 | ND |
| F22 - RR1 - PP | 1230 | 120 SIM | -064 | 1x | | 7.0 | ND |
| F23 - RR1 - PP | 1244 | 012 SIM | -016 | 1x | ON COLUMN | 1.6 | ND |
| Manhole near bldg E-19 (260 ARIANA MH-SS) | 1256 | 012 SIM | -017 | 1x | ON COLUMN | 0.8 | ND |
| F21 - RR1 - PP | 1319 | 120 SIM | -065 | 1x | | ND | ND |
| 272 Ariana - MH - SS | 1442 | 012 SIM | -018 | 1x | ON COLUMN | 20.48 | 0.611 |
| $N_2$ | 1454 | 120 SIM | -066 | 1x | | 0.3 | ND |
| E14 - RR1 - PP | 1511 | 120 SIM | -067 | 1x | | 23.4 | 2.6 |
| $N_2$ | 1524 | 120 SIM | -068 | 1x | | ND | ND |
| F23 - RR1 - PP | 1538 | 120 SIM | -069 | 1x | | ND | ND |
| CCV | 1557 | 060 SIM | -019 | 1x | | ok | ↑ |
| restart | — | | | | | | |
| CCV | 1627 | 060 SIM | -020 | 1x | | ok | ↑ |
| E14 - RR1 - PP | — | 120 SIM | -071 | 1x | filament wont turn on | — | — |
| restart | — | | | | | | |
| CCV | — | 060 SIM | -021 | 1x | did not write data | | |
| CCV | — | 060 SIM | -022 | 1x | filament wont turn on | | |

Revised: 09/2016

USEPA REGION 9 LABORATORY

Reviewed: [signature] Date: 5/26/20

Instrument: **Hapsite SP H370**

# SAMPLE LOGBOOK

Initials: JDM/RH

Project: MEW

Date: 5/7/20

| Sample ID | Time | Method | File ID | Bag Dilution | Notes |
|---|---|---|---|---|---|
| restart | | | | | |
| CCV | | 060SIM | -023 | 1X | FILAMENT WONT GO ON |
| ~~CCV~~ JDM 05/07/20 | | 060SIM | -024 | 1X | FILAMENT WONT GO ON |
| CCV | | 160SIM | — | 1x | FILAMENT WONT GO ON |
| | | 012SIM | -020 | 1X | |

JDM 05/07/20

Reviewed: [signature] Date: 5/26/20

Revised: 09/2016

USEPA REGION 9 LABORATORY

Instrument: Hapsite SP H370

Project: MEW

# SAMPLE LOGBOOK

Initials: JDM/RH

Date: 05/08/20

| | Sample ID | | Time | Method | File ID | Bag Dilution | Notes | | TCE | PCE |
|---|---|---|---|---|---|---|---|---|---|---|
| | $N_2$ BLANK | | — | 120 SIM | -072 | 1X | PRESSURE TOO HIGH | | | |
| | ATTACH SM | | — | — | | | | | | |
| | $N_2$ BLANK | | — | 120 SIM | -073 | 1X | ENDLESS SEARCH | | | |
| | RESTART | | — | — | | | | | | |
| | $N_2$ BLANK | | 0844 | 120 SIM | -074 | 1X | | | | |
| | SIM HIGH CAL | | 0857 | 120 SIM | -075 | 1X | | | | |
| | SIM MID CAL | | 0909 | 60 SIM | -026 | 1X | | | | |
| | SIM LOW CAL | | 0920 | 12 SIM | -026 | 1X | | | | |
| | CCV (1) | | 0931 | 60 SIM | -027 | 1X | 500, 151, 168 | | | |
| | $N_2$ BLANK | SAMPLE TIME | 0942 | 120 SIM | -070 | 1X | | | | |
| | F23-SC | 0930 | 0955 | 012 SIM | -027 | 1X | needs rerun | ON COLUMN | ND | ND |
| 1. | E14-SC | 0935 | 1007 | 012 SIM | -028 | 1X | FINAL: 890 | ON COLUMN | 88.61 | 2.065 |
| | $N_2$ BLANK | | 1019 | 120 SIM | -077 | 1X | FINAL ~~18~~ JDM 5/8/20 | | 0.683 | ND |
| 2. | F22-SC | 1000 | 1032 | 120 SIM | -078 | 1X | FINAL 12 | | 11.57 | ND |
| 3 | E14-RR1-PP | 1030 | 1045 | 012 SIM | -029 | 1X | FINAL 14 | ON COLUMN | 1.364 | ND |
| 4. | F23-SC | 0930 | 1056 | 120 SIM | -079 | 1X | FINAL 1.0 | | 1.033 | ND |
| 5. | ~~S.~~ NE FAIRCHILD CLEANOUT (MEW SM) | 1045 | 1111 | 120 SIM | -080 | 1X | FINAL 89 ~~RERUN: 154~~ JDM 5/8/20 | ON COLUMN | 82.88 | 0.882 |
| | $N_2$ BLANK | | 1124 | 120 SIM | -081 | 1X | | | ND | ND |
| 6. | D10-SC | 1110 | 1138 | 012 SIM | -030 | 1X | FINAL: 20 | ON COLUMN | 1.998 | ND |
| 7. | D9-SC | 1145 | 1153 | 060 SIM | -028 | 1X | FINAL: 130 | ON COLUMN | 64.89 | ~~ND~~ 2.31 |

Revised: 09/2016

USEPA REGION 9 LABORATORY

Reviewed: [signature] Date: JDM 5/8/20 5/20/20

Instrument: Hapsite SP H370

Project: MEW

# SAMPLE LOGBOOK

Initials: JDM

Date: 05/08/20

| | Sample ID | SAMPLE TIME | Time | Method | File ID | Bag Dilution | Notes | | TCE | PCE |
|---|---|---|---|---|---|---|---|---|---|---|
| | N2 BLANK | | 1205 | 120SIM | -082 | 1X | | | | |
| | D9-RR1-PP | 1215 | 1219 | 060SIM | -029 | 1X | rerun | ON COLUMN | 0.4(ND) | ND |
| | ~~260 ARIANA MH-SS~~ | ~~1200~~ | | ~~120SIM~~ | ~~-083~~ | ~~1X~~ | JDM 05/08/20 | | | |
| 8 | D11-SC | 1230 | 1237 | 012SIM | -031 | 1X | FINAL: 29 | ON COLUMN | 2.55 | ND |
| 9 | D9-RR1-PP | 1215 | 1249 | 120SIM | -083 | 1X | | | 0.929 | ND |
| 10 | 261 ARIANA MH2-SS | 1200 | 1302 | 012SIM | -032 | 1X | FINAL: 480 | ON COLUMN | 48.22 | 1.867 |
| | N2 BLACK | | 1314 | 120 SIM | -084 | 1X | | | | |
| 11 | D11-RR3-PP | 1315 | 1327 | 120SIM | -085 | 1X | | | 3.070 | ND |
| | 272 ARIANA MH3-SS | 1210 | 1341 | 012SIM | -033 | 10X | FINAL: 100 | | 0.99 | ND |
| 12 | 272 ARIANA MH3-SS | 1210 | 1353 | 012SIM | -034 | 1X | FINAL: 100 | | 10.25 | 0.507 |
| 13 | 241 ARIANA MH4-SS | 1340 | 1405 | 012SIM | -035 | 1X | | | 1.18 | ND |
| | D9-RR1-PP | 1420 | 1436 | 120SIM | -086 | 1X | needs re-run | | ND | ND |
| | CCV | | 1440 | 160 SIM | -030 | 1X | 632,057,664 | | | |
| 14 | D9-RR1-PP | 1420 | 1455 | 120 SIM | -087 | 1X | | | ND | ND |
| 15 | D9-SC | 1430 | 1509 | 012SIM | -036 | 1X | | ON COLUMN | 4.793 | ND |
| 16 | D11-RR3-PP | 1505 | 1522 | 120SIM | -088 | 1X | | | 2.592 | ND |
| 17 | D11-SC | 1520 | 1535 | 060SIM | -031 | 1X | FINAL: 14 | ON COLUMN | 6.762 | 0.279 |
| 18 | D9-SC | 1600 | 1611 | 012SIM | -037 | 1X | FINAL 14 | ON COLUMN | 1.403 | ND |
| 19 | D9-RR1-PP | 1610 | 1622 | 120SIM | -089 | 1X | | | 0.204 | |
| 20 | D11-SC | 1620 | 1636 | 060SIM | -032 | 1X | FINAL: 328 | | 157.98 | |
| | N2 BLANK | | 1649 | 120SIM | -090 | 1X | | | 0.598 | |

Revised: 09/2016

USEPA REGION 9 LABORATORY

Reviewed: [signature] Date: 5/26/20

Instrument: Hapsite SP H370

Project: MEW

# SAMPLE LOGBOOK

Initials: JDM

Date: 05/08/20

| Sample ID | Time | Method | File ID | Bag Dilution | Notes | | | TCE | |
|---|---|---|---|---|---|---|---|---|---|
| D11-RR3-PP 1625 | 1702 | 1205IM | -091 | 1X | | | | 1.505 | 0.08 |
| D10-SC 1625 | 1716 | 1205IM | -092 | 1X | | | | 83 | |
| | | | | | | | JDM 05/08/20 | | |

Revised: 09/2016

USEPA REGION 9 LABORATORY

Reviewed: EW Date: 5/26/20