**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FQ2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-09R-25 | | | TMP-09R-30 | | | TMP-09R-35 | | | TMP-09R-40 | | | TMP-09R-45 | | | TMP-09R-45X | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FQ2 | | | Y4FQ3 | | | Y4FQ4 | | | Y4FQ5 | | | Y4FQ6 | | | Y4FQ7 | | |
| Collection Date : | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| Chloromethane | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| Vinyl chloride | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| Bromomethane | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| Chloroethane | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| Trichlorofluoromethane | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| 1,1-Dichloroethene | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| Acetone | 31 | | | 63 | | | 81 | | | 20 | | | 11 | | | 16 | | 37% RPD |
| Carbon disulfide | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| Methyl acetate | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| Methylene chloride | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| trans-1,2-Dichloroethene | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| Methyl tert-butyl ether | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| 1,1-Dichloroethane | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| cis-1,2-Dichloroethene | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| 2-Butanone | 12U | U | | 10U | U | | 14U | U | | 13U | U | | 10U | U | | 11U | U | |
| Bromochloromethane | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| Chloroform | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| 1,1,1-Trichloroethane | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| Cyclohexane | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| Carbon tetrachloride | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| Benzene | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| 1,2-Dichloroethane | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| 1,4-Dioxane | 120U | R | | 100U | R | | 140U | R | | 130U | R | | 100U | R | | 110U | R | |
| Trichloroethene | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |

Reviewed by Ali Kaseeh 11/21/08

QA Concurrence by E. Mutkowska 12/2/08

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FQ2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-09R-25 | | | TMP-09R-30 | | | TMP-09R-35 | | | TMP-09R-40 | | | TMP-09R-45 | | | TMP-09R-45X | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FQ2 | | | Y4FQ3 | | | Y4FQ4 | | | Y4FQ5 | | | Y4FQ6 | | | Y4FQ7 | | |
| Collection Date : | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| 1,2-Dichloropropane | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| Bromodichloromethane | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| cis-1,3-Dichloropropene | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| 4-Methyl-2-pentanone | 12U | U | | 10U | U | | 14U | U | | 13U | U | | 10U | U | | 11U | U | |
| Toluene | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| trans-1,3-Dichloropropene | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| 1,1,2-Trichloroethane | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| Tetrachloroethene | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| 2-Hexanone | 12U | U | | 10U | U | | 14U | U | | 13U | U | | 10U | U | | 11U | U | |
| Dibromochloromethane | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| 1,2-Dibromoethane | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| Chlorobenzene | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| Ethylbenzene | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| o-Xylene | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| m,p-Xylene | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| Styrene | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| Bromoform | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| Isopropylbenzene | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| 1,1,2,2-Tetrachloroethane | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| 1,3-Dichlorobenzene | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| 1,4-Dichlorobenzene | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| 1,2-Dichlorobenzene | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| 1,2-Dibromo-3-chloropropan | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| 1,2,4-Trichlorobenzene | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |
| 1,2,3-Trichlorobenzene | 5.8U | U | | 5.1U | U | | 7.2U | U | | 6.4U | U | | 5.1U | U | | 5.5U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FQ2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-09R-25 | | | TMP-09R-30 | | | TMP-09R-35 | | | TMP-09R-40 | | | TMP-09R-45 | | | TMP-09R-45X | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FQ2 | | | Y4FQ3 | | | Y4FQ4 | | | Y4FQ5 | | | Y4FQ6 | | | Y4FQ7 | | |
| Collection Date : | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 71 | | | 55 | | | 83 | | | 61 | | | 50 | | | 57 | | |
| Chloroethane-d5 | 68 | | | 57 | | | 85 | | | 66 | | | 54 | | | 60 | | |
| 1,1-Dichloroethene-d2 | 44 | | | 40 | | | 54 | | | 47 | | | 34 | | | 40 | | |
| 2-Butanone-d5 | 87 | | | 130 | | | 180 | | | 190 | | | 77 | | | 110 | | |
| Chloroform-d | 58 | | | 56 | | | 79 | | | 66 | | | 51 | | | 55 | | |
| 1,2-Dichloroethane-d4 | 56 | | | 60 | | | 81 | | | 74 | | | 48 | | | 56 | | |
| Benzene-d6 | 66 | | | 58 | | | 79 | | | 69 | | | 55 | | | 59 | | |
| 1,2-Dichloropropane-d6 | 65 | | | 61 | | | 81 | | | 73 | | | 55 | | | 59 | | |
| Toluene-d8 | 64 | | | 56 | | | 78 | | | 69 | | | 54 | | | 58 | | |
| trans-1,3-Dichloropropene-d | 61 | | | 61 | | | 83 | | | 77 | | | 52 | | | 59 | | |
| 2-Hexanone-d5 | 90 | | | 140 | | | 190 | | | 190 | | | 83 | | | 120 | | |
| 1,4-Dioxane-d8 | 790 | | | 890 | | | 1500 | | | 1600 | | | 730 | | | 880 | | |
| 1,1,2,2-Tetrachloroethane-d | 48 | | | 59 | | | 85 | | | 75 | | | 41 | | | 53 | | |
| 1,2-Dichlorobenzene-d4 | 61 | | | 56 | | | 86 | | | 74 | | | 55 | | | 61 | | |
| Hexane | 0.58U | U | | 0.51U | U | | 0.72U | U | | 0.64U | U | | 0.51U | U | | 0.55U | U | |
| Isopropanol | 29U | R | | 26U | R | | 36U | R | | 32U | R | | 25U | R | | 27U | R | |
| Percent Solids | 79% | | | 84% | | | 85% | | | 81% | | | 91% | | | 91% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation Limit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FQ2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-09R-50 | | | TMP-09R-55 | | | TMP-09R-60 | | | TMP-09R-65 | | | TMP-09R-70 | | | TMP-09R-75 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FQ8 | | | Y4FQ9 | | | Y4FR0 | | | Y4FR1 | | | Y4FR2 | | | Y4FR3 | | |
| Collection Date : | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | R | ✓ | 6.5U | U | |
| Chloromethane | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | R | ✓ | 6.5U | U | |
| Vinyl chloride | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| Bromomethane | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | R | ✓ | 6.5U | U | |
| Chloroethane | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | R | ✓ | 6.5U | U | |
| Trichlorofluoromethane | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| 1,1-Dichloroethene | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | R | ✓ | 6.5U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| Acetone | 28 | | ✓ | 14 | | ✓ | 19 | | ✓ | 78 | | ✓ | 13U | U | | 110 | | ✓ |
| Carbon disulfide | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | R | ✓ | 6.5U | U | |
| Methyl acetate | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 130 | | ✓ | 6.5U | U | |
| Methylene chloride | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| trans-1,2-Dichloroethene | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | R | ✓ | 6.5U | U | |
| Methyl tert-butyl ether | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| 1,1-Dichloroethane | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| cis-1,2-Dichloroethene | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | R | ✓ | 6.5U | U | |
| 2-Butanone | 16U | U | | 11U | U | | 11U | U | | 11U | U | | 13U | U | | 13U | U | |
| Bromochloromethane | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| Chloroform | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| 1,1,1-Trichloroethane | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| Cyclohexane | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| Carbon tetrachloride | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| Benzene | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| 1,2-Dichloroethane | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| 1,4-Dioxane | 160U | R | | 110U | R | | 110U | R | | 110U | R | | 130U | R | ✓ | 130U | R | |
| Trichloroethene | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |

* Insufficient information is available to determine why several compounds were rejected in Y4FR2. Request for additional information was made. This data set is still under Tier 3 data review — to be completed in January 2009.

E.M. 12/2/08.

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FQ2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-09R-50 | | | TMP-09R-55 | | | TMP-09R-60 | | | TMP-09R-65 | | | TMP-09R-70 | | | TMP-09R-75 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FQ8 | | | Y4FQ9 | | | Y4FR0 | | | Y4FR1 | | | Y4FR2 | | | Y4FR3 | | |
| Collection Date : | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| 1,2-Dichloropropane | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| Bromodichloromethane | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| cis-1,3-Dichloropropene | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| 4-Methyl-2-pentanone | 16U | U | | 11U | U | | 11U | U | | 11U | U | | 13U | U | | 13U | U | |
| Toluene | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 2.7J | J | | 6.5U | U | |
| trans-1,3-Dichloropropene | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| 1,1,2-Trichloroethane | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| Tetrachloroethene | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| 2-Hexanone | 16U | U | | 11U | U | | 11U | U | | 11U | U | | 13U | U | | 13U | U | |
| Dibromochloromethane | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| 1,2-Dibromoethane | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| Chlorobenzene | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| Ethylbenzene | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| o-Xylene | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| m,p-Xylene | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| Styrene | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| Bromoform | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| Isopropylbenzene | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| 1,1,2,2-Tetrachloroethane | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| 1,3-Dichlorobenzene | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| 1,4-Dichlorobenzene | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| 1,2-Dichlorobenzene | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| 1,2-Dibromo-3-chloropropan | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| 1,2,4-Trichlorobenzene | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |
| 1,2,3-Trichlorobenzene | 7.8U | U | | 5.5U | U | | 5.7U | U | | 5.6U | U | | 6.4U | U | | 6.5U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FQ2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-09R-50 | | | TMP-09R-55 | | | TMP-09R-60 | | | TMP-09R-65 | | | TMP-09R-70 | | | TMP-09R-75 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FQ8 | | | Y4FQ9 | | | Y4FR0 | | | Y4FR1 | | | Y4FR2 | | | Y4FR3 | | |
| Collection Date : | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | | 10/15/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 91 | | | 60 | | | 61 | | | 63 | | | 64 | | | 78 | | |
| Chloroethane-d5 | 88 | | | 61 | | | 62 | | | 64 | | | 8.7 | | | 75 | | |
| 1,1-Dichloroethene-d2 | 58 | | | 41 | | | 44 | | | 39 | | | 3.9 | | | 52 | | |
| 2-Butanone-d5 | 140 | | | 110 | | | 110 | | | 110 | | | 130 | | | 110 | | |
| Chloroform-d | 80 | | | 57 | | | 58 | | | 59 | | | 62 | | | 68 | | |
| 1,2-Dichloroethane-d4 | 78 | | | 56 | | | 58 | | | 59 | | | 66 | | | 66 | | |
| Benzene-d6 | 85 | | | 60 | | | 60 | | | 59 | | | 68 | | | 72 | | |
| 1,2-Dichloropropane-d6 | 83 | | | 60 | | | 61 | | | 60 | | | 64 | | | 70 | | |
| Toluene-d8 | 83 | | | 58 | | | 60 | | | 59 | | | 68 | | | 72 | | |
| trans-1,3-Dichloropropene-d | 80 | | | 58 | | | 58 | | | 59 | | | 60 | | | 66 | | |
| 2-Hexanone-d5 | 150 | | | 120 | | | 110 | | | 120 | | | 100 | | | 110 | | |
| 1,4-Dioxane-d8 | 1200 | | | 800 | | | 980 | | | 1000 | | | 350 | | | 790 | | |
| 1,1,2,2-Tetrachloroethane-d | 72 | | | 54 | | | 55 | | | 54 | | | 53 | | | 57 | | |
| 1,2-Dichlorobenzene-d4 | 88 | | | 62 | | | 64 | | | 63 | | | 66 | | | 73 | | |
| Hexane | 0.78U | U | | 0.55U | U | | 0.57U | U | | 0.56U | U | | 0.64U | R | | 0.65U | U | |
| Isopropanol | 39U | R | | 28U | R | | 29U | R | | 28U | R | | 32U | R | | 32U | R | |
| Percent Solids | 78% | | | 85% | | | 84% | | | 80% | | | 78% | | | 77% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation LImit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FQ2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-09R-80 | | | TMP-09R-80X | | | TMP-09R-85 | | | TMP-09R-95 | | | TMP-09R-100 | | | TMP-09R-105 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FR5 | | | Y4FR6 | | | Y4FR7 | | | Y4FR8 | | | Y4FR9 | | | Y4FS0 | | |
| Collection Date : | 10/16/2008 | | | 10/16/2008 | | FD | 10/16/2008 | | | 10/16/2008 | | | 10/16/2008 | | | 10/16/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| Chloromethane | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| Vinyl chloride | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| Bromomethane | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| Chloroethane | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| Trichlorofluoromethane | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| 1,1-Dichloroethene | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| Acetone | 230 | | | 340 | | 38.6% | 23 | | | 73 | | | 11 | | | 14 | | |
| Carbon disulfide | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| Methyl acetate | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 6.6 | | | 5.8U | U | |
| Methylene chloride | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| trans-1,2-Dichloroethene | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| Methyl tert-butyl ether | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| 1,1-Dichloroethane | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| cis-1,2-Dichloroethene | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 2.4J | J | |
| 2-Butanone | 26 | | | 35 | | 29.5% | 12U | U | | 13U | U | | 9.7U | U | | 12U | U | |
| Bromochloromethane | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| Chloroform | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| 1,1,1-Trichloroethane | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| Cyclohexane | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| Carbon tetrachloride | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| Benzene | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| 1,2-Dichloroethane | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| 1,4-Dioxane | 120U | R | | 110U | R | | 120U | R | | 130U | R | | 97U | R | | 120U | R | |
| Trichloroethene | 5.9U | U | | 5.7U | U | | 34 | | | 12 | | | 2.7J | J | | 21 | | |

%RPD

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FQ2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-09R-80 | | | TMP-09R-80X | | | TMP-09R-85 | | | TMP-09R-95 | | | TMP-09R-100 | | | TMP-09R-105 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FR5 | | | Y4FR6 | | | Y4FR7 | | | Y4FR8 | | | Y4FR9 | | | Y4FS0 | | |
| Collection Date : | 10/16/2008 | | | 10/16/2008 FD | | | 10/16/2008 | | | 10/16/2008 | | | 10/16/2008 | | | 10/16/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| 1,2-Dichloropropane | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| Bromodichloromethane | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| cis-1,3-Dichloropropene | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| 4-Methyl-2-pentanone | 12U | U | | 11U | U | | 12U | U | | 13U | U | | 9.7U | U | | 12U | U | |
| Toluene | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| trans-1,3-Dichloropropene | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| 1,1,2-Trichloroethane | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| Tetrachloroethene | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| 2-Hexanone | 12U | U | | 11U | U | | 12U | U | | 13U | U | | 9.7U | U | | 12U | U | |
| Dibromochloromethane | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| 1,2-Dibromoethane | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| Chlorobenzene | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| Ethylbenzene | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| o-Xylene | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| m,p-Xylene | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| Styrene | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| Bromoform | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| Isopropylbenzene | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| 1,1,2,2-Tetrachloroethane | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| 1,3-Dichlorobenzene | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| 1,4-Dichlorobenzene | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| 1,2-Dichlorobenzene | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| 1,2-Dibromo-3-chloropropan | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| 1,2,4-Trichlorobenzene | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |
| 1,2,3-Trichlorobenzene | 5.9U | U | | 5.7U | U | | 5.9U | U | | 6.7U | U | | 4.8U | U | | 5.8U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FQ2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-09R-80 | | | TMP-09R-80X | | | TMP-09R-85 | | | TMP-09R-95 | | | TMP-09R-100 | | | TMP-09R-105 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FR5 | | | Y4FR6 | | | Y4FR7 | | | Y4FR8 | | | Y4FR9 | | | Y4FS0 | | |
| Collection Date : | 10/16/2008 | | | 10/16/2008 FD | | | 10/16/2008 | | | 10/16/2008 | | | 10/16/2008 | | | 10/16/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 63 | | | 63 | | | 65 | | | 75 | | | 54 | | | 64 | | |
| Chloroethane-d5 | 65 | | | 66 | | | 67 | | | 76 | | | 46 | | | 63 | | |
| 1,1-Dichloroethene-d2 | 45 | | | 44 | | | 42 | | | 52 | | | 38 | | | 43 | | |
| 2-Butanone-d5 | 83 | | | 110 | | | 110 | | | 120 | | | 130 | | | 110 | | |
| Chloroform-d | 58 | | | 61 | | | 60 | | | 69 | | | 51 | | | 62 | | |
| 1,2-Dichloroethane-d4 | 54 | | | 62 | | | 61 | | | 68 | | | 53 | | | 62 | | |
| Benzene-d6 | 66 | | | 65 | | | 64 | | | 74 | | | 52 | | | 64 | | |
| 1,2-Dichloropropane-d6 | 66 | | | 65 | | | 66 | | | 74 | | | 53 | | | 65 | | |
| Toluene-d8 | 64 | | | 65 | | | 64 | | | 74 | | | 53 | | | 65 | | |
| trans-1,3-Dichloropropene-d | 58 | | | 61 | | | 63 | | | 71 | | | 54 | | | 63 | | |
| 2-Hexanone-d5 | 86 | | | 110 | | | 120 | | | 130 | | | 120 | | | 120 | | |
| 1,4-Dioxane-d8 | 720 | | | 1100 | | | 760 | | | 1100 | | | 1300 | | | 970 | | |
| 1,1,2,2-Tetrachloroethane-d | 45 | | | 54 | | | 56 | | | 60 | | | 51 | | | 55 | | |
| 1,2-Dichlorobenzene-d4 | 58 | | | 61 | | | 64 | | | 75 | | | 55 | | | 69 | | |
| Hexane | 0.59U | U | | 0.57U | U | | 0.59U | U | | 0.67U | U | | 0.48U | U | | 0.58U | U | |
| Isopropanol | 29U | R | | 29U | R | | 29U | R | | 34U | R | | 24U | R | | 29U | R | |
| Percent Solids | 80% | | | 75% | | | 80% | | | 76% | | | 86% | | | 88% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation LImit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FQ2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-09R-110 | | | TMP-22R-25 | | | Method Blank | | | Method Blank | | | Method Blank | | | Method Blank | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FS1 | | | Y4FS3 | | | VBLK5K | | | VBLK5L | | | VBLK5S | | | VHBLK5S | | |
| Collection Date : | 10/16/2008 | | | 10/17/2008 | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.7U | U | | 7.2U | UJ | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Chloromethane | 5.7U | U | | 7.2U | UJ | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Vinyl chloride | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Bromomethane | 5.7U | U | | 7.2U | UJ | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Chloroethane | 5.7U | U | | 7.2U | UJ | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Trichlorofluoromethane | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,1-Dichloroethene | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Acetone | 16 | | | 14U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | |
| Carbon disulfide | 5.7U | U | | 7.2U | UJ | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Methyl acetate | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Methylene chloride | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| trans-1,2-Dichloroethene | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Methyl tert-butyl ether | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,1-Dichloroethane | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| cis-1,2-Dichloroethene | 34 | | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 2-Butanone | 11U | U | | 14U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | |
| Bromochloromethane | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Chloroform | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,1,1-Trichloroethane | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Cyclohexane | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Carbon tetrachloride | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Benzene | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dichloroethane | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,4-Dioxane | 110U | R | | 140U | R | | 100U | R | | 100U | R | | 100U | R | | 100U | R | |
| Trichloroethene | 120 | | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FQ2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-09R-110 | | | TMP-22R-25 | | | Method Blank | | | Method Blank | | | Method Blank | | | Method Blank | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FS1 | | | Y4FS3 | | | VBLK5K | | | VBLK5L | | | VBLK5S | | | VHBLK5S | | |
| Collection Date : | 10/16/2008 | | | 10/17/2008 | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dichloropropane | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Bromodichloromethane | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| cis-1,3-Dichloropropene | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 4-Methyl-2-pentanone | 11U | U | | 14U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | |
| Toluene | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| trans-1,3-Dichloropropene | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,1,2-Trichloroethane | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Tetrachloroethene | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 2-Hexanone | 11U | U | | 14U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | |
| Dibromochloromethane | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dibromoethane | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Chlorobenzene | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Ethylbenzene | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| o-Xylene | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| m,p-Xylene | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Styrene | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Bromoform | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Isopropylbenzene | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,1,2,2-Tetrachloroethane | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,3-Dichlorobenzene | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,4-Dichlorobenzene | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dichlorobenzene | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dibromo-3-chloropropan | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,2,4-Trichlorobenzene | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,2,3-Trichlorobenzene | 5.7U | U | | 7.2U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FQ2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-09R-110 | | | TMP-22R-25 | | | Method Blank | | | Method Blank | | | Method Blank | | | Method Blank | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FS1 | | | Y4FS3 | | | VBLK5K | | | VBLK5L | | | VBLK5S | | | VHBLK5S | | |
| Collection Date : | 10/16/2008 | | | 10/17/2008 | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 61 | | | 70 | | | 53 | | | 50 | | | 50 | | | 61 | | |
| Chloroethane-d5 | 64 | | | 25 | | | 53 | | | 52 | | | 54 | | | 61 | | |
| 1,1-Dichloroethene-d2 | 43 | | | 43 | | | 39 | | | 36 | | | 37 | | | 44 | | |
| 2-Butanone-d5 | 110 | | | 92 | | | 100 | | | 94 | | | 100 | | | 70 | | |
| Chloroform-d | 61 | | | 71 | | | 48 | | | 47 | | | 52 | | | 52 | | |
| 1,2-Dichloroethane-d4 | 59 | | | 65 | | | 48 | | | 46 | | | 53 | | | 49 | | |
| Benzene-d6 | 63 | | | 81 | | | 52 | | | 53 | | | 53 | | | 53 | | |
| 1,2-Dichloropropane-d6 | 64 | | | 76 | | | 53 | | | 52 | | | 53 | | | 52 | | |
| Toluene-d8 | 63 | | | 82 | | | 54 | | | 53 | | | 54 | | | 54 | | |
| trans-1,3-Dichloropropene-d | 60 | | | 67 | | | 52 | | | 51 | | | 54 | | | 47 | | |
| 2-Hexanone-d5 | 110 | | | 80 | | | 89 | | | 86 | | | 96 | | | 65 | | |
| 1,4-Dioxane-d8 | 1100 | | | 910 | | | 1200 | | | 880 | | | 1000 | | | 690 | | |
| 1,1,2,2-Tetrachloroethane-d | 53 | | | 46 | | | 43 | | | 42 | | | 47 | | | 39 | | |
| 1,2-Dichlorobenzene-d4 | 67 | | | 77 | | | 54 | | | 53 | | | 54 | | | 52 | | |
| Hexane | 0.57U | U | | 0.72U | UJ | | 0.50U | U | | 0.50U | U | | 0.50U | U | | 0.50U | U | |
| Isopropanol | 28U | R | | 36U | R | | 25U | R | | 25U | R | | 25U | R | | 25U | R | |
| Percent Solids | 77% | | | 79% | | | 100% | | | 100% | | | 100% | | | 100% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation LImit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FQ2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | CRQL | | | | | | | | | | | | | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | | | | | | | | | | | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.0 | | | | | | | | | | | | | | | | | |
| Chloromethane | 5.0 | | | | | | | | | | | | | | | | | |
| Vinyl chloride | 5.0 | | | | | | | | | | | | | | | | | |
| Bromomethane | 5.0 | | | | | | | | | | | | | | | | | |
| Chloroethane | 5.0 | | | | | | | | | | | | | | | | | |
| Trichlorofluoromethane | 5.0 | | | | | | | | | | | | | | | | | |
| 1,1-Dichloroethene | 5.0 | | | | | | | | | | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 5.0 | | | | | | | | | | | | | | | | | |
| Acetone | 10 | | | | | | | | | | | | | | | | | |
| Carbon disulfide | 5.0 | | | | | | | | | | | | | | | | | |
| Methyl acetate | 5.0 | | | | | | | | | | | | | | | | | |
| Methylene chloride | 5.0 | | | | | | | | | | | | | | | | | |
| trans-1,2-Dichloroethene | 5.0 | | | | | | | | | | | | | | | | | |
| Methyl tert-butyl ether | 5.0 | | | | | | | | | | | | | | | | | |
| 1,1-Dichloroethane | 5.0 | | | | | | | | | | | | | | | | | |
| cis-1,2-Dichloroethene | 5.0 | | | | | | | | | | | | | | | | | |
| 2-Butanone | 10 | | | | | | | | | | | | | | | | | |
| Bromochloromethane | 5.0 | | | | | | | | | | | | | | | | | |
| Chloroform | 5.0 | | | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | 5.0 | | | | | | | | | | | | | | | | | |
| Cyclohexane | 5.0 | | | | | | | | | | | | | | | | | |
| Carbon tetrachloride | 5.0 | | | | | | | | | | | | | | | | | |
| Benzene | 5.0 | | | | | | | | | | | | | | | | | |
| 1,2-Dichloroethane | 5.0 | | | | | | | | | | | | | | | | | |
| 1,4-Dioxane | 100 | | | | | | | | | | | | | | | | | |
| Trichloroethene | 5.0 | | | | | | | | | | | | | | | | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FQ2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | CRQL | | | | | | | | | | | | | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | | | | | | | | | | | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 5.0 | | | | | | | | | | | | | | | | | |
| 1,2-Dichloropropane | 5.0 | | | | | | | | | | | | | | | | | |
| Bromodichloromethane | 5.0 | | | | | | | | | | | | | | | | | |
| cis-1,3-Dichloropropene | 5.0 | | | | | | | | | | | | | | | | | |
| 4-Methyl-2-pentanone | 10 | | | | | | | | | | | | | | | | | |
| Toluene | 5.0 | | | | | | | | | | | | | | | | | |
| trans-1,3-Dichloropropene | 5.0 | | | | | | | | | | | | | | | | | |
| 1,1,2-Trichloroethane | 5.0 | | | | | | | | | | | | | | | | | |
| Tetrachloroethene | 5.0 | | | | | | | | | | | | | | | | | |
| 2-Hexanone | 10 | | | | | | | | | | | | | | | | | |
| Dibromochloromethane | 5.0 | | | | | | | | | | | | | | | | | |
| 1,2-Dibromoethane | 5.0 | | | | | | | | | | | | | | | | | |
| Chlorobenzene | 5.0 | | | | | | | | | | | | | | | | | |
| Ethylbenzene | 5.0 | | | | | | | | | | | | | | | | | |
| o-Xylene | 5.0 | | | | | | | | | | | | | | | | | |
| m,p-Xylene | 5.0 | | | | | | | | | | | | | | | | | |
| Styrene | 5.0 | | | | | | | | | | | | | | | | | |
| Bromoform | 5.0 | | | | | | | | | | | | | | | | | |
| Isopropylbenzene | 5.0 | | | | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | 5.0 | | | | | | | | | | | | | | | | | |
| 1,3-Dichlorobenzene | 5.0 | | | | | | | | | | | | | | | | | |
| 1,4-Dichlorobenzene | 5.0 | | | | | | | | | | | | | | | | | |
| 1,2-Dichlorobenzene | 5.0 | | | | | | | | | | | | | | | | | |
| 1,2-Dibromo-3-chloropropan | 5.0 | | | | | | | | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | 5.0 | | | | | | | | | | | | | | | | | |
| 1,2,3-Trichlorobenzene | 5.0 | | | | | | | | | | | | | | | | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FQ2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | CRQL | | | | | | | | | | | | | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | | | | | | | | | | | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | NA | | | | | | | | | | | | | | | | | |
| Chloroethane-d5 | NA | | | | | | | | | | | | | | | | | |
| 1,1-Dichloroethene-d2 | NA | | | | | | | | | | | | | | | | | |
| 2-Butanone-d5 | NA | | | | | | | | | | | | | | | | | |
| Chloroform-d | NA | | | | | | | | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | NA | | | | | | | | | | | | | | | | | |
| Benzene-d6 | NA | | | | | | | | | | | | | | | | | |
| 1,2-Dichloropropane-d6 | NA | | | | | | | | | | | | | | | | | |
| Toluene-d8 | NA | | | | | | | | | | | | | | | | | |
| trans-1,3-Dichloropropene-d | NA | | | | | | | | | | | | | | | | | |
| 2-Hexanone-d5 | NA | | | | | | | | | | | | | | | | | |
| 1,4-Dioxane-d8 | NA | | | | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane-d | NA | | | | | | | | | | | | | | | | | |
| 1,2-Dichlorobenzene-d4 | NA | | | | | | | | | | | | | | | | | |
| Hexane | 0.50 | | | | | | | | | | | | | | | | | |
| Isopropanol | 25 | | | | | | | | | | | | | | | | | |
| Percent Solids | NA | | | | | | | | | | | | | | | | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation LImit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FR4
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/L**

**Analysis Type :** Low Level Water Samples for Volatiles

| Station Location : | TRD-30-01 | | | TRD-30-02 | | | TRD-30-03 | | | Method Blank | | | Method Blank | | | CRQL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FR4 | | | Y4FS2 | | | Y4FW0 | | | VBLK5Q | | | VHBLK5Q | | | | | |
| Collection Date : | 10/15/2008 | | | 10/16/2008 | | | 10/17/2008 | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Chloromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Vinyl chloride | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Bromomethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Chloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Trichlorofluoromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,1-Dichloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,1,2-Trichloro-1,2,2-trifluorc | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Acetone | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10 | | |
| Carbon disulfide | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Methyl acetate | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Methylene chloride | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| trans-1,2-Dichloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Methyl tert-butyl ether | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,1-Dichloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| cis-1,2-Dichloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 2-Butanone | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10 | | |
| Bromochloromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Chloroform | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,1,1-Trichloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Cyclohexane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Carbon tetrachloride | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Benzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,2-Dichloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,4-Dioxane | 100U | R | | 100U | R | | 100U | R | | 100U | R | | 100U | R | | 100 | | |
| Trichloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |

Reviewed by Ali Kaseeh 11/21/08

QA Concurrence by E. Muthowska 12/2/08

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FR4
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/L**

**Analysis Type :** Low Level Water Samples for Volatiles

| Station Location : | TRD-30-01 | | | TRD-30-02 | | | TRD-30-03 | | | Method Blank | | | Method Blank | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FR4 | | | Y4FS2 | | | Y4FW0 | | | VBLK5Q | | | VHBLK5Q | | | CRQL | | |
| Collection Date : | 10/15/2008 EB | | | 10/16/2008 EB | | | 10/17/2008 EB | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,2-Dichloropropane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Bromodichloromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| cis-1,3-Dichloropropene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 4-Methyl-2-pentanone | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10 | | |
| Toluene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| trans-1,3-Dichloropropene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,1,2-Trichloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Tetrachloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 2-Hexanone | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10 | | |
| Dibromochloromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,2-Dibromoethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Chlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Ethylbenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| o-Xylene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| m,p-Xylene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Styrene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Bromoform | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Isopropylbenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,1,2,2-Tetrachloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,3-Dichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,4-Dichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,2-Dichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,2-Dibromo-3-chloropropan | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,2,4-Trichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,2,3-Trichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FR4
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/L**

**Analysis Type :** Low Level Water Samples for Volatiles

| Station Location : | TRD-30-01 | | | TRD-30-02 | | | TRD-30-03 | | | Method Blank | | | Method Blank | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FR4 | | | Y4FS2 | | | Y4FW0 | | | VBLK5Q | | | VHBLK5Q | | | CRQL | | |
| Collection Date : | 10/15/2008 | | | 10/16/2008 | | | 10/17/2008 | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 48 | | | 49 | | | 48 | | | 45 | | | 44 | | | NA | | |
| Chloroethane-d5 | 53 | | | 53 | | | 55 | | | 45 | | | 51 | | | NA | | |
| 1,1-Dichloroethene-d2 | 38 | | | 39 | | | 40 | | | 35 | | | 37 | | | NA | | |
| 2-Butanone-d5 | 88 | | | 89 | | | 88 | | | 87 | | | 97 | | | NA | | |
| Chloroform-d | 50 | | | 51 | | | 50 | | | 44 | | | 54 | | | NA | | |
| 1,2-Dichloroethane-d4 | 51 | | | 51 | | | 50 | | | 45 | | | 56 | | | NA | | |
| Benzene-d6 | 53 | | | 54 | | | 54 | | | 48 | | | 54 | | | NA | | |
| 1,2-Dichloropropane-d6 | 51 | | | 52 | | | 53 | | | 46 | | | 56 | | | NA | | |
| Toluene-d8 | 51 | | | 53 | | | 52 | | | 48 | | | 52 | | | NA | | |
| trans-1,3-Dichloropropene-d | 55 | | | 54 | | | 55 | | | 51 | | | 57 | | | NA | | |
| 2-Hexanone-d5 | 73 | | | 72 | | | 71 | | | 75 | | | 79 | | | NA | | |
| 1,4-Dioxane-d8 | 670 | | | 620 | | | 750 | | | 640 | | | 640 | | | NA | | |
| 1,1,2,2-Tetrachloroethane-d | 49 | | | 49 | | | 51 | | | 43 | | | 54 | | | NA | | |
| 1,2-Dichlorobenzene-d4 | 53 | | | 53 | | | 54 | | | 46 | | | 55 | | | NA | | |
| Hexane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Isopropanol | 250U | R | | 250U | R | | 250U | R | | 250U | R | | 250U | R | | 250 | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation Limit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FS4
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-22R-30 | | | TMP-22R-35 | | | TMP-22R-40 | | | TMP-22R-45 | | | TMP-22R-45X | | | TMP-22R-50 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FS4 | | | Y4FS5 | | | Y4FS6 | | | Y4FS7 | | | Y4FS8 | | | Y4FS9 | | |
| Collection Date : | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Chloromethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Vinyl chloride | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Bromomethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Chloroethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Trichlorofluoromethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 1,1-Dichloroethene | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Acetone | 27 | | | 900E | | | 11U | U | | 12 | | | 11 | | 8.6% | 20 | | |
| Carbon disulfide | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Methyl acetate | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Methylene chloride | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| trans-1,2-Dichloroethene | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Methyl tert-butyl ether | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 1,1-Dichloroethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| cis-1,2-Dichloroethene | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 2-Butanone | 10U | U | | 130 | | | 11U | U | | 9.2U | U | | 8.9U | U | | 11U | U | |
| Bromochloromethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Chloroform | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 1,1,1-Trichloroethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Cyclohexane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Carbon tetrachloride | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Benzene | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 1,2-Dichloroethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 1,4-Dioxane | 100U | R | | 110U | R | | 110U | R | | 92U | R | | 89U | R | | 110U | R | |
| Trichloroethene | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |

% RPD

QA Concurrence by E. Mutkowske 12/2/08

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FS4
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-22R-30 | | | TMP-22R-35 | | | TMP-22R-40 | | | TMP-22R-45 | | | TMP-22R-45X | | | TMP-22R-50 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FS4 | | | Y4FS5 | | | Y4FS6 | | | Y4FS7 | | | Y4FS8 | | | Y4FS9 | | |
| Collection Date : | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Chloromethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Vinyl chloride | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Bromomethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Chloroethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Trichlorofluoromethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 1,1-Dichloroethene | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Acetone | 27 | | | 900E | | | 11U | U | | 12 | | | 11 | | 8.6% | 20 | | |
| Carbon disulfide | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Methyl acetate | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Methylene chloride | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| trans-1,2-Dichloroethene | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Methyl tert-butyl ether | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 1,1-Dichloroethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| cis-1,2-Dichloroethene | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 2-Butanone | 10U | U | | 130 | | | 11U | U | | 9.2U | U | | 8.9U | U | | 11U | U | |
| Bromochloromethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Chloroform | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 1,1,1-Trichloroethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Cyclohexane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Carbon tetrachloride | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Benzene | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 1,2-Dichloroethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 1,4-Dioxane | 100U | R | | 110U | R | | 110U | R | | 92U | R | | 89U | R | | 110U | R | |
| Trichloroethene | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |

% RPD

Reviewed by Ali Kasech 11/21/08

QA Concurrence by E. Mutkowska 12/2/08

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FS4
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-22R-30 | | | TMP-22R-35 | | | TMP-22R-40 | | | TMP-22R-45 | | | TMP-22R-45X | | | TMP-22R-50 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FS4 | | | Y4FS5 | | | Y4FS6 | | | Y4FS7 | | | Y4FS8 | | | Y4FS9 | | |
| Collection Date : | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 1,2-Dichloropropane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Bromodichloromethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| cis-1,3-Dichloropropene | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 4-Methyl-2-pentanone | 10U | U | | 11U | U | | 11U | U | | 9.2U | U | | 8.9U | U | | 11U | U | |
| Toluene | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| trans-1,3-Dichloropropene | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 1,1,2-Trichloroethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Tetrachloroethene | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 2-Hexanone | 10U | U | | 11U | U | | 11U | U | | 9.2U | U | | 8.9U | U | | 11U | U | |
| Dibromochloromethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 1,2-Dibromoethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Chlorobenzene | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Ethylbenzene | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| o-Xylene | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| m,p-Xylene | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Styrene | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Bromoform | 5.0U | U | | 5.6U | R | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| Isopropylbenzene | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 1,1,2,2-Tetrachloroethane | 5.0U | U | | 5.6U | U | | 5.5U | U | | 4.6U | U | | 4.5U | UJ | | 5.3U | UJ | |
| 1,3-Dichlorobenzene | 5.0U | U | | 5.6U | R | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 1,4-Dichlorobenzene | 5.0U | U | | 5.6U | R | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 1,2-Dichlorobenzene | 5.0U | U | | 5.6U | R | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 1,2-Dibromo-3-chloropropan | 5.0U | U | | 5.6U | R | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 1,2,4-Trichlorobenzene | 5.0U | U | | 5.6U | R | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |
| 1,2,3-Trichlorobenzene | 5.0U | U | | 5.6U | R | | 5.5U | U | | 4.6U | U | | 4.5U | U | | 5.3U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FS4
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-22R-30 | | | TMP-22R-35 | | | TMP-22R-40 | | | TMP-22R-45 | | | TMP-22R-45X | | | TMP-22R-50 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FS4 | | | Y4FS5 | | | Y4FS6 | | | Y4FS7 | | | Y4FS8 | | | Y4FS9 | | |
| Collection Date : | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 61 | | | 64 | | | 58 | | | 47 | | | 47 | | | 57 | | |
| Chloroethane-d5 | 60 | | | 65 | | | 59 | | | 48 | | | 48 | | | 60 | | |
| 1,1-Dichloroethene-d2 | 39 | | | 47 | | | 42 | | | 33 | | | 35 | | | 41 | | |
| 2-Butanone-d5 | 100 | | | 110 | | | 110 | | | 88 | | | 93 | | | 120 | | |
| Chloroform-d | 54 | | | 57 | | | 58 | | | 48 | | | 46 | | | 55 | | |
| 1,2-Dichloroethane-d4 | 53 | | | 54 | | | 58 | | | 47 | | | 48 | | | 56 | | |
| Benzene-d6 | 56 | | | 66 | | | 60 | | | 49 | | | 48 | | | 57 | | |
| 1,2-Dichloropropane-d6 | 55 | | | 63 | | | 60 | | | 51 | | | 49 | | | 58 | | |
| Toluene-d8 | 55 | | | 65 | | | 59 | | | 49 | | | 47 | | | 57 | | |
| trans-1,3-Dichloropropene-d | 54 | | | 56 | | | 58 | | | 48 | | | 48 | | | 56 | | |
| 2-Hexanone-d5 | 110 | | | 110 | | | 120 | | | 94 | | | 95 | | | 120 | | |
| 1,4-Dioxane-d8 | 900 | | | 1100 | | | 1000 | | | 790 | | | 890 | | | 1000 | | |
| 1,1,2,2-Tetrachloroethane-d | 50 | | | 54 | | | 54 | | | 44 | | | 44 | | | 54 | | |
| 1,2-Dichlorobenzene-d4 | 58 | | | 63 | | | 63 | | | 53 | | | 51 | | | 60 | | |
| Hexane | 0.50U | U | | 0.56U | U | | 0.55U | U | | 0.46U | U | | 0.45U | U | | 0.53U | U | |
| Isopropanol | 25U | R | | 28U | R | | 27U | R | | 23U | R | | 22U | R | | 27U | R | |
| Percent Solids | 93% | | | 86% | | | 88% | | | 95% | | | 95% | | | 90% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation Limit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FS4
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-22R-55 | | | TMP-22R-60 | | | TMP-22R-60X | | | TMP-22R-65 | | | TMP-22R-70 | | | TMP-22R-75 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FT0 | | | Y4FT1 | | | Y4FT2 | | | Y4FT3 | | | Y4FT4 | | | Y4FT5 | | |
| Collection Date : | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| Chloromethane | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| Vinyl chloride | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| Bromomethane | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| Chloroethane | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| Trichlorofluoromethane | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| 1,1-Dichloroethene | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| Acetone | 21 | | | 19 | | | 19 | | | 21 | | | 32 | | | 20 | | |
| Carbon disulfide | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| Methyl acetate | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| Methylene chloride | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| trans-1,2-Dichloroethene | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| Methyl tert-butyl ether | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| 1,1-Dichloroethane | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| cis-1,2-Dichloroethene | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| 2-Butanone | 10U | U | | 11U | U | | 12U | U | | 11U | U | | 10U | U | | 12U | U | |
| Bromochloromethane | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| Chloroform | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| 1,1,1-Trichloroethane | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| Cyclohexane | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| Carbon tetrachloride | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| Benzene | 2.1J | J | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| 1,2-Dichloroethane | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| 1,4-Dioxane | 100U | R | | 110U | R | | 120U | R | | 110U | R | | 100U | R | | 120U | R | |
| Trichloroethene | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FS4
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-22R-55 | | | TMP-22R-60 | | | TMP-22R-60X | | | TMP-22R-65 | | | TMP-22R-70 | | | TMP-22R-75 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FT0 | | | Y4FT1 | | | Y4FT2 | | | Y4FT3 | | | Y4FT4 | | | Y4FT5 | | |
| Collection Date : | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| 1,2-Dichloropropane | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| Bromodichloromethane | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| cis-1,3-Dichloropropene | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| 4-Methyl-2-pentanone | 10U | U | | 11U | U | | 12U | U | | 11U | U | | 10U | U | | 12U | U | |
| Toluene | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| trans-1,3-Dichloropropene | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| 1,1,2-Trichloroethane | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| Tetrachloroethene | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| 2-Hexanone | 10U | U | | 11U | U | | 12U | U | | 11U | U | | 10U | U | | 12U | U | |
| Dibromochloromethane | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| 1,2-Dibromoethane | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| Chlorobenzene | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| Ethylbenzene | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| o-Xylene | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| m,p-Xylene | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| Styrene | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| Bromoform | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| Isopropylbenzene | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| 1,1,2,2-Tetrachloroethane | 5.0U | UJ | | 5.6U | UJ | | 5.8U | UJ | | 5.6U | UJ | | 5.2U | UJ | | 5.8U | UJ | |
| 1,3-Dichlorobenzene | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| 1,4-Dichlorobenzene | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| 1,2-Dichlorobenzene | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| 1,2-Dibromo-3-chloropropan | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| 1,2,4-Trichlorobenzene | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |
| 1,2,3-Trichlorobenzene | 5.0U | U | | 5.6U | U | | 5.8U | U | | 5.6U | U | | 5.2U | U | | 5.8U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FS4
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-22R-55 | | | TMP-22R-60 | | | TMP-22R-60X | | | TMP-22R-65 | | | TMP-22R-70 | | | TMP-22R-75 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FT0 | | | Y4FT1 | | | Y4FT2 | | | Y4FT3 | | | Y4FT4 | | | Y4FT5 | | |
| Collection Date : | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 55 | | | 62 | | | 64 | | | 61 | | | 66 | | | 65 | | |
| Chloroethane-d5 | 55 | | | 64 | | | 64 | | | 63 | | | 66 | | | 66 | | |
| 1,1-Dichloroethene-d2 | 36 | | | 43 | | | 41 | | | 44 | | | 44 | | | 45 | | |
| 2-Butanone-d5 | 91 | | | 110 | | | 110 | | | 120 | | | 100 | | | 110 | | |
| Chloroform-d | 51 | | | 60 | | | 59 | | | 58 | | | 57 | | | 61 | | |
| 1,2-Dichloroethane-d4 | 51 | | | 59 | | | 59 | | | 60 | | | 57 | | | 60 | | |
| Benzene-d6 | 54 | | | 62 | | | 66 | | | 64 | | | 60 | | | 65 | | |
| 1,2-Dichloropropane-d6 | 53 | | | 60 | | | 65 | | | 63 | | | 59 | | | 63 | | |
| Toluene-d8 | 54 | | | 59 | | | 64 | | | 63 | | | 58 | | | 63 | | |
| trans-1,3-Dichloropropene-d | 50 | | | 54 | | | 60 | | | 59 | | | 52 | | | 59 | | |
| 2-Hexanone-d5 | 94 | | | 110 | | | 120 | | | 120 | | | 110 | | | 130 | | |
| 1,4-Dioxane-d8 | 780 | | | 860 | | | 1000 | | | 980 | | | 890 | | | 1000 | | |
| 1,1,2,2-Tetrachloroethane-d | 47 | | | 55 | | | 57 | | | 57 | | | 53 | | | 57 | | |
| 1,2-Dichlorobenzene-d4 | 57 | | | 62 | | | 65 | | | 63 | | | 63 | | | 68 | | |
| Hexane | 0.50U | U | | 0.56U | U | | 0.58U | U | | 0.56U | U | | 0.52U | U | | 0.58U | U | |
| Isopropanol | 25U | R | | 28U | R | | 29U | R | | 28U | R | | 26U | R | | 29U | R | |
| Percent Solids | 81% | | | 82% | | | 83% | | | 89% | | | 79% | | | 79% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation Limit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FS4
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-22R-80 | | | TMP-22R-85 | | | TMP-22R-90 | | | TMP-22R-95 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FT6 | | | Y4FT7 | | | Y4FT8 | | | Y4FT9 | | | Y4FS9MS | | | Y4FS9MSD | | |
| Collection Date : | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| Chloromethane | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| Vinyl chloride | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| Bromomethane | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| Chloroethane | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| Trichlorofluoromethane | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| 1,1-Dichloroethene | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 39 | | | 37 | | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| Acetone | 67 | | | 16 | | | 370 | | | 37 | | | 21 | | | 23 | | |
| Carbon disulfide | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| Methyl acetate | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| Methylene chloride | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| trans-1,2-Dichloroethene | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| Methyl tert-butyl ether | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| 1,1-Dichloroethane | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| cis-1,2-Dichloroethene | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| 2-Butanone | 12U | U | | 11U | U | | 44 | | | 14U | U | | 11U | U | | 12U | U | |
| Bromochloromethane | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| Chloroform | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| 1,1,1-Trichloroethane | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| Cyclohexane | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| Carbon tetrachloride | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| Benzene | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 62 | | | 63 | | |
| 1,2-Dichloroethane | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| 1,4-Dioxane | 120U | R | | 110U | R | | 130U | R | | 140U | R | | 110U | R | | 120U | R | |
| Trichloroethene | 34 | | | 6.1 | | | 14 | | | 28 | | | 63 | | | 64 | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FS4
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-22R-80 | | | TMP-22R-85 | | | TMP-22R-90 | | | TMP-22R-95 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FT6 | | | Y4FT7 | | | Y4FT8 | | | Y4FT9 | | | Y4FS9MS | | | Y4FS9MSD | | |
| Collection Date : | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| 1,2-Dichloropropane | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| Bromodichloromethane | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| cis-1,3-Dichloropropene | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| 4-Methyl-2-pentanone | 12U | U | | 11U | U | | 13U | U | | 14U | U | | 11U | U | | 12U | U | |
| Toluene | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 65 | | | 66 | | |
| trans-1,3-Dichloropropene | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| 1,1,2-Trichloroethane | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| Tetrachloroethene | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| 2-Hexanone | 12U | U | | 11U | U | | 13U | U | | 14U | U | | 11U | U | | 12U | U | |
| Dibromochloromethane | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| 1,2-Dibromoethane | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| Chlorobenzene | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 63 | | | 62 | | |
| Ethylbenzene | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| o-Xylene | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| m,p-Xylene | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| Styrene | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| Bromoform | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| Isopropylbenzene | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| 1,1,2,2-Tetrachloroethane | 5.8U | UJ | | 5.5U | UJ | | 6.4U | UJ | | 6.8U | UJ | | 5.6U | UJ | | 5.8U | UJ | |
| 1,3-Dichlorobenzene | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| 1,4-Dichlorobenzene | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| 1,2-Dichlorobenzene | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| 1,2-Dibromo-3-chloropropan | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| 1,2,4-Trichlorobenzene | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |
| 1,2,3-Trichlorobenzene | 5.8U | U | | 5.5U | U | | 6.4U | U | | 6.8U | U | | 5.6U | U | | 5.8U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FS4
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-22R-80 | | | TMP-22R-85 | | | TMP-22R-90 | | | TMP-22R-95 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FT6 | | | Y4FT7 | | | Y4FT8 | | | Y4FT9 | | | Y4FS9MS | | | Y4FS9MSD | | |
| Collection Date : | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | 10/17/2008 | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 72 | | | 62 | | | 72 | | | 82 | | | 51 | | | 60 | | |
| Chloroethane-d5 | 74 | | | 62 | | | 73 | | | 83 | | | 51 | | | 62 | | |
| 1,1-Dichloroethene-d2 | 45 | | | 39 | | | 50 | | | 51 | | | 52 | | | 57 | | |
| 2-Butanone-d5 | 110 | | | 110 | | | 110 | | | 120 | | | 120 | | | 130 | | |
| Chloroform-d | 62 | | | 60 | | | 68 | | | 74 | | | 56 | | | 60 | | |
| 1,2-Dichloroethane-d4 | 62 | | | 60 | | | 65 | | | 73 | | | 57 | | | 62 | | |
| Benzene-d6 | 67 | | | 63 | | | 74 | | | 79 | | | 58 | | | 61 | | |
| 1,2-Dichloropropane-d6 | 68 | | | 62 | | | 76 | | | 79 | | | 60 | | | 62 | | |
| Toluene-d8 | 65 | | | 62 | | | 74 | | | 77 | | | 57 | | | 60 | | |
| trans-1,3-Dichloropropene-d | 60 | | | 55 | | | 62 | | | 67 | | | 57 | | | 59 | | |
| 2-Hexanone-d5 | 110 | | | 110 | | | 120 | | | 130 | | | 120 | | | 130 | | |
| 1,4-Dioxane-d8 | 940 | | | 920 | | | 890 | | | 1100 | | | 980 | | | 1200 | | |
| 1,1,2,2-Tetrachloroethane-d | 56 | | | 55 | | | 58 | | | 64 | | | 54 | | | 58 | | |
| 1,2-Dichlorobenzene-d4 | 71 | | | 63 | | | 68 | | | 80 | | | 61 | | | 61 | | |
| Hexane | 0.58U | U | | 0.55U | U | | 0.64U | U | | 0.68U | U | | 0.56U | U | | 0.58U | U | |
| Isopropanol | 29U | R | | 27U | R | | 32U | R | | 34U | R | | 28U | R | | 29U | R | |
| Percent Solids | 88% | | | 75% | | | 72% | | | 77% | | | 90% | | | 90% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation LImit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FS4
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | Method Blank | | | Method Blank | | | Method Blank | | | Method Blank | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | VBLK5L ✓ | | | VBLK5M ✓ | | | VBLK5S ✓ | | | VHBLK5S ✓ | | | CRQL | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Chloromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Vinyl chloride | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Bromomethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Chloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Trichlorofluoromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,1-Dichloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluorc | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Acetone | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10 | | | | | |
| Carbon disulfide | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Methyl acetate | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Methylene chloride | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| trans-1,2-Dichloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Methyl tert-butyl ether | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,1-Dichloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| cis-1,2-Dichloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 2-Butanone | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10 | | | | | |
| Bromochloromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Chloroform | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,1,1-Trichloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Cyclohexane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Carbon tetrachloride | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Benzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,2-Dichloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,4-Dioxane | 100U | R | | 100U | R | | 100U | R | | 100U | R | | 100 | | | | | |
| Trichloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FS4
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | Method Blank | | | Method Blank | | | Method Blank | | | Method Blank | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | VBLK5L ✓ | | | VBLK5M ✓ | | | VBLK5S ✓ | | | VHBLK5S ✓ | | | CRQL | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,2-Dichloropropane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Bromodichloromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| cis-1,3-Dichloropropene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 4-Methyl-2-pentanone | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10 | | | | | |
| Toluene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| trans-1,3-Dichloropropene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,1,2-Trichloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Tetrachloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 2-Hexanone | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10 | | | | | |
| Dibromochloromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,2-Dibromoethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Chlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Ethylbenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| o-Xylene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| m,p-Xylene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Styrene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Bromoform | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Isopropylbenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,1,2,2-Tetrachloroethane | 5.0U | U | | 5.0U | UJ | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,3-Dichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,4-Dichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,2-Dichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,2-Dibromo-3-chloropropan | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,2,4-Trichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,2,3-Trichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FS4
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | Method Blank | | | Method Blank | | | Method Blank | | | Method Blank | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | VBLK5L | | | VBLK5M | | | VBLK5S | | | VHBLK5S | | | CRQL | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 50 | | | 53 | | | 50 | | | 61 | | | NA | | | | | |
| Chloroethane-d5 | 52 | | | 54 | | | 54 | | | 61 | | | NA | | | | | |
| 1,1-Dichloroethene-d2 | 36 | | | 36 | | | 37 | | | 45 | | | NA | | | | | |
| 2-Butanone-d5 | 94 | | | 71 | | | 100 | | | 76 | | | NA | | | | | |
| Chloroform-d | 47 | | | 50 | | | 52 | | | 50 | | | NA | | | | | |
| 1,2-Dichloroethane-d4 | 46 | | | 47 | | | 53 | | | 50 | | | NA | | | | | |
| Benzene-d6 | 53 | | | 54 | | | 53 | | | 55 | | | NA | | | | | |
| 1,2-Dichloropropane-d6 | 52 | | | 52 | | | 53 | | | 53 | | | NA | | | | | |
| Toluene-d8 | 53 | | | 55 | | | 54 | | | 55 | | | NA | | | | | |
| trans-1,3-Dichloropropene-d | 51 | | | 48 | | | 54 | | | 48 | | | NA | | | | | |
| 2-Hexanone-d5 | 86 | | | 67 | | | 96 | | | 74 | | | NA | | | | | |
| 1,4-Dioxane-d8 | 880 | | | 700 | | | 1000 | | | 810 | | | NA | | | | | |
| 1,1,2,2-Tetrachloroethane-d | 42 | | | 37 | | | 47 | | | 40 | | | NA | | | | | |
| 1,2-Dichlorobenzene-d4 | 53 | | | 56 | | | 54 | | | 55 | | | NA | | | | | |
| Hexane | 0.50U | U | | 0.50U | U | | 0.50U | U | | 0.50U | U | | 0.50 | | | | | |
| Isopropanol | 25U | R | | 25U | R | | 25U | R | | 25U | R | | 25 | | | | | |
| Percent Solids | 100% | | | 100% | | | 100% | | | 100% | | | NA | | | | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation Limit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FS4
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Medium Level Soil Samples for Volatiles

| Station Location : | | | | Method Blank | | | Method Blank | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FS5ME | | | VBLKQ5 | | | VHBLK5Q | | | | | | | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 340U | U | R | 250U | U | | 250U | U | | | | | | | | | | |
| Chloromethane | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| Vinyl chloride | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| Bromomethane | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| Chloroethane | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| Trichlorofluoromethane | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| 1,1-Dichloroethene | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| Acetone | 680J | J | ~~X~~ J | 500U | U | | 500U | U | | | | | | | | | | |
| Carbon disulfide | 340U | U | R | 250U | U | | 250U | U | | | | | | | | | | |
| Methyl acetate | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| Methylene chloride | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| trans-1,2-Dichloroethene | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| Methyl tert-butyl ether | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| 1,1-Dichloroethane | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| cis-1,2-Dichloroethene | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| 2-Butanone | 690U | U | | 500U | U | | 500U | U | | | | | | | | | | |
| Bromochloromethane | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| Chloroform | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| 1,1,1-Trichloroethane | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| Cyclohexane | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| Carbon tetrachloride | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| Benzene | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| 1,2-Dichloroethane | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| 1,4-Dioxane | 6900U | R | | 5000U | R | | 5000U | R | | | | | | | | | | |
| Trichloroethene | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FS4
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Medium Level Soil Samples for Volatiles

| Station Location : | | | | Method Blank | | | Method Blank | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FS5ME | | | VBLKQ5 | | | VHBLK5Q | | | | | | | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| 1,2-Dichloropropane | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| Bromodichloromethane | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| cis-1,3-Dichloropropene | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| 4-Methyl-2-pentanone | 690U | U | | 500U | U | | 500U | U | | | | | | | | | | |
| Toluene | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| trans-1,3-Dichloropropene | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| 1,1,2-Trichloroethane | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| Tetrachloroethene | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| 2-Hexanone | 690U | U | | 500U | U | | 500U | U | | | | | | | | | | |
| Dibromochloromethane | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| 1,2-Dibromoethane | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| Chlorobenzene | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| Ethylbenzene | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| o-Xylene | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| m,p-Xylene | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| Styrene | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| Bromoform | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| Isopropylbenzene | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| 1,3-Dichlorobenzene | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| 1,4-Dichlorobenzene | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| 1,2-Dichlorobenzene | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| 1,2-Dibromo-3-chloropropan | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| 1,2,3-Trichlorobenzene | 340U | U | | 170J | J | | 250U | U | | | | | | | | | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FS4
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Medium Level Soil Samples for Volatiles

| Station Location : | | | | Method Blank | | | Method Blank | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FS5ME | | | VBLKQ5 | | | VHBLK5Q | | | | | | | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 3200 | | | 2600 | | | 2200 | | | | | | | | | | | |
| Chloroethane-d5 | 2200 | | | 2700 | | | 2500 | | | | | | | | | | | |
| 1,1-Dichloroethene-d2 | 2700 | | | 2000 | | | 1700 | | | | | | | | | | | |
| 2-Butanone-d5 | 6000 | | | 4600 | | | 4300 | | | | | | | | | | | |
| Chloroform-d | 3500 | | | 2400 | | | 2400 | | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | 3500 | | | 2400 | | | 2500 | | | | | | | | | | | |
| Benzene-d6 | 3700 | | | 2600 | | | 2600 | | | | | | | | | | | |
| 1,2-Dichloropropane-d6 | 3700 | | | 2500 | | | 2500 | | | | | | | | | | | |
| Toluene-d8 | 3700 | | | 2600 | | | 2400 | | | | | | | | | | | |
| trans-1,3-Dichloropropene-d | 3700 | | | 2700 | | | 2500 | | | | | | | | | | | |
| 2-Hexanone-d5 | 4700 | | | 3800 | | | 3600 | | | | | | | | | | | |
| 1,4-Dioxane-d8 | 42000 | | | 43000 | | | 31000 | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane-d | 3300 | | | 2400 | | | 2400 | | | | | | | | | | | |
| 1,2-Dichlorobenzene-d4 | 3600 | | | 2700 | | | 2600 | | | | | | | | | | | |
| Hexane | 340U | U | | 250U | U | | 250U | U | | | | | | | | | | |
| Isopropanol | 340U | R | | 250U | R | | 250U | R | | | | | | | | | | |
| Percent Solids | 86% | | | 100% | | | 100% | | | | | | | | | | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation LImit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FW1
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-27R-25 | | | TMP-27R-30 | | | TMP-27R-35 | | | TMP-27-35X | | | TMP-27R-40 | | | TMP-27R-45 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FW1 | | | Y4FW2 | | | Y4FW3 | | | Y4FW4 | | | Y4FW5 | | | Y4FW6 | | |
| Collection Date : | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| Chloromethane | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| Vinyl chloride | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| Bromomethane | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| Chloroethane | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| Trichlorofluoromethane | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| 1,1-Dichloroethene | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| Acetone | 28 | | | 24 | | | 19 | | | 17 | | | 15 | | | 9.9U | U | |
| Carbon disulfide | 6.4U | U | | 2.2J | J | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| Methyl acetate | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| Methylene chloride | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| trans-1,2-Dichloroethene | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| Methyl tert-butyl ether | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| 1,1-Dichloroethane | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| cis-1,2-Dichloroethene | 6.4U | U | | 5.1U | U | | 5.9U | U | UJ | 15 | J | J | 5.8U | U | | 4.9U | U | |
| 2-Butanone | 13U | U | | 10U | U | | 12U | U | | 12U | U | | 12U | U | | 9.9U | U | |
| Bromochloromethane | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| Chloroform | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| 1,1,1-Trichloroethane | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| Cyclohexane | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| Carbon tetrachloride | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| Benzene | 3.0J | J | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| 1,2-Dichloroethane | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| 1,4-Dioxane | 130U | R | | 100U | R | | 120U | R | | 120U | R | | 120U | R | | 99U | R | |
| Trichloroethene | 6.4U | U | | 5.1U | U | | 5.9U | U | UJ | 22 | J | J | 5.8U | U | | 4.9U | U | |

Reviewed by Ali Kasech 11/21/08

QA Concurrence by E. Mutkowska 12/2/08

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FW1
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-27R-25 | | | TMP-27R-30 | | | TMP-27R-35 | | | TMP-27-35X | | | TMP-27R-40 | | | TMP-27R-45 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FW1 | | | Y4FW2 | | | Y4FW3 | | | Y4FW4 | | | Y4FW5 | | | Y4FW6 | | |
| Collection Date : | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| 1,2-Dichloropropane | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| Bromodichloromethane | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| cis-1,3-Dichloropropene | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| 4-Methyl-2-pentanone | 13U | U | | 10U | U | | 12U | U | | 12U | U | | 12U | U | | 9.9U | U | |
| Toluene | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| trans-1,3-Dichloropropene | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| 1,1,2-Trichloroethane | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| Tetrachloroethene | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| 2-Hexanone | 13U | U | | 10U | U | | 12U | U | | 12U | U | | 12U | U | | 9.9U | U | |
| Dibromochloromethane | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| 1,2-Dibromoethane | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| Chlorobenzene | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| Ethylbenzene | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| o-Xylene | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| m,p-Xylene | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| Styrene | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| Bromoform | 6.4U | R | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| Isopropylbenzene | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| 1,1,2,2-Tetrachloroethane | 6.4U | U | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| 1,3-Dichlorobenzene | 6.4U | R | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| 1,4-Dichlorobenzene | 6.4U | R | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| 1,2-Dichlorobenzene | 6.4U | R | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| 1,2-Dibromo-3-chloropropan | 6.4U | R | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| 1,2,4-Trichlorobenzene | 6.4U | R | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |
| 1,2,3-Trichlorobenzene | 6.4U | R | | 5.1U | U | | 5.9U | U | | 5.8U | U | | 5.8U | U | | 4.9U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FW1
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-27R-25 | | | TMP-27R-30 | | | TMP-27R-35 | | | TMP-27-35X | | | TMP-27R-40 | | | TMP-27R-45 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FW1 | | | Y4FW2 | | | Y4FW3 | | | Y4FW4 | | | Y4FW5 | | | Y4FW6 | | |
| Collection Date : | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 76 | | | 60 | | | 71 | | | 67 | | | 64 | | | 57 | | |
| Chloroethane-d5 | 78 | | | 60 | | | 70 | | | 66 | | | 64 | | | 57 | | |
| 1,1-Dichloroethene-d2 | 51 | | | 41 | | | 46 | | | 47 | | | 47 | | | 40 | | |
| 2-Butanone-d5 | 110 | | | 95 | | | 130 | | | 120 | | | 110 | | | 84 | | |
| Chloroform-d | 65 | | | 50 | | | 57 | | | 58 | | | 57 | | | 48 | | |
| 1,2-Dichloroethane-d4 | 64 | | | 53 | | | 61 | | | 60 | | | 58 | | | 49 | | |
| Benzene-d6 | 72 | | | 54 | | | 59 | | | 58 | | | 59 | | | 51 | | |
| 1,2-Dichloropropane-d6 | 69 | | | 53 | | | 59 | | | 59 | | | 58 | | | 51 | | |
| Toluene-d8 | 71 | | | 54 | | | 60 | | | 59 | | | 61 | | | 52 | | |
| trans-1,3-Dichloropropene-d | 69 | | | 53 | | | 63 | | | 59 | | | 59 | | | 49 | | |
| 2-Hexanone-d5 | 110 | | | 98 | | | 130 | | | 120 | | | 120 | | | 89 | | |
| 1,4-Dioxane-d8 | 830 | | | 910 | | | 920 | | | 700 | | | 1000 | | | 700 | | |
| 1,1,2,2-Tetrachloroethane-d | 57 | | | 48 | | | 59 | | | 55 | | | 54 | | | 42 | | |
| 1,2-Dichlorobenzene-d4 | 65 | | | 53 | | | 61 | | | 62 | | | 62 | | | 52 | | |
| Hexane | 0.64U | U | | 0.51U | U | | 0.59U | U | | 0.58U | U | | 0.58U | U | | 0.49U | U | |
| Isopropanol | 32U | R | | 25U | R | | 29U | R | | 29U | R | | 29U | R | | 25U | R | |
| Percent Solids | 82% | | | 85% | | | 85% | | | 85% | | | 86% | | | 92% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation LImit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FW1
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-27R-50 | | | TMP-27R-55 | | | TMP-27R-60 | | | TMP-27R-65 | | | TMP-27R-70 | | | TMP-27R-75 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FW7 | | | Y4FW8 | | | Y4FW9 | | | Y4FX0 | | | Y4FX1 | | | Y4FX2 | | |
| Collection Date : | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| Chloromethane | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| Vinyl chloride | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| Bromomethane | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| Chloroethane | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| Trichlorofluoromethane | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| 1,1-Dichloroethene | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| Acetone | 11U | U | | 12U | U | | 28 | | | 25 | | | 22 | | | 43 | | |
| Carbon disulfide | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| Methyl acetate | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| Methylene chloride | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| trans-1,2-Dichloroethene | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| Methyl tert-butyl ether | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| 1,1-Dichloroethane | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| cis-1,2-Dichloroethene | 5.9 | | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 3.0J | J | |
| 2-Butanone | 11U | U | | 12U | U | | 12U | U | | 13U | U | | 12U | U | | 12U | U | |
| Bromochloromethane | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| Chloroform | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| 1,1,1-Trichloroethane | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| Cyclohexane | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| Carbon tetrachloride | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| Benzene | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| 1,2-Dichloroethane | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| 1,4-Dioxane | 110U | R | | 120U | R | | 120U | R | | 130U | R | | 120U | R | | 120U | R | |
| Trichloroethene | 8.9 | | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 18 | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FW1
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-27R-50 | | | TMP-27R-55 | | | TMP-27R-60 | | | TMP-27R-65 | | | TMP-27R-70 | | | TMP-27R-75 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FW7 | | | Y4FW8 | | | Y4FW9 | | | Y4FX0 | | | Y4FX1 | | | Y4FX2 | | |
| Collection Date : | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| 1,2-Dichloropropane | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| Bromodichloromethane | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| cis-1,3-Dichloropropene | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| 4-Methyl-2-pentanone | 11U | U | | 12U | U | | 12U | U | | 13U | U | | 12U | U | | 12U | U | |
| Toluene | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| trans-1,3-Dichloropropene | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| 1,1,2-Trichloroethane | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| Tetrachloroethene | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| 2-Hexanone | 11U | U | | 12U | U | | 12U | U | | 13U | U | | 12U | U | | 12U | U | |
| Dibromochloromethane | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| 1,2-Dibromoethane | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| Chlorobenzene | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| Ethylbenzene | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| o-Xylene | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| m,p-Xylene | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| Styrene | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| Bromoform | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| Isopropylbenzene | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| 1,1,2,2-Tetrachloroethane | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| 1,3-Dichlorobenzene | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| 1,4-Dichlorobenzene | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| 1,2-Dichlorobenzene | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| 1,2-Dibromo-3-chloropropan | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| 1,2,4-Trichlorobenzene | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |
| 1,2,3-Trichlorobenzene | 5.3U | U | | 5.8U | U | | 6.2U | U | | 6.3U | U | | 5.8U | U | | 5.9U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FW1
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-27R-50 | | | TMP-27R-55 | | | TMP-27R-60 | | | TMP-27R-65 | | | TMP-27R-70 | | | TMP-27R-75 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FW7 | | | Y4FW8 | | | Y4FW9 | | | Y4FX0 | | | Y4FX1 | | | Y4FX2 | | |
| Collection Date : | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 57 | | | 66 | | | 75 | | | 75 | | | 68 | | | 71 | | |
| Chloroethane-d5 | 59 | | | 63 | | | 75 | | | 76 | | | 67 | | | 71 | | |
| 1,1-Dichloroethene-d2 | 40 | | | 44 | | | 48 | | | 50 | | | 43 | | | 48 | | |
| 2-Butanone-d5 | 120 | | | 100 | | | 120 | | | 110 | | | 130 | | | 100 | | |
| Chloroform-d | 54 | | | 58 | | | 66 | | | 68 | | | 57 | | | 64 | | |
| 1,2-Dichloroethane-d4 | 56 | | | 59 | | | 68 | | | 67 | | | 62 | | | 62 | | |
| Benzene-d6 | 55 | | | 59 | | | 66 | | | 67 | | | 61 | | | 65 | | |
| 1,2-Dichloropropane-d6 | 56 | | | 59 | | | 66 | | | 68 | | | 59 | | | 67 | | |
| Toluene-d8 | 56 | | | 61 | | | 67 | | | 69 | | | 60 | | | 64 | | |
| trans-1,3-Dichloropropene-d | 57 | | | 58 | | | 65 | | | 65 | | | 62 | | | 62 | | |
| 2-Hexanone-d5 | 120 | | | 110 | | | 120 | | | 120 | | | 130 | | | 110 | | |
| 1,4-Dioxane-d8 | 980 | | | 780 | | | 890 | | | 940 | | | 1300 | | | 820 | | |
| 1,1,2,2-Tetrachloroethane-d2 | 54 | | | 52 | | | 60 | | | 58 | | | 58 | | | 54 | | |
| 1,2-Dichlorobenzene-d4 | 57 | | | 61 | | | 70 | | | 73 | | | 62 | | | 66 | | |
| Hexane | 0.53U | U | | 0.58U | U | | 0.62U | U | | 0.63U | U | | 0.58U | U | | 0.59U | U | |
| Isopropanol | 27U | R | | 29U | R | | 31U | R | | 31U | R | | 29U | R | | 29U | R | |
| Percent Solids | 76% | | | 82% | | | 84% | | | 78% | | | 84% | | | 80% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation Limit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FW1
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-27R-80 | | | TMP-27R-85 | | | TMP-27R-90 | | | TMP-27R-95 | | | TMP-17R-25 | | | TMP-17R-30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FX3 | | | Y4FX4 | | | Y4FX5 | | | Y4FX6 | | | Y4FX8 | | | Y4FX9 | | |
| Collection Date : | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/22/2008 | | | 10/22/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| Chloromethane | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| Vinyl chloride | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| Bromomethane | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| Chloroethane | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| Trichlorofluoromethane | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| 1,1-Dichloroethene | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| Acetone | 17 | | | 28 | | | 110 | | | 11U | U | | 48 | | | 460 | | |
| Carbon disulfide | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| Methyl acetate | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| Methylene chloride | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| trans-1,2-Dichloroethene | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| Methyl tert-butyl ether | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| 1,1-Dichloroethane | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| cis-1,2-Dichloroethene | 5.7U | U | | 4.4J | J | | 5.5J | J | | 2.7J | J | | 5.7U | U | | 5.9U | U | |
| 2-Butanone | 11U | U | | 12U | U | | 12U | U | | 11U | U | | 11U | U | | 48 | | |
| Bromochloromethane | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| Chloroform | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| 1,1,1-Trichloroethane | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| Cyclohexane | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| Carbon tetrachloride | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| Benzene | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 2.6J | J | | 5.9U | U | |
| 1,2-Dichloroethane | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| 1,4-Dioxane | 110U | R | | 120U | R | | 120U | R | | 110U | R | | 110U | R | | 120U | R | |
| Trichloroethene | 16 | | | 72 | | | 45 | | | 5.1J | J | | 5.7U | U | | 5.7J | J | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No.: 37947 SDG No.: Y4FW1
Site: PEMACO MAYWOOD
Lab: MITKEM LABORATORIES
Reviewer:
Date:

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type:** Low Level Soil Samples for Volatiles

| Station Location: | TMP-27R-80 | | | TMP-27R-85 | | | TMP-27R-90 | | | TMP-27R-95 | | | TMP-17R-25 | | | TMP-17R-30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID: | Y4FX3 | | | Y4FX4 | | | Y4FX5 | | | Y4FX6 | | | Y4FX8 | | | Y4FX9 | | |
| Collection Date: | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/22/2008 | | | 10/22/2008 | | |
| Dilution Factor: | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| 1,2-Dichloropropane | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| Bromodichloromethane | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| cis-1,3-Dichloropropene | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| 4-Methyl-2-pentanone | 11U | U | | 12U | U | | 12U | U | | 11U | U | | 11U | U | | 12U | U | |
| Toluene | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| trans-1,3-Dichloropropene | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| 1,1,2-Trichloroethane | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| Tetrachloroethene | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| 2-Hexanone | 11U | U | | 12U | U | | 12U | U | | 11U | U | | 11U | U | | 12U | U | |
| Dibromochloromethane | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| 1,2-Dibromoethane | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| Chlorobenzene | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| Ethylbenzene | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| o-Xylene | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| m,p-Xylene | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| Styrene | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| Bromoform | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | R | * | 5.9U | U | |
| Isopropylbenzene | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| 1,1,2,2-Tetrachloroethane | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | U | | 5.9U | U | |
| 1,3-Dichlorobenzene | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | R | | 5.9U | U | |
| 1,4-Dichlorobenzene | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | R | | 5.9U | U | |
| 1,2-Dichlorobenzene | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | R | | 5.9U | U | |
| 1,2-Dibromo-3-chloropropan | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | R | | 5.9U | U | |
| 1,2,4-Trichlorobenzene | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | R | | 5.9U | U | |
| 1,2,3-Trichlorobenzene | 5.7U | U | | 5.8U | U | | 6.2U | U | | 5.3U | U | | 5.7U | R | | 5.9U | U | |

* Insufficient information is available to determine why several compounds were rejected in Y4FX8. Request for additional information was made. This data is under Tier 3 data review - to be completed in January 2009.

E.M. 12/2/08

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FW1
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-27R-80 | | | TMP-27R-85 | | | TMP-27R-90 | | | TMP-27R-95 | | | TMP-17R-25 | | | TMP-17R-30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FX3 | | | Y4FX4 | | | Y4FX5 | | | Y4FX6 | | | Y4FX8 | | | Y4FX9 | | |
| Collection Date : | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/21/2008 | | | 10/22/2008 | | | 10/22/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 66 | | | 74 | | | 83 | | | 66 | | | 70 | | | 70 | | |
| Chloroethane-d5 | 68 | | | 75 | | | 87 | | | 66 | | | 68 | | | 69 | | |
| 1,1-Dichloroethene-d2 | 46 | | | 45 | | | 49 | | | 43 | | | 44 | | | 51 | | |
| 2-Butanone-d5 | 100 | | | 100 | | | 110 | | | 99 | | | 110 | | | 120 | | |
| Chloroform-d | 62 | | | 63 | | | 70 | | | 59 | | | 58 | | | 61 | | |
| 1,2-Dichloroethane-d4 | 61 | | | 62 | | | 71 | | | 59 | | | 58 | | | 64 | | |
| Benzene-d6 | 64 | | | 64 | | | 70 | | | 57 | | | 67 | | | 65 | | |
| 1,2-Dichloropropane-d6 | 63 | | | 64 | | | 72 | | | 58 | | | 68 | | | 65 | | |
| Toluene-d8 | 62 | | | 64 | | | 68 | | | 57 | | | 65 | | | 63 | | |
| trans-1,3-Dichloropropene-d | 61 | | | 60 | | | 62 | | | 54 | | | 63 | | | 61 | | |
| 2-Hexanone-d5 | 110 | | | 110 | | | 110 | | | 100 | | | 120 | | | 130 | | |
| 1,4-Dioxane-d8 | 780 | | | 920 | | | 950 | | | 880 | | | 840 | | | 970 | | |
| 1,1,2,2-Tetrachloroethane-d | 54 | | | 55 | | | 59 | | | 51 | | | 54 | | | 58 | | |
| 1,2-Dichlorobenzene-d4 | 64 | | | 66 | | | 71 | | | 62 | | | 57 | | | 64 | | |
| Hexane | 0.57U | U | | 0.58U | U | | 0.62U | U | | 0.53U | U | | 0.57U | U | | 0.59U | U | |
| Isopropanol | 28U | R | | 29U | R | | 31U | R | | 27U | R | | 29U | R | | 30U | R | |
| Percent Solids | 80% | | | 76% | | | 82% | | | 76% | | | 81% | | | 86% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation Limit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FW1
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-17R-35 | | | TMP-17R-40 | | | | | | | | | | | | Method Blank | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FY0 | | | Y4FY1 | | | Y4FX8RE | | | Y4FW1MS | | | Y4FW1MSD | | | VBLK5V | | |
| Collection Date : | 10/22/2008 | | | 10/22/2008 | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| Chloromethane | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| Vinyl chloride | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| Bromomethane | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| Chloroethane | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| Trichlorofluoromethane | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| 1,1-Dichloroethene | 6.1U | U | | 5.3U | U | | 6.2U | U | | 56 | | | 69 | | | 5.0U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| Acetone | 33 | | | 11U | U | | 47 | | | 25 | | | 42 | | | 10U | U | |
| Carbon disulfide | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| Methyl acetate | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| Methylene chloride | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| trans-1,2-Dichloroethene | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| Methyl tert-butyl ether | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| 1,1-Dichloroethane | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| cis-1,2-Dichloroethene | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| 2-Butanone | 12U | U | | 11U | U | | 12U | U | | 12U | U | | 13U | U | | 10U | U | |
| Bromochloromethane | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| Chloroform | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| 1,1,1-Trichloroethane | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| Cyclohexane | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| Carbon tetrachloride | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| Benzene | 6.1U | U | | 5.3U | U | | 3.0J | J | | 75 | | | 85 | | | 5.0U | U | |
| 1,2-Dichloroethane | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| 1,4-Dioxane | 120U | R | | 110U | R | | 120U | R | | 120U | R | | 130U | R | | 100U | R | |
| Trichloroethene | 6.1U | U | | 5.3U | U | | 6.2U | U | | 73 | | | 85 | | | 5.0U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FW1
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-17R-35 | | | TMP-17R-40 | | | | | | | | | | | | Method Blank | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FY0 | | | Y4FY1 | | | Y4FX8RE | | | Y4FW1MS | | | Y4FW1MSD | | | VBLK5V | | |
| Collection Date : | 10/22/2008 | | | 10/22/2008 | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| 1,2-Dichloropropane | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| Bromodichloromethane | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| cis-1,3-Dichloropropene | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| 4-Methyl-2-pentanone | 12U | U | | 11U | U | | 12U | U | | 12U | U | | 13U | U | | 10U | U | |
| Toluene | 6.1U | U | | 5.3U | U | | 6.2U | U | | 73 | | | 84 | | | 5.0U | U | |
| trans-1,3-Dichloropropene | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| 1,1,2-Trichloroethane | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| Tetrachloroethene | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| 2-Hexanone | 12U | U | | 11U | U | | 12U | U | | 12U | U | | 13U | U | | 10U | U | |
| Dibromochloromethane | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| 1,2-Dibromoethane | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| Chlorobenzene | 6.1U | U | | 5.3U | U | | 6.2U | U | | 70 | | | 76 | | | 5.0U | U | |
| Ethylbenzene | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| o-Xylene | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| m,p-Xylene | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| Styrene | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| Bromoform | 6.1U | U | | 5.3U | U | | 6.2U | R | | 6.0U | R | | 6.5U | R | | 5.0U | U | |
| Isopropylbenzene | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| 1,1,2,2-Tetrachloroethane | 6.1U | U | | 5.3U | U | | 6.2U | U | | 6.0U | U | | 6.5U | U | | 5.0U | U | |
| 1,3-Dichlorobenzene | 6.1U | U | | 5.3U | U | | 6.2U | R | | 6.0U | R | | 6.5U | R | | 5.0U | U | |
| 1,4-Dichlorobenzene | 6.1U | U | | 5.3U | U | | 6.2U | R | | 6.0U | R | | 6.5U | R | | 5.0U | U | |
| 1,2-Dichlorobenzene | 6.1U | U | | 5.3U | U | | 6.2U | R | | 6.0U | R | | 6.5U | R | | 5.0U | U | |
| 1,2-Dibromo-3-chloropropan | 6.1U | U | | 5.3U | U | | 6.2U | R | | 6.0U | R | | 6.5U | R | | 5.0U | U | |
| 1,2,4-Trichlorobenzene | 6.1U | U | | 5.3U | U | | 6.2U | R | | 6.0U | R | | 6.5U | R | | 5.0U | U | |
| 1,2,3-Trichlorobenzene | 6.1U | U | | 5.3U | U | | 6.2U | R | | 6.0U | R | | 6.5U | R | | 5.0U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FW1
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-17R-35 | | | TMP-17R-40 | | | | | | | | | | | | Method Blank | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FY0 | | | Y4FY1 | | | Y4FX8RE | | | Y4FW1MS | | | Y4FW1MSD | | | VBLK5V | | |
| Collection Date : | 10/22/2008 | | | 10/22/2008 | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 82 | | | 59 | | | 71 | | | 67 | | | 78 | | | 56 | | |
| Chloroethane-d5 | 82 | | | 62 | | | 69 | | | 68 | | | 74 | | | 56 | | |
| 1,1-Dichloroethene-d2 | 56 | | | 40 | | | 48 | | | 64 | | | 76 | | | 39 | | |
| 2-Butanone-d5 | 120 | | | 110 | | | 97 | | | 110 | | | 150 | | | 93 | | |
| Chloroform-d | 67 | | | 54 | | | 62 | | | 64 | | | 64 | | | 51 | | |
| 1,2-Dichloroethane-d4 | 69 | | | 57 | | | 62 | | | 63 | | | 66 | | | 50 | | |
| Benzene-d6 | 64 | | | 54 | | | 71 | | | 64 | | | 70 | | | 52 | | |
| 1,2-Dichloropropane-d6 | 65 | | | 54 | | | 69 | | | 67 | | | 72 | | | 52 | | |
| Toluene-d8 | 62 | | | 53 | | | 70 | | | 63 | | | 69 | | | 54 | | |
| trans-1,3-Dichloropropene-d | 59 | | | 52 | | | 68 | | | 65 | | | 71 | | | 52 | | |
| 2-Hexanone-d5 | 110 | | | 100 | | | 110 | | | 110 | | | 160 | | | 85 | | |
| 1,4-Dioxane-d8 | 1100 | | | 980 | | | 790 | | | 860 | | | 1200 | | | 640 | | |
| 1,1,2,2-Tetrachloroethane-d | 60 | | | 51 | | | 52 | | | 52 | | | 68 | | | 41 | | |
| 1,2-Dichlorobenzene-d4 | 69 | | | 59 | | | 62 | | | 64 | | | 63 | | | 54 | | |
| Hexane | 0.61U | U | | 0.53U | U | | 0.62U | U | | 0.60U | U | | 0.65U | U | | 0.50U | U | |
| Isopropanol | 30U | R | | 26U | R | | 31U | R | | 30U | R | | 32U | R | | 25U | R | |
| Percent Solids | 81% | | | 97% | | | 81% | | | 82% | | | 82% | | | 100% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation Limit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Page ____ of ____

Case No. : 37947 SDG No. : Y4FW1
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | Method Blank | | | Method Blank | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | VBLK5W | | | VHBLK5W | | | CRQL | | | | | | | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | | | | | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Chloromethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Vinyl chloride | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Bromomethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Chloroethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Trichlorofluoromethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,1-Dichloroethene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Acetone | 10U | U | | 10U | U | | 10 | | | | | | | | | | | |
| Carbon disulfide | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Methyl acetate | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Methylene chloride | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| trans-1,2-Dichloroethene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Methyl tert-butyl ether | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,1-Dichloroethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| cis-1,2-Dichloroethene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 2-Butanone | 10U | U | | 10U | U | | 10 | | | | | | | | | | | |
| Bromochloromethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Chloroform | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,1,1-Trichloroethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Cyclohexane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Carbon tetrachloride | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Benzene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,2-Dichloroethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,4-Dioxane | 100U | R | | 100U | R | | 100 | | | | | | | | | | | |
| Trichloroethene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FW1
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | Method Blank | | | Method Blank | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | VBLK5W ✓ | | | VHBLK5W ✓ | | | CRQL | | | | | | | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | | | | | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,2-Dichloropropane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Bromodichloromethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| cis-1,3-Dichloropropene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 4-Methyl-2-pentanone | 10U | U | | 10U | U | | 10 | | | | | | | | | | | |
| Toluene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| trans-1,3-Dichloropropene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,1,2-Trichloroethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Tetrachloroethene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 2-Hexanone | 10U | U | | 10U | U | | 10 | | | | | | | | | | | |
| Dibromochloromethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,2-Dibromoethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Chlorobenzene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Ethylbenzene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| o-Xylene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| m,p-Xylene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Styrene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Bromoform | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Isopropylbenzene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,3-Dichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,4-Dichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,2-Dichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,2-Dibromo-3-chloropropan | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,2,3-Trichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FW1
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | Method Blank | | | Method Blank | | | CRQL | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | VBLK5W | | | VHBLK5W | | | | | | | | | | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | | | | | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 60 | | | 60 | | | NA | | | | | | | | | | | |
| Chloroethane-d5 | 62 | | | 63 | | | NA | | | | | | | | | | | |
| 1,1-Dichloroethene-d2 | 44 | | | 43 | | | NA | | | | | | | | | | | |
| 2-Butanone-d5 | 82 | | | 95 | | | NA | | | | | | | | | | | |
| Chloroform-d | 53 | | | 55 | | | NA | | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | 53 | | | 58 | | | NA | | | | | | | | | | | |
| Benzene-d6 | 55 | | | 56 | | | NA | | | | | | | | | | | |
| 1,2-Dichloropropane-d6 | 55 | | | 58 | | | NA | | | | | | | | | | | |
| Toluene-d8 | 54 | | | 56 | | | NA | | | | | | | | | | | |
| trans-1,3-Dichloropropene-d | 45 | | | 46 | | | NA | | | | | | | | | | | |
| 2-Hexanone-d5 | 72 | | | 82 | | | NA | | | | | | | | | | | |
| 1,4-Dioxane-d8 | 1000 | | | 1200 | | | NA | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane-d | 43 | | | 47 | | | NA | | | | | | | | | | | |
| 1,2-Dichlorobenzene-d4 | 58 | | | 60 | | | NA | | | | | | | | | | | |
| Hexane | 0.50U | U | | 0.50U | U | | 0.50 | | | | | | | | | | | |
| Isopropanol | 25U | R | | 25U | R | | 25 | | | | | | | | | | | |
| Percent Solids | 100% | | | 100% | | | NA | | | | | | | | | | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation LImit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FX7
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/L**

**Analysis Type :** Low Level Water Samples for Volatiles

| Station Location : | TRD-30-04 | | | TRD-30-05 | | | TRD-30-06 | | | TRD-30-07 | | | Method Blank | | | Method Blank | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FX7 | | | Y4FY3 | | | Y4FZ5 | | | Y4G12 | | | VBLK5Q | | | VBLKA5 | | |
| Collection Date : | 10/21/2008 | | | 10/22/2008 | | | 10/23/2008 | | | 10/24/2008 | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Chloromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Vinyl chloride | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Bromomethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Chloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Trichlorofluoromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,1-Dichloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Acetone | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | |
| Carbon disulfide | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Methyl acetate | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Methylene chloride | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| trans-1,2-Dichloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Methyl tert-butyl ether | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,1-Dichloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| cis-1,2-Dichloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 2-Butanone | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | |
| Bromochloromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Chloroform | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,1,1-Trichloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Cyclohexane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Carbon tetrachloride | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Benzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dichloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,4-Dioxane | 100U | R | | 100U | R | | 100U | R | | 100U | R | | 100U | R | | 100U | R | |
| Trichloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |

Reviewed by Ali Kaseeh 11/21/08

QA Concurrence by E. Mutkowske 12/2/08

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FX7
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/L**

**Analysis Type :** Low Level Water Samples for Volatiles

| Station Location : | TRD-30-04 | | | TRD-30-05 | | | TRD-30-06 | | | TRD-30-07 | | | Method Blank | | | Method Blank | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FX7 | | | Y4FY3 | | | Y4FZ5 | | | Y4G12 | | | VBLK5Q | | | VBLKA5 | | |
| Collection Date : | 10/21/2008 | EB | | 10/22/2008 | EB | | 10/23/2008 | EB | | 10/24/2008 | EB | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dichloropropane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Bromodichloromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| cis-1,3-Dichloropropene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 4-Methyl-2-pentanone | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | |
| Toluene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| trans-1,3-Dichloropropene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,1,2-Trichloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Tetrachloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 2-Hexanone | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | |
| Dibromochloromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dibromoethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Chlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Ethylbenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| o-Xylene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| m,p-Xylene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Styrene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Bromoform | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Isopropylbenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,1,2,2-Tetrachloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,3-Dichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,4-Dichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dibromo-3-chloropropan | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,2,4-Trichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,2,3-Trichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FX7
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/L**

**Analysis Type :** Low Level Water Samples for Volatiles

| Station Location : | TRD-30-04 | | | TRD-30-05 | | | TRD-30-06 | | | TRD-30-07 | | | Method Blank | | | Method Blank | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FX7 | | | Y4FY3 | | | Y4FZ5 | | | Y4G12 | | | VBLK5Q | | | VBLKA5 | | |
| Collection Date : | 10/21/2008 | | | 10/22/2008 | | | 10/23/2008 | | | 10/24/2008 | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 47 | | | 49 | | | 50 | | | 50 | | | 45 | | | 52 | | |
| Chloroethane-d5 | 53 | | | 56 | | | 57 | | | 55 | | | 45 | | | 55 | | |
| 1,1-Dichloroethene-d2 | 40 | | | 39 | | | 39 | | | 39 | | | 35 | | | 39 | | |
| 2-Butanone-d5 | 89 | | | 84 | | | 84 | | | 83 | | | 87 | | | 92 | | |
| Chloroform-d | 52 | | | 51 | | | 52 | | | 52 | | | 44 | | | 48 | | |
| 1,2-Dichloroethane-d4 | 53 | | | 54 | | | 52 | | | 52 | | | 45 | | | 49 | | |
| Benzene-d6 | 54 | | | 55 | | | 55 | | | 55 | | | 48 | | | 51 | | |
| 1,2-Dichloropropane-d6 | 52 | | | 52 | | | 53 | | | 52 | | | 46 | | | 48 | | |
| Toluene-d8 | 53 | | | 54 | | | 54 | | | 54 | | | 48 | | | 49 | | |
| trans-1,3-Dichloropropene-d | 55 | | | 54 | | | 54 | | | 55 | | | 51 | | | 51 | | |
| 2-Hexanone-d5 | 72 | | | 65 | | | 65 | | | 68 | | | 75 | | | 70 | | |
| 1,4-Dioxane-d8 | 680 | | | 670 | | | 620 | | | 590 | | | 640 | | | 640 | | |
| 1,1,2,2-Tetrachloroethane-d | 49 | | | 49 | | | 50 | | | 50 | | | 43 | | | 45 | | |
| 1,2-Dichlorobenzene-d4 | 53 | | | 56 | | | 56 | | | 55 | | | 46 | | | 49 | | |
| Hexane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Isopropanol | 250U | R | | 250U | R | | 250U | R | | 250U | R | | 250U | R | | 250U | R | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation Limit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FX7
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/L**

**Analysis Type :** Low Level Water Samples for Volatiles

| Station Location : | Method Blank | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | VHBLKA5 | | | CRQL | | | | | | | | | | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | | | | | | | | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Chloromethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Vinyl chloride | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Bromomethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Chloroethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Trichlorofluoromethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,1-Dichloroethene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Acetone | 10U | U | | 10 | | | | | | | | | | | | | | |
| Carbon disulfide | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Methyl acetate | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Methylene chloride | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| trans-1,2-Dichloroethene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Methyl tert-butyl ether | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,1-Dichloroethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| cis-1,2-Dichloroethene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 2-Butanone | 10U | U | | 10 | | | | | | | | | | | | | | |
| Bromochloromethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Chloroform | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Cyclohexane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Carbon tetrachloride | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Benzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,2-Dichloroethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,4-Dioxane | 100U | R | | 100 | | | | | | | | | | | | | | |
| Trichloroethene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FX7
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/L**

**Analysis Type :** Low Level Water Samples for Volatiles

| Station Location : | Method Blank | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | VHBLKA5 | | | CRQL | | | | | | | | | | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | | | | | | | | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,2-Dichloropropane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Bromodichloromethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| cis-1,3-Dichloropropene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 4-Methyl-2-pentanone | 10U | U | | 10 | | | | | | | | | | | | | | |
| Toluene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| trans-1,3-Dichloropropene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,1,2-Trichloroethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Tetrachloroethene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 2-Hexanone | 10U | U | | 10 | | | | | | | | | | | | | | |
| Dibromochloromethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,2-Dibromoethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Chlorobenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Ethylbenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| o-Xylene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| m,p-Xylene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Styrene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Bromoform | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Isopropylbenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,3-Dichlorobenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,4-Dichlorobenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,2-Dichlorobenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,2-Dibromo-3-chloropropan | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,2,3-Trichlorobenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FX7
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/L**

**Analysis Type :** Low Level Water Samples for Volatiles

| Station Location : | Method Blank | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | VHBLKA5 | | | CRQL | | | | | | | | | | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | | | | | | | | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 50 | | | NA | | | | | | | | | | | | | | |
| Chloroethane-d5 | 63 | | | NA | | | | | | | | | | | | | | |
| 1,1-Dichloroethene-d2 | 37 | | | NA | | | | | | | | | | | | | | |
| 2-Butanone-d5 | 91 | | | NA | | | | | | | | | | | | | | |
| Chloroform-d | 60 | | | NA | | | | | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | 64 | | | NA | | | | | | | | | | | | | | |
| Benzene-d6 | 62 | | | NA | | | | | | | | | | | | | | |
| 1,2-Dichloropropane-d6 | 62 | | | NA | | | | | | | | | | | | | | |
| Toluene-d8 | 54 | | | NA | | | | | | | | | | | | | | |
| trans-1,3-Dichloropropene-d | 59 | | | NA | | | | | | | | | | | | | | |
| 2-Hexanone-d5 | 73 | | | NA | | | | | | | | | | | | | | |
| 1,4-Dioxane-d8 | 720 | | | NA | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane-d | 62 | | | NA | | | | | | | | | | | | | | |
| 1,2-Dichlorobenzene-d4 | 59 | | | NA | | | | | | | | | | | | | | |
| Hexane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Isopropanol | 250U | R | | 250 | | | | | | | | | | | | | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation LImit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FY2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-17R-45 | | | TMP-17R-50 | | | TMP-17R-50X | | | TMP-17R-55 | | | TMP-17R-60 | | | TMP-17R-65 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FY2 | | | Y4FY4 | | | Y4FY5 | | | Y4FY6 | | | Y4FY7 | | | Y4FY8 | | |
| Collection Date : | 10/22/2008 | | | 10/23/2008 | | | 10/23/2008 | | | 10/23/2008 | | | 10/23/2008 | | | 10/23/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| Chloromethane | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| Vinyl chloride | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| Bromomethane | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| Chloroethane | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| Trichlorofluoromethane | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| 1,1-Dichloroethene | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| Acetone | 22 | | | 19 | | | 24 | | 23.3 | 170 | | | 170 | | | 150 | | |
| Carbon disulfide | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| Methyl acetate | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| Methylene chloride | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| trans-1,2-Dichloroethene | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| Methyl tert-butyl ether | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| 1,1-Dichloroethane | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| cis-1,2-Dichloroethene | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| 2-Butanone | 11U | U | | 11U | U | | 12U | U | | 12U | U | | 13U | U | | 9.8U | U | |
| Bromochloromethane | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| Chloroform | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| 1,1,1-Trichloroethane | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| Cyclohexane | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| Carbon tetrachloride | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| Benzene | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| 1,2-Dichloroethane | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| 1,4-Dioxane | 110U | R | | 110U | R | | 120U | R | | 120U | R | | 130U | R | | 98U | R | |
| Trichloroethene | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |

Dup

Reviewed by Ali Kaseeh 11/21/08

QA Concurrence by E. Mutkowske 12/2/08

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FY2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-17R-45 | | | TMP-17R-50 | | | TMP-17R-50X | | | TMP-17R-55 | | | TMP-17R-60 | | | TMP-17R-65 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FY2 | | | Y4FY4 | | | Y4FY5 | | | Y4FY6 | | | Y4FY7 | | | Y4FY8 | | |
| Collection Date : | 10/22/2008 | | | 10/23/2008 | | | 10/23/2008 | | | 10/23/2008 | | | 10/23/2008 | | | 10/23/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| 1,2-Dichloropropane | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| Bromodichloromethane | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| cis-1,3-Dichloropropene | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| 4-Methyl-2-pentanone | 11U | U | | 11U | U | | 12U | U | | 12U | U | | 13U | U | | 9.8U | U | |
| Toluene | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| trans-1,3-Dichloropropene | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| 1,1,2-Trichloroethane | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| Tetrachloroethene | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| 2-Hexanone | 11U | U | | 11U | U | | 12U | U | | 12U | U | | 13U | U | | 9.8U | U | |
| Dibromochloromethane | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| 1,2-Dibromoethane | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| Chlorobenzene | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| Ethylbenzene | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| o-Xylene | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| m,p-Xylene | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| Styrene | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| Bromoform | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| Isopropylbenzene | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| 1,1,2,2-Tetrachloroethane | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| 1,3-Dichlorobenzene | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| 1,4-Dichlorobenzene | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| 1,2-Dichlorobenzene | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| 1,2-Dibromo-3-chloropropan | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| 1,2,4-Trichlorobenzene | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |
| 1,2,3-Trichlorobenzene | 5.4U | U | | 5.6U | U | | 6.0U | U | | 5.9U | U | | 6.4U | U | | 4.9U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FY2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-17R-45 | | | TMP-17R-50 | | | TMP-17R-50X | | | TMP-17R-55 | | | TMP-17R-60 | | | TMP-17R-65 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FY2 | | | Y4FY4 | | | Y4FY5 | | | Y4FY6 | | | Y4FY7 | | | Y4FY8 | | |
| Collection Date : | 10/22/2008 | | | 10/23/2008 | | | 10/23/2008 | | | 10/23/2008 | | | 10/23/2008 | | | 10/23/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 58 | | | 62 | | | 68 | | | 63 | | | 75 | | | 66 | | |
| Chloroethane-d5 | 60 | | | 63 | | | 65 | | | 66 | | | 76 | | | 64 | | |
| 1,1-Dichloroethene-d2 | 39 | | | 40 | | | 45 | | | 43 | | | 49 | | | 40 | | |
| 2-Butanone-d5 | 87 | | | 90 | | | 95 | | | 100 | | | 120 | | | 84 | | |
| Chloroform-d | 56 | | | 55 | | | 61 | | | 60 | | | 66 | | | 52 | | |
| 1,2-Dichloroethane-d4 | 55 | | | 54 | | | 61 | | | 60 | | | 66 | | | 53 | | |
| Benzene-d6 | 55 | | | 58 | | | 62 | | | 61 | | | 66 | | | 54 | | |
| 1,2-Dichloropropane-d6 | 56 | | | 57 | | | 61 | | | 60 | | | 67 | | | 53 | | |
| Toluene-d8 | 55 | | | 57 | | | 61 | | | 59 | | | 66 | | | 52 | | |
| trans-1,3-Dichloropropene-d | 51 | | | 52 | | | 56 | | | 56 | | | 59 | | | 46 | | |
| 2-Hexanone-d5 | 90 | | | 100 | | | 100 | | | 100 | | | 120 | | | 87 | | |
| 1,4-Dioxane-d8 | 810 | | | 770 | | | 820 | | | 750 | | | 980 | | | 710 | | |
| 1,1,2,2-Tetrachloroethane-d2 | 47 | | | 49 | | | 51 | | | 53 | | | 57 | | | 47 | | |
| 1,2-Dichlorobenzene-d4 | 59 | | | 60 | | | 67 | | | 61 | | | 73 | | | 56 | | |
| Hexane | 0.54U | U | | 0.56U | U | | 0.60U | U | | 0.59U | U | | 0.64U | U | | 0.49U | U | |
| Isopropanol | 27U | R | | 28U | R | | 30U | R | | 29U | R | | 32U | R | | 25U | R | |
| Percent Solids | 84% | | | 79% | | | 78% | | | 85% | | | 85% | | | 100% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation LImit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FY2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-17R-70 | | | TMP-17R-75 | | | TMP-17R-80 | | | TMP-17R-85 | | | TMP-17R-90 | | | TMP-17R-95 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FY9 | | | Y4FZ0 | | | Y4FZ1 | | | Y4FZ2 | | | Y4FZ3 | | | Y4FZ4 | | |
| Collection Date : | 10/23/2008 | | | 10/23/2008 | | | 10/23/2008 | | | 10/23/2008 | | | 10/23/2008 | | | 10/23/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| Chloromethane | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| Vinyl chloride | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| Bromomethane | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| Chloroethane | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| Trichlorofluoromethane | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| 1,1-Dichloroethene | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| Acetone | 210 | | | 230 | | | 140 | | | 49 | | | 190 | | | 110 | | |
| Carbon disulfide | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| Methyl acetate | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| Methylene chloride | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| trans-1,2-Dichloroethene | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| Methyl tert-butyl ether | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| 1,1-Dichloroethane | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| cis-1,2-Dichloroethene | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 4.3J | J | | 5.2J | J | |
| 2-Butanone | 14U | U | | 13U | U | | 13U | U | | 13U | U | | 29 | | | 14U | U | |
| Bromochloromethane | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| Chloroform | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| 1,1,1-Trichloroethane | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| Cyclohexane | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| Carbon tetrachloride | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| Benzene | 7.2U | U | | 3.2J | J | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| 1,2-Dichloroethane | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| 1,4-Dioxane | 140U | R | | 130U | R | | 130U | R | | 130U | R | | 110U | R | | 140U | R | |
| Trichloroethene | 7.2U | U | | 6.7U | U | | 6.5U | U | | 5.6J | J | | 51 | | | 34 | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FY2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-17R-70 | | | TMP-17R-75 | | | TMP-17R-80 | | | TMP-17R-85 | | | TMP-17R-90 | | | TMP-17R-95 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FY9 | | | Y4FZ0 | | | Y4FZ1 | | | Y4FZ2 | | | Y4FZ3 | | | Y4FZ4 | | |
| Collection Date : | 10/23/2008 | | | 10/23/2008 | | | 10/23/2008 | | | 10/23/2008 | | | 10/23/2008 | | | 10/23/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| 1,2-Dichloropropane | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| Bromodichloromethane | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| cis-1,3-Dichloropropene | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| 4-Methyl-2-pentanone | 14U | U | | 13U | U | | 13U | U | | 13U | U | | 11U | U | | 14U | U | |
| Toluene | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| trans-1,3-Dichloropropene | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| 1,1,2-Trichloroethane | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| Tetrachloroethene | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| 2-Hexanone | 14U | U | | 13U | U | | 13U | U | | 13U | U | | 11U | U | | 14U | U | |
| Dibromochloromethane | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| 1,2-Dibromoethane | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| Chlorobenzene | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| Ethylbenzene | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| o-Xylene | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| m,p-Xylene | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| Styrene | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| Bromoform | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| Isopropylbenzene | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| 1,1,2,2-Tetrachloroethane | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| 1,3-Dichlorobenzene | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| 1,4-Dichlorobenzene | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| 1,2-Dichlorobenzene | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| 1,2-Dibromo-3-chloropropan | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| 1,2,4-Trichlorobenzene | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |
| 1,2,3-Trichlorobenzene | 7.2U | U | | 6.7U | U | | 6.5U | U | | 6.3U | U | | 5.6U | U | | 6.9U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FY2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-17R-70 | | | TMP-17R-75 | | | TMP-17R-80 | | | TMP-17R-85 | | | TMP-17R-90 | | | TMP-17R-95 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FY9 | | | Y4FZ0 | | | Y4FZ1 | | | Y4FZ2 | | | Y4FZ3 | | | Y4FZ4 | | |
| Collection Date : | 10/23/2008 | | | 10/23/2008 | | | 10/23/2008 | | | 10/23/2008 | | | 10/23/2008 | | | 10/23/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 87 | | | 76 | | | 82 | | | 69 | | | 64 | | | 77 | | |
| Chloroethane-d5 | 85 | | | 80 | | | 80 | | | 71 | | | 63 | | | 77 | | |
| 1,1-Dichloroethene-d2 | 53 | | | 49 | | | 49 | | | 47 | | | 42 | | | 56 | | |
| 2-Butanone-d5 | 110 | | | 110 | | | 110 | | | 110 | | | 100 | | | 120 | | |
| Chloroform-d | 73 | | | 70 | | | 70 | | | 66 | | | 52 | | | 73 | | |
| 1,2-Dichloroethane-d4 | 72 | | | 69 | | | 70 | | | 66 | | | 51 | | | 72 | | |
| Benzene-d6 | 77 | | | 71 | | | 68 | | | 67 | | | 62 | | | 73 | | |
| 1,2-Dichloropropane-d6 | 76 | | | 69 | | | 67 | | | 66 | | | 63 | | | 76 | | |
| Toluene-d8 | 77 | | | 68 | | | 67 | | | 64 | | | 61 | | | 71 | | |
| trans-1,3-Dichloropropene-d | 68 | | | 62 | | | 60 | | | 59 | | | 57 | | | 64 | | |
| 2-Hexanone-d5 | 120 | | | 110 | | | 120 | | | 120 | | | 110 | | | 120 | | |
| 1,4-Dioxane-d8 | 910 | | | 940 | | | 1000 | | | 970 | | | 1100 | | | 1000 | | |
| 1,1,2,2-Tetrachloroethane-d | 61 | | | 59 | | | 61 | | | 57 | | | 51 | | | 63 | | |
| 1,2-Dichlorobenzene-d4 | 79 | | | 74 | | | 73 | | | 66 | | | 54 | | | 73 | | |
| Hexane | 0.72U | U | | 0.67U | U | | 0.65U | U | | 0.63U | U | | 0.56U | U | | 0.69U | U | |
| Isopropanol | 36U | R | | 33U | R | | 32U | R | | 31U | R | | 28U | R | | 34U | R | |
| Percent Solids | 81% | | | 78% | | | 84% | | | 80% | | | 84% | | | 74% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation Limit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FY2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-19R-25 | | | TMP-19R-30 | | | TMP-19R-30X | | | TMP-19R-35 | | | TMP-19R-40 | | | TMP-19R-45 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FZ6 | | | Y4FZ7 | | | Y4FZ8 | | | Y4FZ9 | | | Y4G00 | | | Y4G01 | | |
| Collection Date : | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| Chloromethane | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| Vinyl chloride | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| Bromomethane | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| Chloroethane | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| Trichlorofluoromethane | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| 1,1-Dichloroethene | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| Acetone | 64 | | | 240 | | | 340 | | 34.4 | 14 | | | 11J | J | | 16 | | |
| Carbon disulfide | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| Methyl acetate | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| Methylene chloride | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| trans-1,2-Dichloroethene | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| Methyl tert-butyl ether | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| 1,1-Dichloroethane | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| cis-1,2-Dichloroethene | 6.0U | U | | 5.1J | J | | 5.2J | J | 1.9 | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| 2-Butanone | 12U | U | | 31 | | | 50 | | 46.9 | 12U | U | | 11U | U | | 12U | U | |
| Bromochloromethane | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| Chloroform | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| 1,1,1-Trichloroethane | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| Cyclohexane | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| Carbon tetrachloride | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| Benzene | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| 1,2-Dichloroethane | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| 1,4-Dioxane | 120U | R | | 120U | R | | 120U | R | | 120U | R | | 110U | R | | 120U | R | |
| Trichloroethene | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |

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**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FY2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-19R-25 | | | TMP-19R-30 | | | TMP-19R-30X | | | TMP-19R-35 | | | TMP-19R-40 | | | TMP-19R-45 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FZ6 | | | Y4FZ7 | | | Y4FZ8 | | | Y4FZ9 | | | Y4G00 | | | Y4G01 | | |
| Collection Date : | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| 1,2-Dichloropropane | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| Bromodichloromethane | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| cis-1,3-Dichloropropene | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| 4-Methyl-2-pentanone | 12U | U | | 12U | U | | 12U | U | | 12U | U | | 11U | U | | 12U | U | |
| Toluene | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| trans-1,3-Dichloropropene | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| 1,1,2-Trichloroethane | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| Tetrachloroethene | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| 2-Hexanone | 12U | U | | 12U | U | | 12U | U | | 12U | U | | 11U | U | | 12U | U | |
| Dibromochloromethane | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| 1,2-Dibromoethane | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| Chlorobenzene | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| Ethylbenzene | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| o-Xylene | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| m,p-Xylene | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| Styrene | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| Bromoform | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| Isopropylbenzene | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| 1,1,2,2-Tetrachloroethane | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| 1,3-Dichlorobenzene | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| 1,4-Dichlorobenzene | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| 1,2-Dichlorobenzene | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| 1,2-Dibromo-3-chloropropan | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| 1,2,4-Trichlorobenzene | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |
| 1,2,3-Trichlorobenzene | 6.0U | U | | 6.1U | U | | 5.9U | U | | 6.0U | U | | 5.3U | U | | 6.0U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FY2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-19R-25 | | | TMP-19R-30 | | | TMP-19R-30X | | | TMP-19R-35 | | | TMP-19R-40 | | | TMP-19R-45 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4FZ6 | | | Y4FZ7 | | | Y4FZ8 | | | Y4FZ9 | | | Y4G00 | | | Y4G01 | | |
| Collection Date : | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 69 | | | 63 | | | 61 | | | 64 | | | 57 | | | 64 | | |
| Chloroethane-d5 | 64 | | | 65 | | | 63 | | | 63 | | | 55 | | | 65 | | |
| 1,1-Dichloroethene-d2 | 47 | | | 48 | | | 41 | | | 47 | | | 41 | | | 47 | | |
| 2-Butanone-d5 | 130 | | | 120 | | | 120 | | | 110 | | | 94 | | | 110 | | |
| Chloroform-d | 58 | | | 58 | | | 56 | | | 56 | | | 52 | | | 57 | | |
| 1,2-Dichloroethane-d4 | 60 | | | 60 | | | 60 | | | 57 | | | 54 | | | 59 | | |
| Benzene-d6 | 60 | | | 61 | | | 61 | | | 59 | | | 54 | | | 58 | | |
| 1,2-Dichloropropane-d6 | 62 | | | 62 | | | 60 | | | 56 | | | 54 | | | 58 | | |
| Toluene-d8 | 63 | | | 62 | | | 61 | | | 60 | | | 55 | | | 60 | | |
| trans-1,3-Dichloropropene-d | 63 | | | 62 | | | 60 | | | 56 | | | 54 | | | 54 | | |
| 2-Hexanone-d5 | 130 | | | 130 | | | 130 | | | 120 | | | 100 | | | 110 | | |
| 1,4-Dioxane-d8 | 1100 | | | 1100 | | | 1200 | | | 1100 | | | 870 | | | 860 | | |
| 1,1,2,2-Tetrachloroethane-d | 60 | | | 58 | | | 55 | | | 53 | | | 51 | | | 54 | | |
| 1,2-Dichlorobenzene-d4 | 62 | | | 64 | | | 59 | | | 61 | | | 58 | | | 63 | | |
| Hexane | 0.60U | U | | 0.61U | U | | 0.59U | U | | 0.60U | U | | 0.53U | U | | 0.60U | U | |
| Isopropanol | 30U | R | | 30U | R | | 29U | R | | 30U | R | | 27U | R | | 30U | R | |
| Percent Solids | 82% | | | 86% | | | 87% | | | 83% | | | 94% | | | 87% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation LImit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FY2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-19R-50 | | | TMP-19R-75 | | | Y4G07MS | | | Y4G07MSD | | | Method Blank | | | Method Blank | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G02 | | | Y4G07 | | | | | | | | | VBLK5W | | | VBLK5Y | | |
| Collection Date : | 10/24/2008 | | | 10/24/2008 | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Chloromethane | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Vinyl chloride | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Bromomethane | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Chloroethane | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Trichlorofluoromethane | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,1-Dichloroethene | 6.7U | U | | 7.2U | U | | 59 | | | 58 | | | 5.0U | U | | 5.0U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Acetone | 29 | | | 140 | | | 110 | | | 97 | | | 10U | U | | 10U | U | |
| Carbon disulfide | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Methyl acetate | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Methylene chloride | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| trans-1,2-Dichloroethene | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Methyl tert-butyl ether | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,1-Dichloroethane | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| cis-1,2-Dichloroethene | 6.7U | U | | 5.1J | J | | 5.8J | J | | 4.7J | J | | 5.0U | U | | 5.0U | U | |
| 2-Butanone | 13U | U | | 14U | U | | 14U | U | | 13U | U | | 10U | U | | 10U | U | |
| Bromochloromethane | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Chloroform | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,1,1-Trichloroethane | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Cyclohexane | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Carbon tetrachloride | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Benzene | 6.7U | U | | 7.2U | U | | 74 | | | 69 | | | 5.0U | U | | 5.0U | U | |
| 1,2-Dichloroethane | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,4-Dioxane | 130U | R | | 140U | R | | 140U | R | | 130U | R | | 100U | R | | 100U | R | |
| Trichloroethene | 6.7U | U | | 74 | | | 160 | | | 150 | | | 5.0U | U | | 5.0U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FY2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-19R-50 | | | TMP-19R-75 | | | | | | | | | Method Blank | | | Method Blank | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G02 | | | Y4G07 | | | Y4G07MS | | | Y4G07MSD | | | VBLK5W | | | VBLK5Y | | |
| Collection Date : | 10/24/2008 | | | 10/24/2008 | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dichloropropane | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Bromodichloromethane | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| cis-1,3-Dichloropropene | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 4-Methyl-2-pentanone | 13U | U | | 14U | U | | 14U | U | | 13U | U | | 10U | U | | 10U | U | |
| Toluene | 6.7U | U | | 7.2U | U | | 75 | | | 71 | | | 5.0U | U | | 5.0U | U | |
| trans-1,3-Dichloropropene | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,1,2-Trichloroethane | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Tetrachloroethene | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 2-Hexanone | 13U | U | | 14U | U | | 14U | U | | 13U | U | | 10U | U | | 10U | U | |
| Dibromochloromethane | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dibromoethane | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Chlorobenzene | 6.7U | U | | 7.2U | U | | 76 | | | 73 | | | 5.0U | U | | 5.0U | U | |
| Ethylbenzene | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| o-Xylene | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| m,p-Xylene | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Styrene | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Bromoform | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Isopropylbenzene | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,1,2,2-Tetrachloroethane | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,3-Dichlorobenzene | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,4-Dichlorobenzene | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dichlorobenzene | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dibromo-3-chloropropan | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,2,4-Trichlorobenzene | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,2,3-Trichlorobenzene | 6.7U | U | | 7.2U | U | | 6.8U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FY2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-19R-50 | | | TMP-19R-75 | | | | | | | | | Method Blank | | | Method Blank | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G02 | | | Y4G07 | | | Y4G07MS | | | Y4G07MSD | | | VBLK5W | | | VBLK5Y | | |
| Collection Date : | 10/24/2008 | | | 10/24/2008 | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 77 | | | 80 | | | 74 | | | 73 | | | 60 | | | 57 | | |
| Chloroethane-d5 | 76 | | | 81 | | | 76 | | | 74 | | | 62 | | | 55 | | |
| 1,1-Dichloroethene-d2 | 55 | | | 54 | | | 69 | | | 68 | | | 44 | | | 37 | | |
| 2-Butanone-d5 | 120 | | | 130 | | | 110 | | | 90 | | | 82 | | | 73 | | |
| Chloroform-d | 65 | | | 72 | | | 64 | | | 64 | | | 53 | | | 51 | | |
| 1,2-Dichloroethane-d4 | 67 | | | 73 | | | 64 | | | 60 | | | 53 | | | 49 | | |
| Benzene-d6 | 67 | | | 72 | | | 66 | | | 65 | | | 55 | | | 53 | | |
| 1,2-Dichloropropane-d6 | 66 | | | 73 | | | 66 | | | 64 | | | 55 | | | 51 | | |
| Toluene-d8 | 67 | | | 72 | | | 65 | | | 63 | | | 54 | | | 53 | | |
| trans-1,3-Dichloropropene-d | 62 | | | 66 | | | 62 | | | 58 | | | 45 | | | 48 | | |
| 2-Hexanone-d5 | 130 | | | 140 | | | 110 | | | 95 | | | 72 | | | 65 | | |
| 1,4-Dioxane-d8 | 1100 | | | 1100 | | | 920 | | | 930 | | | 1000 | | | 680 | | |
| 1,1,2,2-Tetrachloroethane-d | 62 | | | 68 | | | 58 | | | 53 | | | 43 | | | 37 | | |
| 1,2-Dichlorobenzene-d4 | 73 | | | 79 | | | 72 | | | 74 | | | 58 | | | 53 | | |
| Hexane | 0.67U | U | | 0.72U | U | | 0.68U | U | | 0.66U | U | | 0.50U | U | | 0.50U | U | |
| Isopropanol | 34U | R | | 36U | R | | 34U | R | | 33U | R | | 25U | R | | 25U | R | |
| Percent Solids | 76% | | | 77% | | | 77% | | | 77% | | | 100% | | | 100% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation LImit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FY2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | Method Blank | | | Method Blank | | | CRQL | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | VBLKC5 | | | VHBLKC5 | | | | | | | | | | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | | | | | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Chloromethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Vinyl chloride | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Bromomethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Chloroethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Trichlorofluoromethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,1-Dichloroethene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Acetone | 10U | U | | 10U | U | | 10 | | | | | | | | | | | |
| Carbon disulfide | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Methyl acetate | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Methylene chloride | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| trans-1,2-Dichloroethene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Methyl tert-butyl ether | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,1-Dichloroethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| cis-1,2-Dichloroethene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 2-Butanone | 10U | U | | 10U | U | | 10 | | | | | | | | | | | |
| Bromochloromethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Chloroform | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,1,1-Trichloroethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Cyclohexane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Carbon tetrachloride | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Benzene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,2-Dichloroethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,4-Dioxane | 100U | R | | 100U | R | | 100 | | | | | | | | | | | |
| Trichloroethene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FY2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | Method Blank | | | Method Blank | | | CRQL | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | VBLKC5 | | | VHBLKC5 | | | | | | | | | | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | | | | | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,2-Dichloropropane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Bromodichloromethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| cis-1,3-Dichloropropene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 4-Methyl-2-pentanone | 10U | U | | 10U | U | | 10 | | | | | | | | | | | |
| Toluene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| trans-1,3-Dichloropropene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,1,2-Trichloroethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Tetrachloroethene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 2-Hexanone | 10U | U | | 10U | U | | 10 | | | | | | | | | | | |
| Dibromochloromethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,2-Dibromoethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Chlorobenzene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Ethylbenzene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| o-Xylene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| m,p-Xylene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Styrene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Bromoform | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| Isopropylbenzene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,3-Dichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,4-Dichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,2-Dichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,2-Dibromo-3-chloropropan | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |
| 1,2,3-Trichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0 | | | | | | | | | | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4FY2
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | Method Blank | | | Method Blank | | | CRQL | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | VBLKC5 | | | VHBLKC5 | | | | | | | | | | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | | | | | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 52 | | | 51 | | | NA | | | | | | | | | | | |
| Chloroethane-d5 | 53 | | | 55 | | | NA | | | | | | | | | | | |
| 1,1-Dichloroethene-d2 | 39 | | | 39 | | | NA | | | | | | | | | | | |
| 2-Butanone-d5 | 59 | | | 50 | | | NA | | | | | | | | | | | |
| Chloroform-d | 47 | | | 49 | | | NA | | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | 45 | | | 45 | | | NA | | | | | | | | | | | |
| Benzene-d6 | 51 | | | 51 | | | NA | | | | | | | | | | | |
| 1,2-Dichloropropane-d6 | 48 | | | 49 | | | NA | | | | | | | | | | | |
| Toluene-d8 | 51 | | | 52 | | | NA | | | | | | | | | | | |
| trans-1,3-Dichloropropene-d | 45 | | | 41 | | | NA | | | | | | | | | | | |
| 2-Hexanone-d5 | 53 | | | 47 | | | NA | | | | | | | | | | | |
| 1,4-Dioxane-d8 | 520 | | | 590 | | | NA | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane-d | 34 | | | 34 | | | NA | | | | | | | | | | | |
| 1,2-Dichlorobenzene-d4 | 51 | | | 52 | | | NA | | | | | | | | | | | |
| Hexane | 0.50U | U | | 0.50U | U | | 0.50 | | | | | | | | | | | |
| Isopropanol | 25U | R | | 25U | R | | 25 | | | | | | | | | | | |
| Percent Solids | 100% | | | 100% | | | NA | | | | | | | | | | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation Limit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G03
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-19R-55 | | | TMP-19R-60 | | | TMP-19R-65 | | | TMP-19R-70 | | | TMP-19R-80 | | | TMP-19R-85 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G03 | | | Y4G04 | | | Y4G05 | | | Y4G06 | | | Y4G08 | | | Y4G09 | | |
| Collection Date : | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| Chloromethane | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| Vinyl chloride | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| Bromomethane | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| Chloroethane | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| Trichlorofluoromethane | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| 1,1-Dichloroethene | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| Acetone | 19 | | | 18 | | | 36 | | | 79 | | | 60 | | | 270 | | |
| Carbon disulfide | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| Methyl acetate | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| Methylene chloride | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| trans-1,2-Dichloroethene | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| Methyl tert-butyl ether | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| 1,1-Dichloroethane | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| cis-1,2-Dichloroethene | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.3J | J | | 7.8 | | |
| 2-Butanone | 12U | U | | 12U | U | | 13U | U | | 11U | U | | 14U | U | | 39 | | |
| Bromochloromethane | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| Chloroform | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| 1,1,1-Trichloroethane | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| Cyclohexane | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| Carbon tetrachloride | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| Benzene | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| 1,2-Dichloroethane | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| 1,4-Dioxane | 120U | R | | 120U | R | | 130U | R | | 110U | R | | 140U | R | | 120U | R | |
| Trichloroethene | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 71 | | | 6.1U | U | |

Reviewed by Ali Kaseeh 11/21/08

QA Concurrence by E. Mutkowska 12/2/08

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G03
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-19R-55 | | | TMP-19R-60 | | | TMP-19R-65 | | | TMP-19R-70 | | | TMP-19R-80 | | | TMP-19R-85 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G03 ✓ | | | Y4G04 ✓ | | | Y4G05 ✓ | | | Y4G06 ✓ | | | Y4G08 ✓ | | | Y4G09 ✓ | | |
| Collection Date : | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| 1,2-Dichloropropane | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| Bromodichloromethane | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| cis-1,3-Dichloropropene | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| 4-Methyl-2-pentanone | 12U | U | | 12U | U | | 13U | U | | 11U | U | | 14U | U | | 12U | U | |
| Toluene | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| trans-1,3-Dichloropropene | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| 1,1,2-Trichloroethane | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| Tetrachloroethene | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| 2-Hexanone | 12U | U | | 12U | U | | 13U | U | | 11U | U | | 14U | U | | 12U | U | |
| Dibromochloromethane | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| 1,2-Dibromoethane | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| Chlorobenzene | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| Ethylbenzene | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| o-Xylene | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| m,p-Xylene | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| Styrene | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| Bromoform | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| Isopropylbenzene | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| 1,1,2,2-Tetrachloroethane | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| 1,3-Dichlorobenzene | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| 1,4-Dichlorobenzene | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| 1,2-Dichlorobenzene | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| 1,2-Dibromo-3-chloropropan | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| 1,2,4-Trichlorobenzene | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |
| 1,2,3-Trichlorobenzene | 6.0U | U | | 5.9U | U | | 6.5U | U | | 5.5U | U | | 6.8U | U | | 6.1U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G03
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-19R-55 | | | TMP-19R-60 | | | TMP-19R-65 | | | TMP-19R-70 | | | TMP-19R-80 | | | TMP-19R-85 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G03 ✓ | | | Y4G04 ✓ | | | Y4G05 ✓ | | | Y4G06 ✓ | | | Y4G08 ✓ | | | Y4G09 ✓ | | |
| Collection Date : | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | | 10/24/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 62 | | | 59 | | | 74 | | | 58 | | | 64 | | | 52 | | |
| Chloroethane-d5 | 63 | | | 61 | | | 71 | | | 59 | | | 66 | | | 56 | | |
| 1,1-Dichloroethene-d2 | 48 | | | 43 | | | 49 | | | 40 | | | 47 | | | 44 | | |
| 2-Butanone-d5 | 120 | | | 97 | | | 96 | | | 92 | | | 110 | | | 99 | | |
| Chloroform-d | 58 | | | 56 | | | 64 | | | 52 | | | 61 | | | 54 | | |
| 1,2-Dichloroethane-d4 | 60 | | | 54 | | | 61 | | | 52 | | | 63 | | | 53 | | |
| Benzene-d6 | 58 | | | 59 | | | 64 | | | 56 | | | 67 | | | 59 | | |
| 1,2-Dichloropropane-d6 | 58 | | | 56 | | | 62 | | | 55 | | | 67 | | | 55 | | |
| Toluene-d8 | 59 | | | 58 | | | 64 | | | 56 | | | 68 | | | 61 | | |
| trans-1,3-Dichloropropene-d | 54 | | | 52 | | | 57 | | | 49 | | | 60 | | | 58 | | |
| 2-Hexanone-d5 | 120 | | | 100 | | | 99 | | | 100 | | | 120 | | | 110 | | |
| 1,4-Dioxane-d8 | 1200 | | | 970 | | | 960 | | | 710 | | | 1100 | | | 770 | | |
| 1,1,2,2-Tetrachloroethane-d | 57 | | | 50 | | | 58 | | | 50 | | | 58 | | | 49 | | |
| 1,2-Dichlorobenzene-d4 | 63 | | | 62 | | | 69 | | | 58 | | | 71 | | | 60 | | |
| Hexane | 0.60U | U | | 0.59U | U | | 0.65U | U | | 0.55U | U | | 0.68U | U | | 0.61U | U | |
| Isopropanol | 30U | R | | 29U | R | | 32U | R | | 28U | R | | 34U | R | | 31U | R | |
| Percent Solids | 83% | | | 85% | | | 77% | | | 89% | | | 74% | | | 74% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation LImit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G03
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-19R-90 | | | TMP-19R-95 | | | Method Blank | | | Method Blank | | | Method Blank | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G10 | | | Y4G11 | | | VBLKC5 | | | VBLKD5 | | | VHBLKD5 | | | CRQL | | |
| Collection Date : | 10/24/2008 | | | 10/24/2008 | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Chloromethane | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Vinyl chloride | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Bromomethane | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Chloroethane | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Trichlorofluoromethane | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,1-Dichloroethene | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Acetone | 230 | | | 110 | | | 10U | U | | 10U | U | | 10U | U | | 10 | | |
| Carbon disulfide | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Methyl acetate | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Methylene chloride | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| trans-1,2-Dichloroethene | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Methyl tert-butyl ether | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,1-Dichloroethane | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| cis-1,2-Dichloroethene | 6.2 | | | 5.0J | J | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 2-Butanone | 33 | | | 14U | U | | 10U | U | | 10U | U | | 10U | U | | 10 | | |
| Bromochloromethane | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Chloroform | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,1,1-Trichloroethane | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Cyclohexane | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Carbon tetrachloride | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Benzene | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,2-Dichloroethane | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,4-Dioxane | 120U | R | | 140U | R | | 100U | R | | 100U | R | | 100U | R | | 100 | | |
| Trichloroethene | 6.0U | U | | 34 | | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G03
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-19R-90 | | | TMP-19R-95 | | | Method Blank | | | Method Blank | | | Method Blank | | | CRQL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G10 | | | Y4G11 | | | VBLKC5 | | | VBLKD5 | | | VHBLKD5 | | | | | |
| Collection Date : | 10/24/2008 | | | 10/24/2008 | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,2-Dichloropropane | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Bromodichloromethane | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| cis-1,3-Dichloropropene | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 4-Methyl-2-pentanone | 12U | U | | 14U | U | | 10U | U | | 10U | U | | 10U | U | | 10 | | |
| Toluene | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| trans-1,3-Dichloropropene | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,1,2-Trichloroethane | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Tetrachloroethene | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 2-Hexanone | 12U | U | | 14U | U | | 10U | U | | 10U | U | | 10U | U | | 10 | | |
| Dibromochloromethane | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,2-Dibromoethane | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Chlorobenzene | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Ethylbenzene | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| o-Xylene | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| m,p-Xylene | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Styrene | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Bromoform | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| Isopropylbenzene | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,1,2,2-Tetrachloroethane | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,3-Dichlorobenzene | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,4-Dichlorobenzene | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,2-Dichlorobenzene | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,2-Dibromo-3-chloropropan | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,2,4-Trichlorobenzene | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |
| 1,2,3-Trichlorobenzene | 6.0U | U | | 7.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G03
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-19R-90 | | | TMP-19R-95 | | | Method Blank | | | Method Blank | | | Method Blank | | | CRQL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G10 | | | Y4G11 | | | VBLKC5 | | | VBLKD5 | | | VHBLKD5 | | | | | |
| Collection Date : | 10/24/2008 | | | 10/24/2008 | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 52 | | | 74 | | | 52 | | | 51 | | | 46 | | | NA | | |
| Chloroethane-d5 | 53 | | | 75 | | | 53 | | | 50 | | | 48 | | | NA | | |
| 1,1-Dichloroethene-d2 | 43 | | | 53 | | | 39 | | | 40 | | | 34 | | | NA | | |
| 2-Butanone-d5 | 90 | | | 140 | | | 59 | | | 53 | | | 77 | | | NA | | |
| Chloroform-d | 52 | | | 69 | | | 47 | | | 47 | | | 46 | | | NA | | |
| 1,2-Dichloroethane-d4 | 50 | | | 70 | | | 45 | | | 42 | | | 47 | | | NA | | |
| Benzene-d6 | 57 | | | 74 | | | 51 | | | 52 | | | 45 | | | NA | | |
| 1,2-Dichloropropane-d6 | 53 | | | 71 | | | 48 | | | 50 | | | 45 | | | NA | | |
| Toluene-d8 | 61 | | | 70 | | | 51 | | | 52 | | | 47 | | | NA | | |
| trans-1,3-Dichloropropene-d | 56 | | | 66 | | | 45 | | | 40 | | | 46 | | | NA | | |
| 2-Hexanone-d5 | 110 | | | 150 | | | 53 | | | 48 | | | 70 | | | NA | | |
| 1,4-Dioxane-d8 | 720 | | | 1200 | | | 520 | | | 620 | | | 660 | | | NA | | |
| 1,1,2,2-Tetrachloroethane-d | 47 | | | 70 | | | 34 | | | 34 | | | 38 | | | NA | | |
| 1,2-Dichlorobenzene-d4 | 57 | | | 77 | | | 51 | | | 52 | | | 49 | | | NA | | |
| Hexane | 0.60U | U | | 0.70U | U | | 0.50U | U | | 0.50U | U | | 0.50U | U | | 0.50 | | |
| Isopropanol | 30U | R | | 35U | R | | 25U | R | | 25U | R | | 25U | R | | 25 | | |
| Percent Solids | 77% | | | 74% | | | 100% | | | 100% | | | 100% | | | NA | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation Limit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G13
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-11R-25 | | | TMP-11R-25X | | | TMP-11R-30 | | | TMP-11R-35 | | | TMP-11R-40 | | | TMP-11R-45 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G13 | | | Y4G14 | | | Y4G15 | | | Y4G16 | | | Y4G17 | | | Y4G18 | | |
| Collection Date : | 10/27/2008 | | | 10/27/2008 | | | 10/27/2008 | | | 10/27/2008 | | | 10/27/2008 | | | 10/27/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| Chloromethane | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| Vinyl chloride | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| Bromomethane | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| Chloroethane | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| Trichlorofluoromethane | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| 1,1-Dichloroethene | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| Acetone | 13U | U | | 13U | U | | 18 | | | 21 | | | 13 | | | 15 | | |
| Carbon disulfide | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| Methyl acetate | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| Methylene chloride | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| trans-1,2-Dichloroethene | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| Methyl tert-butyl ether | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| 1,1-Dichloroethane | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| cis-1,2-Dichloroethene | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| 2-Butanone | 13U | U | | 13U | U | | 11U | U | | 11U | U | | 8.8U | U | | 9.5U | U | |
| Bromochloromethane | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| Chloroform | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| 1,1,1-Trichloroethane | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| Cyclohexane | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| Carbon tetrachloride | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| Benzene | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| 1,2-Dichloroethane | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| 1,4-Dioxane | 130U | R | | 130U | R | | 110U | R | | 110U | R | | 88U | R | | 95U | R | |
| Trichloroethene | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |

DWR

%RPD

QA Concurrence by E. Mutkowska 12/2/08.

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G13
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-11R-25 | | | TMP-11R-25X | | | TMP-11R-30 | | | TMP-11R-35 | | | TMP-11R-40 | | | TMP-11R-45 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G13 | | | Y4G14 | | | Y4G15 | | | Y4G16 | | | Y4G17 | | | Y4G18 | | |
| Collection Date : | 10/27/2008 | | | 10/27/2008 | | | 10/27/2008 | | | 10/27/2008 | | | 10/27/2008 | | | 10/27/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| 1,2-Dichloropropane | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| Bromodichloromethane | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| cis-1,3-Dichloropropene | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| 4-Methyl-2-pentanone | 13U | U | | 13U | U | | 11U | U | | 11U | U | | 8.8U | U | | 9.5U | U | |
| Toluene | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| trans-1,3-Dichloropropene | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| 1,1,2-Trichloroethane | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| Tetrachloroethene | 2.8J | J | J | 6.3U | U | J | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| 2-Hexanone | 13U | U | | 13U | U | | 11U | U | | 11U | U | | 8.8U | U | | 9.5U | U | |
| Dibromochloromethane | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| 1,2-Dibromoethane | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| Chlorobenzene | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| Ethylbenzene | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| o-Xylene | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| m,p-Xylene | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| Styrene | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| Bromoform | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| Isopropylbenzene | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| 1,1,2,2-Tetrachloroethane | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| 1,3-Dichlorobenzene | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| 1,4-Dichlorobenzene | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| 1,2-Dichlorobenzene | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| 1,2-Dibromo-3-chloropropan | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| 1,2,4-Trichlorobenzene | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |
| 1,2,3-Trichlorobenzene | 6.7U | U | | 6.3U | U | | 5.6U | U | | 5.5U | U | | 4.4U | U | | 4.7U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G13
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-11R-25 | | | TMP-11R-25X | | | TMP-11R-30 | | | TMP-11R-35 | | | TMP-11R-40 | | | TMP-11R-45 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G13 | | | Y4G14 | | | Y4G15 | | | Y4G16 | | | Y4G17 | | | Y4G18 | | |
| Collection Date : | 10/27/2008 | | | 10/27/2008 Dup | | | 10/27/2008 | | | 10/27/2008 | | | 10/27/2008 | | | 10/27/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 67 | | | 60 | | | 45 | | | 55 | | | 40 | | | 53 | | |
| Chloroethane-d5 | 71 | | | 64 | | | 63 | | | 65 | | | 53 | | | 59 | | |
| 1,1-Dichloroethene-d2 | 43 | | | 39 | | | 37 | | | 38 | | | 27 | | | 32 | | |
| 2-Butanone-d5 | 130 | | | 110 | | | 87 | | | 85 | | | 62 | | | 69 | | |
| Chloroform-d | 64 | | | 59 | | | 61 | | | 63 | | | 48 | | | 53 | | |
| 1,2-Dichloroethane-d4 | 64 | | | 57 | | | 61 | | | 60 | | | 48 | | | 52 | | |
| Benzene-d6 | 73 | | | 65 | | | 55 | | | 54 | | | 44 | | | 48 | | |
| 1,2-Dichloropropane-d6 | 76 | | | 65 | | | 59 | | | 58 | | | 47 | | | 52 | | |
| Toluene-d8 | 68 | | | 61 | | | 50 | | | 49 | | | 40 | | | 44 | | |
| trans-1,3-Dichloropropene-d | 70 | | | 62 | | | 46 | | | 43 | | | 36 | | | 36 | | |
| 2-Hexanone-d5 | 150 | | | 120 | | | 78 | | | 73 | | | 60 | | | 58 | | |
| 1,4-Dioxane-d8 | 440 | | | 1100 | | | 810 | | | 640 | | | 480 | | | 690 | | |
| 1,1,2,2-Tetrachloroethane-d | 68 | | | 58 | | | 52 | | | 51 | | | 40 | | | 45 | | |
| 1,2-Dichlorobenzene-d4 | 66 | | | 63 | | | 60 | | | 60 | | | 47 | | | 55 | | |
| Hexane | 0.67U | U | | 0.63U | U | | 0.56U | U | | 0.55U | U | | 0.44U | U | | 0.47U | U | |
| Isopropanol | 33U | R | | 31U | R | | 28U | R | | 28U | R | | 22U | R | | 24U | R | |
| Percent Solids | 72% | | | 74% | | | 87% | | | 81% | | | 98% | | | 91% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation Limit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G13
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-11R-50 | | | TMP-11R-55 | | | TMP-11R-60 | | | TMP-11R-65 | | | TMP-11R-70 | | | TMP-11R-70X | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G19 | | | Y4G21 | | | Y4G22 | | | Y4G23 | | | Y4G24 | | | Y4G25 | | |
| Collection Date : | 10/27/2008 | | | 10/28/2008 | | | 10/28/2008 | | | 10/28/2008 | | | 10/28/2008 | | | 10/28/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| Chloromethane | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| Vinyl chloride | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| Bromomethane | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| Chloroethane | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| Trichlorofluoromethane | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| 1,1-Dichloroethene | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| Acetone | 15 | | | 18 | | | 12U | U | | 23 | | | 21 | | | 15 | 33.3 | |
| Carbon disulfide | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| Methyl acetate | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| Methylene chloride | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| trans-1,2-Dichloroethene | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| Methyl tert-butyl ether | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| 1,1-Dichloroethane | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| cis-1,2-Dichloroethene | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| 2-Butanone | 8.9U | U | | 11U | U | | 12U | U | | 13U | U | | 11U | U | | 11U | U | |
| Bromochloromethane | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| Chloroform | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| 1,1,1-Trichloroethane | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| Cyclohexane | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| Carbon tetrachloride | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| Benzene | 4.4U | U | | 2.2J | J | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| 1,2-Dichloroethane | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| 1,4-Dioxane | 89U | R | | 110U | R | | 120U | R | | 130U | R | | 110U | R | | 110U | R | |
| Trichloroethene | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G13
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-11R-50 | | | TMP-11R-55 | | | TMP-11R-60 | | | TMP-11R-65 | | | TMP-11R-70 | | | TMP-11R-70X | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G19 | | | Y4G21 | | | Y4G22 | | | Y4G23 | | | Y4G24 | | | Y4G25 | | |
| Collection Date : | 10/27/2008 | | | 10/28/2008 | | | 10/28/2008 | | | 10/28/2008 | | | 10/28/2008 | | | 10/28/2008 Dup | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| 1,2-Dichloropropane | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| Bromodichloromethane | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| cis-1,3-Dichloropropene | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| 4-Methyl-2-pentanone | 8.9U | U | | 11U | U | | 12U | U | | 13U | U | | 11U | U | | 11U | U | |
| Toluene | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| trans-1,3-Dichloropropene | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| 1,1,2-Trichloroethane | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| Tetrachloroethene | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| 2-Hexanone | 8.9U | U | | 11U | U | | 12U | U | | 13U | U | | 11U | U | | 11U | U | |
| Dibromochloromethane | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| 1,2-Dibromoethane | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| Chlorobenzene | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| Ethylbenzene | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| o-Xylene | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| m,p-Xylene | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| Styrene | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| Bromoform | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| Isopropylbenzene | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| 1,1,2,2-Tetrachloroethane | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| 1,3-Dichlorobenzene | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| 1,4-Dichlorobenzene | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| 1,2-Dichlorobenzene | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| 1,2-Dibromo-3-chloropropan | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| 1,2,4-Trichlorobenzene | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |
| 1,2,3-Trichlorobenzene | 4.4U | U | | 5.3U | U | | 5.9U | U | | 6.4U | U | | 5.4U | U | | 5.3U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G13
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-11R-50 | | | TMP-11R-55 | | | TMP-11R-60 | | | TMP-11R-65 | | | TMP-11R-70 | | | TMP-11R-70X | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G19 | | | Y4G21 | | | Y4G22 | | | Y4G23 | | | Y4G24 | | | Y4G25 | | |
| Collection Date : | 10/27/2008 | | | 10/28/2008 | | | 10/28/2008 | | | 10/28/2008 | | | 10/28/2008 | | | 10/28/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 44 | | | 58 | | | 51 | | | 54 | | | 54 | | | 51 | | |
| Chloroethane-d5 | 52 | | | 67 | | | 59 | | | 62 | | | 57 | | | 56 | | |
| 1,1-Dichloroethene-d2 | 29 | | | 38 | | | 39 | | | 35 | | | 36 | | | 34 | | |
| 2-Butanone-d5 | 70 | | | 80 | | | 130 | | | 110 | | | 110 | | | 99 | | |
| Chloroform-d | 49 | | | 58 | | | 54 | | | 68 | | | 50 | | | 50 | | |
| 1,2-Dichloroethane-d4 | 48 | | | 55 | | | 57 | | | 64 | | | 50 | | | 51 | | |
| Benzene-d6 | 45 | | | 54 | | | 55 | | | 66 | | | 50 | | | 51 | | |
| 1,2-Dichloropropane-d6 | 47 | | | 58 | | | 57 | | | 67 | | | 52 | | | 52 | | |
| Toluene-d8 | 41 | | | 50 | | | 54 | | | 58 | | | 50 | | | 49 | | |
| trans-1,3-Dichloropropene-d | 35 | | | 40 | | | 58 | | | 52 | | | 52 | | | 49 | | |
| 2-Hexanone-d5 | 60 | | | 65 | | | 130 | | | 93 | | | 120 | | | 100 | | |
| 1,4-Dioxane-d8 | 780 | | | 890 | | | 1300 | | | 1300 | | | 840 | | | 720 | | |
| 1,1,2,2-Tetrachloroethane-d | 42 | | | 49 | | | 60 | | | 64 | | | 55 | | | 50 | | |
| 1,2-Dichlorobenzene-d4 | 49 | | | 58 | | | 57 | | | 68 | | | 56 | | | 54 | | |
| Hexane | 0.44U | U | | 0.53U | U | | 0.59U | U | | 0.64U | U | | 0.54U | U | | 0.53U | U | |
| Isopropanol | 22U | R | | 26U | R | | 29U | R | | 32U | R | | 27U | R | | 27U | R | |
| Percent Solids | 84% | | | 85% | | | 82% | | | 81% | | | 88% | | | 87% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation LImit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G13
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-11R-75 | | | TMP-11R-80 | | | TMP-11R-85 | | | TMP-11R-90 | | | TMP-11R-95 | | | TMP-05R-25 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G26 | | | Y4G27 | | | Y4G28 | | | Y4G29 | | | Y4G30 | | | Y4G32 | | |
| Collection Date : | 10/28/2008 | | | 10/28/2008 | | | 10/28/2008 | | | 10/28/2008 | | | 10/28/2008 | | | 10/29/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| Chloromethane | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| Vinyl chloride | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| Bromomethane | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| Chloroethane | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| Trichlorofluoromethane | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| 1,1-Dichloroethene | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| Acetone | 63 | | | 12U | U | | 18 | | | 89 | | | 13U | U | | 11U | U | |
| Carbon disulfide | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| Methyl acetate | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| Methylene chloride | 6.6U | U | | 3.1J | J | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| trans-1,2-Dichloroethene | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| Methyl tert-butyl ether | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| 1,1-Dichloroethane | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| cis-1,2-Dichloroethene | 6.6U | U | | 5.8U | U | | 6.6 | | | 13 | | | 6.3U | U | | 5.6U | U | |
| 2-Butanone | 13U | U | | 12U | U | | 11U | U | | 13U | U | | 13U | U | | 11U | U | |
| Bromochloromethane | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| Chloroform | 6.6U | U | | 5.8U | U | | 2.6J | J | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| 1,1,1-Trichloroethane | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| Cyclohexane | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| Carbon tetrachloride | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| Benzene | 3.7J | J | | 5.8U | U | | 5.4U | U | | 12 | J | | 6.3U | U | | 5.6U | U | |
| 1,2-Dichloroethane | 6.6U | U | | 5.8U | UJ | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| 1,4-Dioxane | 130U | R | | 120U | R | | 110U | R | | 130U | R | | 130U | R | | 110U | R | |
| Trichloroethene | 40 | | | 5.8U | U | | 77 | | | 200 | | | 5.0J | J | | 5.6U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G13
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-11R-75 | | | TMP-11R-80 | | | TMP-11R-85 | | | TMP-11R-90 | | | TMP-11R-95 | | | TMP-05R -25 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G26 | | | Y4G27 | | | Y4G28 | | | Y4G29 | | | Y4G30 | | | Y4G32 | | |
| Collection Date : | 10/28/2008 | | | 10/28/2008 | | | 10/28/2008 | | | 10/28/2008 | | | 10/28/2008 | | | 10/29/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| 1,2-Dichloropropane | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| Bromodichloromethane | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| cis-1,3-Dichloropropene | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | UJ | | 6.3U | U | | 5.6U | U | |
| 4-Methyl-2-pentanone | 13U | U | | 12U | U | | 11U | U | | 13U | U | | 13U | U | | 11U | U | |
| Toluene | 6.6U | U | | 5.8U | U | | 5.4U | U | | 5.7J | J | | 6.3U | U | | 5.6U | U | |
| trans-1,3-Dichloropropene | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | UJ | | 6.3U | U | | 5.6U | U | |
| 1,1,2-Trichloroethane | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | UJ | | 6.3U | U | | 5.6U | U | |
| Tetrachloroethene | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| 2-Hexanone | 13U | U | | 12U | U | | 11U | U | | 13U | U | | 13U | U | | 11U | U | |
| Dibromochloromethane | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| 1,2-Dibromoethane | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| Chlorobenzene | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| Ethylbenzene | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| o-Xylene | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| m,p-Xylene | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| Styrene | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| Bromoform | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | R | | 6.3U | U | | 5.6U | U | |
| Isopropylbenzene | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| 1,1,2,2-Tetrachloroethane | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | U | | 6.3U | U | | 5.6U | U | |
| 1,3-Dichlorobenzene | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | R | | 6.3U | U | | 5.6U | U | |
| 1,4-Dichlorobenzene | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | R | | 6.3U | U | | 5.6U | U | |
| 1,2-Dichlorobenzene | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | R | | 6.3U | U | | 5.6U | U | |
| 1,2-Dibromo-3-chloropropan | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | R | | 6.3U | U | | 5.6U | U | |
| 1,2,4-Trichlorobenzene | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | R | | 6.3U | U | | 5.6U | U | |
| 1,2,3-Trichlorobenzene | 6.6U | U | | 5.8U | U | | 5.4U | U | | 6.6U | R | | 6.3U | U | | 5.6U | U | |

* Insufficient information is available to determine why several compounds were rejected in Y4G29. Request for additional information was made. This data set is still under Tier 3 data review.
— to be completed in January 2009. E.M. 12/2/08.

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G13
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-11R-75 | | | TMP-11R-80 | | | TMP-11R-85 | | | TMP-11R-90 | | | TMP-11R-95 | | | TMP-05R -25 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G26 | | | Y4G27 | | | Y4G28 | | | Y4G29 | | | Y4G30 | | | Y4G32 | | |
| Collection Date : | 10/28/2008 | | | 10/28/2008 | | | 10/28/2008 | | | 10/28/2008 | | | 10/28/2008 | | | 10/29/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 59 | | | 67 | | | 63 | | | 76 | | | 72 | | | 54 | | |
| Chloroethane-d5 | 74 | | | 75 | | | 67 | | | 89 | | | 81 | | | 59 | | |
| 1,1-Dichloroethene-d2 | 36 | | | 45 | | | 44 | | | 48 | | | 45 | | | 36 | | |
| 2-Butanone-d5 | 95 | | | 130 | | | 130 | | | 120 | | | 110 | | | 85 | | |
| Chloroform-d | 68 | | | 57 | | | 58 | | | 78 | | | 65 | | | 53 | | |
| 1,2-Dichloroethane-d4 | 65 | | | 58 | | | 58 | | | 78 | | | 66 | | | 51 | | |
| Benzene-d6 | 67 | | | 66 | | | 56 | | | 81 | | | 66 | | | 53 | | |
| 1,2-Dichloropropane-d6 | 73 | | | 70 | | | 61 | | | 98 | | | 68 | | | 57 | | |
| Toluene-d8 | 62 | | | 59 | | | 53 | | | 70 | | | 62 | | | 50 | | |
| trans-1,3-Dichloropropene-d | 49 | | | 58 | | | 40 | | | 41 | | | 63 | | | 43 | | |
| 2-Hexanone-d5 | 84 | | | 120 | | | 120 | | | 110 | | | 110 | | | 110 | | |
| 1,4-Dioxane-d8 | 950 | | | 1200 | | | 1200 | | | 1200 | | | 1200 | | | 240 | | |
| 1,1,2,2-Tetrachloroethane-d | 59 | | | 58 | | | 62 | | | 74 | | | 60 | | | 56 | | |
| 1,2-Dichlorobenzene-d4 | 71 | | | 55 | | | 61 | | | 72 | | | 65 | | | 55 | | |
| Hexane | 0.66U | U | | 0.58U | U | | 0.54U | U | | 0.66U | U | | 0.63U | U | | 0.56U | U | |
| Isopropanol | 33U | R | | 29U | R | | 27U | R | | 33U | R | | 31U | R | | 28U | R | |
| Percent Solids | 79% | | | 86% | | | 74% | | | 73% | | | 75% | | | 83% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation Limit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G13
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-05R-25X | | | TMP-05R-30 | | | | | | | | | | | | Method Blank | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G33 | | | Y4G34 | | | Y4G29RE | | | Y4G26MS | | | Y4G26MSD | | | VBLKQ5 | | |
| Collection Date : | 10/29/2008 | | | 10/29/2008 | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| Chloromethane | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| Vinyl chloride | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| Bromomethane | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| Chloroethane | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| Trichlorofluoromethane | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| 1,1-Dichloroethene | 6.4U | U | | 5.7U | U | | 6.5U | U | | 49 | | | 57 | | | 5.0U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| Acetone | 13U | U | | 11U | U | | 92 | | | 66 | | | 57 | | | 10U | U | |
| Carbon disulfide | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| Methyl acetate | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| Methylene chloride | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| trans-1,2-Dichloroethene | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| Methyl tert-butyl ether | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| 1,1-Dichloroethane | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| cis-1,2-Dichloroethene | 6.4U | U | | 5.7U | U | | 5.6J | J | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| 2-Butanone | 13U | U | | 11U | U | | 13U | U | | 12U | U | | 12U | U | | 10U | U | |
| Bromochloromethane | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| Chloroform | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| 1,1,1-Trichloroethane | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| Cyclohexane | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| Carbon tetrachloride | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| Benzene | 6.4U | U | | 5.7U | U | | 11 | | | 63 | | | 70 | | | 5.0U | U | |
| 1,2-Dichloroethane | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| 1,4-Dioxane | 130U | R | | 110U | R | | 130U | R | | 120U | R | | 120U | R | | 100U | R | |
| Trichloroethene | 6.4U | U | | 5.7U | U | | 110 | | | 100 | | | 100 | | | 5.0U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G13
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-05R-25X | | | TMP-05R-30 | | | | | | | | | | | | Method Blank | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G33 | | | Y4G34 | | | Y4G29RE | | | Y4G26MS | | | Y4G26MSD | | | VBLKQ5 | | |
| Collection Date : | 10/29/2008 | | | 10/29/2008 | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| 1,2-Dichloropropane | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| Bromodichloromethane | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| cis-1,3-Dichloropropene | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| 4-Methyl-2-pentanone | 13U | U | | 11U | U | | 13U | U | | 12U | U | | 12U | U | | 10U | U | |
| Toluene | 6.4U | U | | 5.7U | U | | 4.6J | J | | 59 | | | 68 | | | 5.0U | U | |
| trans-1,3-Dichloropropene | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| 1,1,2-Trichloroethane | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| Tetrachloroethene | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| 2-Hexanone | 13U | U | | 11U | U | | 13U | U | | 12U | U | | 12U | U | | 10U | U | |
| Dibromochloromethane | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| 1,2-Dibromoethane | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| Chlorobenzene | 6.4U | U | | 5.7U | U | | 6.5U | U | | 59 | | | 68 | | | 5.0U | U | |
| Ethylbenzene | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| o-Xylene | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| m,p-Xylene | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| Styrene | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| Bromoform | 6.4U | U | | 5.7U | U | | 6.5U | R | | 6.0U | U | | 5.9U | R | | 5.0U | U | |
| Isopropylbenzene | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| 1,1,2,2-Tetrachloroethane | 6.4U | U | | 5.7U | U | | 6.5U | U | | 6.0U | U | | 5.9U | U | | 5.0U | U | |
| 1,3-Dichlorobenzene | 6.4U | U | | 5.7U | U | | 6.5U | R | | 6.0U | U | | 5.9U | R | | 5.0U | U | |
| 1,4-Dichlorobenzene | 6.4U | U | | 5.7U | U | | 6.5U | R | | 6.0U | U | | 5.9U | R | | 5.0U | U | |
| 1,2-Dichlorobenzene | 6.4U | U | | 5.7U | U | | 6.5U | R | | 6.0U | U | | 5.9U | R | | 5.0U | U | |
| 1,2-Dibromo-3-chloropropan | 6.4U | U | | 5.7U | U | | 6.5U | R | | 6.0U | U | | 5.9U | R | | 5.0U | U | |
| 1,2,4-Trichlorobenzene | 6.4U | U | | 5.7U | U | | 6.5U | R | | 6.0U | U | | 5.9U | R | | 5.0U | U | |
| 1,2,3-Trichlorobenzene | 6.4U | U | | 5.7U | U | | 6.5U | R | | 6.0U | U | | 5.9U | R | | 5.0U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G13
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-05R-25X | | | TMP-05R-30 | | | | | | | | | | | | Method Blank | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G33 | | | Y4G34 | | | Y4G29RE | | | Y4G26MS | | | Y4G26MSD | | | VBLKQ5 | | |
| Collection Date : | 10/29/2008 | | | 10/29/2008 | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 62 | | | 52 | | | 80 | | | 59 | | | 58 | | | 51 | | |
| Chloroethane-d5 | 69 | | | 58 | | | 89 | | | 65 | | | 68 | | | 54 | | |
| 1,1-Dichloroethene-d2 | 41 | | | 36 | | | 53 | | | 53 | | | 52 | | | 35 | | |
| 2-Butanone-d5 | 110 | | | 98 | | | 110 | | | 84 | | | 92 | | | 97 | | |
| Chloroform-d | 61 | | | 55 | | | 69 | | | 61 | | | 66 | | | 50 | | |
| 1,2-Dichloroethane-d4 | 61 | | | 54 | | | 66 | | | 59 | | | 68 | | | 51 | | |
| Benzene-d6 | 62 | | | 55 | | | 77 | | | 57 | | | 59 | | | 48 | | |
| 1,2-Dichloropropane-d6 | 64 | | | 57 | | | 81 | | | 61 | | | 68 | | | 51 | | |
| Toluene-d8 | 57 | | | 51 | | | 70 | | | 53 | | | 52 | | | 45 | | |
| trans-1,3-Dichloropropene-d | 53 | | | 47 | | | 67 | | | 48 | | | 43 | | | 47 | | |
| 2-Hexanone-d5 | 130 | | | 110 | | | 110 | | | 74 | | | 81 | | | 80 | | |
| 1,4-Dioxane-d8 | 520 | | | 360 | | | 1000 | | | 710 | | | 950 | | | 930 | | |
| 1,1,2,2-Tetrachloroethane-d | 66 | | | 57 | | | 61 | | | 50 | | | 56 | | | 46 | | |
| 1,2-Dichlorobenzene-d4 | 66 | | | 58 | | | 67 | | | 62 | | | 70 | | | 51 | | |
| Hexane | 0.64U | U | | 0.57U | U | | 0.65U | U | | 0.60U | U | | 0.59U | U | | 0.50U | U | |
| Isopropanol | 32U | R | | 28U | R | | 32U | R | | 30U | R | | 29U | R | | 25U | R | |
| Percent Solids | 83% | | | 85% | | | 73% | | | 79% | | | 79% | | | 100% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation LImit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G13
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | Method Blank | | | Method Blank | | | Method Blank | | | Method Blank | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | VBLKS5 | | | VBLKU5 | | | VBLKW5 | | | VHBLKW5 | | | CRQL | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Chloromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Vinyl chloride | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Bromomethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Chloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Trichlorofluoromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,1-Dichloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Acetone | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10 | | | | | |
| Carbon disulfide | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Methyl acetate | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Methylene chloride | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| trans-1,2-Dichloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Methyl tert-butyl ether | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,1-Dichloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| cis-1,2-Dichloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 2-Butanone | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10 | | | | | |
| Bromochloromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Chloroform | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,1,1-Trichloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Cyclohexane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Carbon tetrachloride | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Benzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,2-Dichloroethane | 5.0U | U | | 5.0U | U | | 5.0U | UJ | | 5.0U | UJ | | 5.0 | | | | | |
| 1,4-Dioxane | 100U | R | | 100U | R | | 100U | R | | 100U | R | | 100 | | | | | |
| Trichloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G13
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | Method Blank | | | Method Blank | | | Method Blank | | | Method Blank | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | VBLKS5 | | | VBLKU5 | | | VBLKW5 | | | VHBLKW5 | | | CRQL | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,2-Dichloropropane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Bromodichloromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| cis-1,3-Dichloropropene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 4-Methyl-2-pentanone | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10 | | | | | |
| Toluene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| trans-1,3-Dichloropropene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,1,2-Trichloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Tetrachloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 2-Hexanone | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10 | | | | | |
| Dibromochloromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,2-Dibromoethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Chlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Ethylbenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| o-Xylene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| m,p-Xylene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Styrene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Bromoform | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| Isopropylbenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,1,2,2-Tetrachloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,3-Dichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,4-Dichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,2-Dichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,2-Dibromo-3-chloropropan | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,2,4-Trichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |
| 1,2,3-Trichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0 | | | | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G13
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | Method Blank | | | Method Blank | | | Method Blank | | | Method Blank | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | VBLKS5 | | | VBLKU5 | | | VBLKW5 | | | VHBLKW5 | | | CRQL | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 48 | | | 44 | | | 53 | | | 57 | | | NA | | | | | |
| Chloroethane-d5 | 53 | | | 47 | | | 60 | | | 61 | | | NA | | | | | |
| 1,1-Dichloroethene-d2 | 33 | | | 32 | | | 33 | | | 35 | | | NA | | | | | |
| 2-Butanone-d5 | 96 | | | 89 | | | 100 | | | 130 | | | NA | | | | | |
| Chloroform-d | 48 | | | 44 | | | 49 | | | 50 | | | NA | | | | | |
| 1,2-Dichloroethane-d4 | 49 | | | 43 | | | 51 | | | 55 | | | NA | | | | | |
| Benzene-d6 | 48 | | | 45 | | | 48 | | | 51 | | | NA | | | | | |
| 1,2-Dichloropropane-d6 | 48 | | | 46 | | | 53 | | | 57 | | | NA | | | | | |
| Toluene-d8 | 44 | | | 45 | | | 45 | | | 49 | | | NA | | | | | |
| trans-1,3-Dichloropropene-d | 44 | | | 44 | | | 46 | | | 53 | | | NA | | | | | |
| 2-Hexanone-d5 | 78 | | | 82 | | | 86 | | | 110 | | | NA | | | | | |
| 1,4-Dioxane-d8 | 1000 | | | 890 | | | 910 | | | 1100 | | | NA | | | | | |
| 1,1,2,2-Tetrachloroethane-d | 46 | | | 39 | | | 46 | | | 52 | | | NA | | | | | |
| 1,2-Dichlorobenzene-d4 | 50 | | | 48 | | | 48 | | | 49 | | | NA | | | | | |
| Hexane | 0.50U | U | | 0.50U | U | | 0.50U | U | | 0.50U | U | | 0.50 | | | | | |
| Isopropanol | 25U | R | | 25U | R | | 25U | R | | 25U | R | | 25 | | | | | |
| Percent Solids | 100% | | | 100% | | | 100% | | | 100% | | | NA | | | | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation LImit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G20
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/L**

**Analysis Type :** Low Level Water Samples for Volatiles

| Station Location : | TRD-30-08 ✓ | | | TRD-30-09 ✓ | | | TRD-30-10 ✓ | | | TRD-30-11 ✓ | | | Method Blank | | | Method Blank | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G20 | | | Y4G31 | | | Y4G47 | | | Y4G49 | | | VBLK6R | | | VBLK6T ✓ | | |
| Collection Date : | 10/27/2008 EB | | | 10/28/2008 EB | | | 10/29/2008 EB | | | 10/30/2008 EB | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 ✓ | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Chloromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Vinyl chloride | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Bromomethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | UJ | |
| Chloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Trichlorofluoromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,1-Dichloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Acetone | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | |
| Carbon disulfide | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Methyl acetate | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Methylene chloride | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| trans-1,2-Dichloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Methyl tert-butyl ether | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,1-Dichloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| cis-1,2-Dichloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 2-Butanone | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | |
| Bromochloromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Chloroform | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,1,1-Trichloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Cyclohexane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Carbon tetrachloride | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Benzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dichloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,4-Dioxane | 100U | U | | 100U | U | | 100U | U | | 100U | U | | 100U | U | | 100U | U | |
| Trichloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |

Reviewed by Ali Kaseeh 11/21/08

QA Concurrence by E. Mutkowska 12/2/08

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G20
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/L**

**Analysis Type :** Low Level Water Samples for Volatiles

| Station Location : | TRD-30-08 | | | TRD-30-09 | | | TRD-30-10 | | | TRD-30-11 | | | Method Blank | | | Method Blank | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G20 | | | Y4G31 | | | Y4G47 | | | Y4G49 | | | VBLK6R | | | VBLK6T | | |
| Collection Date : | 10/27/2008 | | | 10/28/2008 | | | 10/29/2008 | | | 10/30/2008 | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dichloropropane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Bromodichloromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| cis-1,3-Dichloropropene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 4-Methyl-2-pentanone | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | |
| Toluene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| trans-1,3-Dichloropropene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,1,2-Trichloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Tetrachloroethene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 2-Hexanone | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | | 10U | U | |
| Dibromochloromethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dibromoethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Chlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Ethylbenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| o-Xylene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| m,p-Xylene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Styrene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Bromoform | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| Isopropylbenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,1,2,2-Tetrachloroethane | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,3-Dichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,4-Dichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dibromo-3-chloropropan | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,2,4-Trichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |
| 1,2,3-Trichlorobenzene | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | | 5.0U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G20
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/L**

**Analysis Type :** Low Level Water Samples for Volatiles

| Station Location : | TRD-30-08 | | | TRD-30-09 | | | TRD-30-10 | | | TRD-30-11 | | | Method Blank | | | Method Blank | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G20 | | | Y4G31 | | | Y4G47 | | | Y4G49 | | | VBLK6R | | | VBLK6T | | |
| Collection Date : | 10/27/2008 | | | 10/28/2008 | | | 10/29/2008 | | | 10/30/2008 | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 63 | | | 64 | | | 60 | | | 60 | | | 61 | | | 59 | | |
| Chloroethane-d5 | 42 | | | 43 | | | 44 | | | 42 | | | 42 | | | 52 | | |
| 1,1-Dichloroethene-d2 | 34 | | | 39 | | | 36 | | | 36 | | | 32 | | | 36 | | |
| 2-Butanone-d5 | 98 | | | 97 | | | 94 | | | 95 | | | 96 | | | 100 | | |
| Chloroform-d | 49 | | | 50 | | | 50 | | | 49 | | | 49 | | | 54 | | |
| 1,2-Dichloroethane-d4 | 48 | | | 48 | | | 49 | | | 48 | | | 47 | | | 52 | | |
| Benzene-d6 | 53 | | | 53 | | | 52 | | | 53 | | | 53 | | | 54 | | |
| 1,2-Dichloropropane-d6 | 54 | | | 54 | | | 54 | | | 55 | | | 54 | | | 57 | | |
| Toluene-d8 | 52 | | | 52 | | | 52 | | | 52 | | | 52 | | | 52 | | |
| trans-1,3-Dichloropropene-d | 51 | | | 50 | | | 50 | | | 51 | | | 51 | | | 47 | | |
| 2-Hexanone-d5 | 98 | | | 97 | | | 95 | | | 96 | | | 96 | | | 97 | | |
| 1,4-Dioxane-d8 | 1000 | | | 890 | | | 820 | | | 900 | | | 940 | | | 1100 | | |
| 1,1,2,2-Tetrachloroethane-d2 | 52 | | | 52 | | | 51 | | | 51 | | | 51 | | | 54 | | |
| 1,2-Dichlorobenzene-d4 | 51 | | | 51 | | | 51 | | | 51 | | | 51 | | | 53 | | |
| Hexane | 5.0U | UJ | | 5.0U | UJ | | 5.0U | UJ | | 5.0U | UJ | | 5.0U | UJ | | 5.0U | U | |
| Isopropanol | 250U | R | | 250U | R | | 250U | R | | 250U | R | | 250U | R | | 250U | R | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation LImit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G20
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/L**

**Analysis Type :** Low Level Water Samples for Volatiles

| Station Location : | Method Blank | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | VHBLKT6 | | | CRQL | | | | | | | | | | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | | | | | | | | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Chloromethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Vinyl chloride | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Bromomethane | 5.0U | UJ | | 5.0 | | | | | | | | | | | | | | |
| Chloroethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Trichlorofluoromethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,1-Dichloroethene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Acetone | 10U | U | | 10 | | | | | | | | | | | | | | |
| Carbon disulfide | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Methyl acetate | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Methylene chloride | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| trans-1,2-Dichloroethene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Methyl tert-butyl ether | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,1-Dichloroethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| cis-1,2-Dichloroethene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 2-Butanone | 10U | U | | 10 | | | | | | | | | | | | | | |
| Bromochloromethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Chloroform | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Cyclohexane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Carbon tetrachloride | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Benzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,2-Dichloroethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,4-Dioxane | 100U | U | | 100 | | | | | | | | | | | | | | |
| Trichloroethene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G20
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/L**

**Analysis Type :** Low Level Water Samples for Volatiles

| Station Location : | Method Blank | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | VHBLKT6 | | | CRQL | | | | | | | | | | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | | | | | | | | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,2-Dichloropropane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Bromodichloromethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| cis-1,3-Dichloropropene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 4-Methyl-2-pentanone | 10U | U | | 10 | | | | | | | | | | | | | | |
| Toluene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| trans-1,3-Dichloropropene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,1,2-Trichloroethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Tetrachloroethene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 2-Hexanone | 10U | U | | 10 | | | | | | | | | | | | | | |
| Dibromochloromethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,2-Dibromoethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Chlorobenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Ethylbenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| o-Xylene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| m,p-Xylene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Styrene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Bromoform | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Isopropylbenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,3-Dichlorobenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,4-Dichlorobenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,2-Dichlorobenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,2-Dibromo-3-chloropropan | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,2,3-Trichlorobenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G20
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/L**

**Analysis Type :** Low Level Water Samples for Volatiles

| Station Location : | Method Blank | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | VHBLKT6 | | | CRQL | | | | | | | | | | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | | | | | | | | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 49 | | | NA | | | | | | | | | | | | | | |
| Chloroethane-d5 | 50 | | | NA | | | | | | | | | | | | | | |
| 1,1-Dichloroethene-d2 | 34 | | | NA | | | | | | | | | | | | | | |
| 2-Butanone-d5 | 110 | | | NA | | | | | | | | | | | | | | |
| Chloroform-d | 54 | | | NA | | | | | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | 53 | | | NA | | | | | | | | | | | | | | |
| Benzene-d6 | 58 | | | NA | | | | | | | | | | | | | | |
| 1,2-Dichloropropane-d6 | 62 | | | NA | | | | | | | | | | | | | | |
| Toluene-d8 | 53 | | | NA | | | | | | | | | | | | | | |
| trans-1,3-Dichloropropene-d | 56 | | | NA | | | | | | | | | | | | | | |
| 2-Hexanone-d5 | 110 | | | NA | | | | | | | | | | | | | | |
| 1,4-Dioxane-d8 | 1200 | | | NA | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane-d | 58 | | | NA | | | | | | | | | | | | | | |
| 1,2-Dichlorobenzene-d4 | 53 | | | NA | | | | | | | | | | | | | | |
| Hexane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Isopropanol | 250U | R | | 250 | | | | | | | | | | | | | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation LImit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G35
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-05R-35 | | | TMP-05R-40 | | | TMP-05R-45 | | | TMP-05R-50 | | | TMP-05R-55 | | | TMP-05R-60 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G35 | | | Y4G36 | | | Y4G37 | | | Y4G38 | | | Y4G40 | | | Y4G41 | | |
| Collection Date : | 10/29/2008 | | | 10/29/2008 | | | 10/29/2008 | | | 10/29/2008 | | | 10/29/2008 | | | 10/29/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| Chloromethane | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| Vinyl chloride | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| Bromomethane | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| Chloroethane | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| Trichlorofluoromethane | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| 1,1-Dichloroethene | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| Acetone | 29 | | | 17 | | | 20 | | | 34 | | | 26 | | | 16 | | |
| Carbon disulfide | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| Methyl acetate | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| Methylene chloride | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| trans-1,2-Dichloroethene | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| Methyl tert-butyl ether | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| 1,1-Dichloroethane | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| cis-1,2-Dichloroethene | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| 2-Butanone | 12U | U | | 12U | U | | 11U | U | | 12U | U | | 12U | U | | 11U | U | |
| Bromochloromethane | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| Chloroform | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| 1,1,1-Trichloroethane | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| Cyclohexane | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| Carbon tetrachloride | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| Benzene | 6.2U | U | | 5.8U | U | | 5.5U | U | | 4.6J | J | | 6.0U | U | | 5.6U | U | |
| 1,2-Dichloroethane | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| 1,4-Dioxane | 120U | R | | 120U | R | | 110U | R | | 120U | R | | 120U | R | | 110U | R | |
| Trichloroethene | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |

Reviewed by Ali Kaseeh 11/21/08
QA Concurrence by E. Mutkowske 12/2/08

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G35
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-05R-35 | | | TMP-05R-40 | | | TMP-05R-45 | | | TMP-05R-50 | | | TMP-05R-55 | | | TMP-05R-60 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G35 | | | Y4G36 | | | Y4G37 | | | Y4G38 | | | Y4G40 | | | Y4G41 | | |
| Collection Date : | 10/29/2008 | | | 10/29/2008 | | | 10/29/2008 | | | 10/29/2008 | | | 10/29/2008 | | | 10/29/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| 1,2-Dichloropropane | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| Bromodichloromethane | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| cis-1,3-Dichloropropene | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| 4-Methyl-2-pentanone | 12U | U | | 12U | U | | 11U | U | | 12U | U | | 12U | U | | 11U | U | |
| Toluene | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| trans-1,3-Dichloropropene | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| 1,1,2-Trichloroethane | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| Tetrachloroethene | 6.2U | U | | 5.8U | U | | 5.5U | U | | 2.5J | J | | 6.0U | U | | 5.6U | U | |
| 2-Hexanone | 12U | U | | 12U | U | | 11U | U | | 12U | U | | 12U | U | | 11U | U | |
| Dibromochloromethane | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| 1,2-Dibromoethane | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| Chlorobenzene | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| Ethylbenzene | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| o-Xylene | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| m,p-Xylene | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| Styrene | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| Bromoform | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| Isopropylbenzene | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| 1,1,2,2-Tetrachloroethane | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| 1,3-Dichlorobenzene | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| 1,4-Dichlorobenzene | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| 1,2-Dichlorobenzene | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| 1,2-Dibromo-3-chloropropan | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| 1,2,4-Trichlorobenzene | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |
| 1,2,3-Trichlorobenzene | 6.2U | U | | 5.8U | U | | 5.5U | U | | 5.9U | U | | 6.0U | U | | 5.6U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G35
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-05R-35 | | | TMP-05R-40 | | | TMP-05R-45 | | | TMP-05R-50 | | | TMP-05R-55 | | | TMP-05R-60 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G35 | | | Y4G36 | | | Y4G37 | | | Y4G38 | | | Y4G40 | | | Y4G41 | | |
| Collection Date : | 10/29/2008 | | | 10/29/2008 | | | 10/29/2008 | | | 10/29/2008 | | | 10/29/2008 | | | 10/29/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 75 | | | 66 | | | 64 | | | 63 | | | 72 | | | 60 | | |
| Chloroethane-d5 | 90 | | | 74 | | | 72 | | | 71 | | | 82 | | | 70 | | |
| 1,1-Dichloroethene-d2 | 46 | | | 39 | | | 40 | | | 39 | | | 44 | | | 38 | | |
| 2-Butanone-d5 | 120 | | | 130 | | | 130 | | | 120 | | | 120 | | | 110 | | |
| Chloroform-d | 66 | | | 59 | | | 59 | | | 59 | | | 61 | | | 56 | | |
| 1,2-Dichloroethane-d4 | 68 | | | 62 | | | 61 | | | 60 | | | 62 | | | 57 | | |
| Benzene-d6 | 63 | | | 58 | | | 55 | | | 58 | | | 60 | | | 56 | | |
| 1,2-Dichloropropane-d6 | 67 | | | 63 | | | 60 | | | 63 | | | 66 | | | 60 | | |
| Toluene-d8 | 58 | | | 55 | | | 52 | | | 55 | | | 58 | | | 53 | | |
| trans-1,3-Dichloropropene-d | 59 | | | 60 | | | 55 | | | 58 | | | 59 | | | 54 | | |
| 2-Hexanone-d5 | 120 | | | 130 | | | 120 | | | 120 | | | 120 | | | 110 | | |
| 1,4-Dioxane-d8 | 1100 | | | 1200 | | | 1100 | | | 890 | | | 1000 | | | 880 | | |
| 1,1,2,2-Tetrachloroethane-d2 | 61 | | | 61 | | | 60 | | | 59 | | | 62 | | | 54 | | |
| 1,2-Dichlorobenzene-d4 | 70 | | | 62 | | | 56 | | | 60 | | | 64 | | | 59 | | |
| Hexane | 0.62U | U | | 0.58U | U | | 0.55U | U | | 0.59U | U | | 0.60U | U | | 0.56U | U | |
| Isopropanol | 31U | R | | 29U | R | | 28U | R | | 29U | R | | 30U | R | | 28U | R | |
| Percent Solids | 82% | | | 91% | | | 94% | | | 87% | | | 87% | | | 86% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation Limit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G35
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-05R-65 | | | TMP-05R-70 | | | TMP-05R-75 | | | TMP-05R-75X | | | TMP-05R-80 | | | TMP-05RR-85 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G42 | | | Y4G43 | | | Y4G44 | | | Y4G45 | | | Y4G46 | | | Y4G48 | | |
| Collection Date : | 10/29/2008 | | | 10/29/2008 | | | 10/29/2008 | | | 10/29/2008 | | | 10/29/2008 | | | 10/30/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| Chloromethane | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| Vinyl chloride | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| Bromomethane | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| Chloroethane | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| Trichlorofluoromethane | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| 1,1-Dichloroethene | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| Acetone | 25 | | | 24 | | | 53 | | | 39 | | 30.4 | 43 | | | 54 | | |
| Carbon disulfide | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| Methyl acetate | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| Methylene chloride | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| trans-1,2-Dichloroethene | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| Methyl tert-butyl ether | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| 1,1-Dichloroethane | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| cis-1,2-Dichloroethene | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 4.4J | J | |
| 2-Butanone | 13U | U | | 12U | U | | 14U | U | | 12U | U | | 12U | U | | 14U | U | |
| Bromochloromethane | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| Chloroform | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| 1,1,1-Trichloroethane | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| Cyclohexane | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| Carbon tetrachloride | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| Benzene | 6.3U | U | | 6.2U | U | | 7.2U | U | VS | 4.5J | J | 5 | 6.0U | U | | 7.1U | U | |
| 1,2-Dichloroethane | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| 1,4-Dioxane | 130U | R | | 120U | R | | 140U | R | | 120U | R | | 120U | R | | 140U | R | |
| Trichloroethene | 6.3U | U | | 3.9J | J | | 38 | | | 47 | | 21.1 %RPD | 33 | | | 100 | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G35
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-05R-65 | | | TMP-05R-70 | | | TMP-05R-75 | | | TMP-05R-75X | | | TMP-05R-80 | | | TMP-05RR-85 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G42 | | | Y4G43 | | | Y4G44 | | | Y4G45 | | | Y4G46 | | | Y4G48 | | |
| Collection Date : | 10/29/2008 | | | 10/29/2008 | | | 10/29/2008 | | | 10/29/2008 Dup | | | 10/29/2008 | | | 10/30/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| 1,2-Dichloropropane | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| Bromodichloromethane | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| cis-1,3-Dichloropropene | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| 4-Methyl-2-pentanone | 13U | U | | 12U | U | | 14U | U | | 12U | U | | 12U | U | | 14U | U | |
| Toluene | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| trans-1,3-Dichloropropene | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| 1,1,2-Trichloroethane | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| Tetrachloroethene | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| 2-Hexanone | 13U | U | | 12U | U | | 14U | U | | 12U | U | | 12U | U | | 14U | U | |
| Dibromochloromethane | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| 1,2-Dibromoethane | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| Chlorobenzene | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| Ethylbenzene | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| o-Xylene | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| m,p-Xylene | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| Styrene | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| Bromoform | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| Isopropylbenzene | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| 1,1,2,2-Tetrachloroethane | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| 1,3-Dichlorobenzene | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| 1,4-Dichlorobenzene | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| 1,2-Dichlorobenzene | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| 1,2-Dibromo-3-chloropropan | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| 1,2,4-Trichlorobenzene | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |
| 1,2,3-Trichlorobenzene | 6.3U | U | | 6.2U | U | | 7.2U | U | | 6.1U | U | | 6.0U | U | | 7.1U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G35
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-05R-65 | | | TMP-05R-70 | | | TMP-05R-75 | | | TMP-05R-75X | | | TMP-05R-80 | | | TMP-05RR-85 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G42 | | | Y4G43 | | | Y4G44 | | | Y4G45 | | | Y4G46 | | | Y4G48 | | |
| Collection Date : | 10/29/2008 | | | 10/29/2008 | | | 10/29/2008 | | | 10/29/2008 FD | | | 10/29/2008 | | | 10/30/2008 | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 74 | | | 66 | | | 76 | | | 70 | | | 77 | | | 77 | | |
| Chloroethane-d5 | 85 | | | 74 | | | 90 | | | 79 | | | 83 | | | 91 | | |
| 1,1-Dichloroethene-d2 | 40 | | | 41 | | | 52 | | | 42 | | | 47 | | | 49 | | |
| 2-Butanone-d5 | 110 | | | 120 | | | 120 | | | 110 | | | 160 | | | 170 | | |
| Chloroform-d | 66 | | | 63 | | | 71 | | | 62 | | | 62 | | | 72 | | |
| 1,2-Dichloroethane-d4 | 66 | | | 64 | | | 72 | | | 63 | | | 65 | | | 77 | | |
| Benzene-d6 | 65 | | | 62 | | | 72 | | | 62 | | | 63 | | | 71 | | |
| 1,2-Dichloropropane-d6 | 71 | | | 66 | | | 77 | | | 67 | | | 69 | | | 79 | | |
| Toluene-d8 | 60 | | | 57 | | | 67 | | | 58 | | | 57 | | | 66 | | |
| trans-1,3-Dichloropropene-d | 60 | | | 58 | | | 65 | | | 57 | | | 59 | | | 68 | | |
| 2-Hexanone-d5 | 110 | | | 130 | | | 130 | | | 110 | | | 160 | | | 180 | | |
| 1,4-Dioxane-d8 | 900 | | | 930 | | | 990 | | | 880 | | | 1300 | | | 1400 | | |
| 1,1,2,2-Tetrachloroethane-d | 61 | | | 60 | | | 67 | | | 58 | | | 69 | | | 80 | | |
| 1,2-Dichlorobenzene-d4 | 67 | | | 67 | | | 76 | | | 67 | | | 63 | | | 76 | | |
| Hexane | 0.63U | U | | 0.62U | U | | 0.72U | U | | 0.61U | U | | 0.60U | U | | 0.71U | U | |
| Isopropanol | 31U | R | | 31U | R | | 36U | R | | 30U | R | | 30U | R | | 35U | R | |
| Percent Solids | 81% | | | 78% | | | 77% | | | 75% | | | 79% | | | 68% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation LImit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G35
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-05RR-90 | | | TMP-05RR-95 | | | | | | | | | Method Blank | | | Method Blank | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G50 | | | Y4G51 | | | Y4G46MS | | | Y4G46MSD | | | VBLKV5 | | | VBLKW5 | | |
| Collection Date : | 10/30/2008 | | | 10/30/2008 | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Chloromethane | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Vinyl chloride | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Bromomethane | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Chloroethane | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Trichlorofluoromethane | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,1-Dichloroethene | 5.1U | U | | 6.6U | U | | 57 | | | 58 | | | 5.0U | U | | 5.0U | U | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Acetone | 16 | | | 13U | U | | 32 | | | 41 | | | 10U | U | | 10U | U | |
| Carbon disulfide | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Methyl acetate | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Methylene chloride | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| trans-1,2-Dichloroethene | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Methyl tert-butyl ether | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,1-Dichloroethane | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| cis-1,2-Dichloroethene | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 2-Butanone | 10U | U | | 13U | U | | 13U | U | | 13U | U | | 10U | U | | 10U | U | |
| Bromochloromethane | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Chloroform | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,1,1-Trichloroethane | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Cyclohexane | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Carbon tetrachloride | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Benzene | 5.1U | U | | 6.6U | U | | 71 | | | 76 | | | 5.0U | U | | 5.0U | U | |
| 1,2-Dichloroethane | 5.1U | UJ | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | UJ | |
| 1,4-Dioxane | 100U | R | | 130U | R | | 130U | R | | 130U | R | | 100U | R | | 100U | R | |
| Trichloroethene | 25 | | | 110 | | | 92 | | | 110 | | | 5.0U | U | | 5.0U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G35
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-05RR-90 | | | TMP-05RR-95 | | | | | | | | | Method Blank | | | Method Blank | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G50 | | | Y4G51 | | | Y4G46MS | | | Y4G46MSD | | | VBLKV5 | | | VBLKW5 | | |
| Collection Date : | 10/30/2008 | | | 10/30/2008 | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dichloropropane | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Bromodichloromethane | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| cis-1,3-Dichloropropene | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 4-Methyl-2-pentanone | 10U | U | | 13U | U | | 13U | U | | 13U | U | | 10U | U | | 10U | U | |
| Toluene | 5.1U | U | | 6.6U | U | | 71 | | | 73 | | | 5.0U | U | | 5.0U | U | |
| trans-1,3-Dichloropropene | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,1,2-Trichloroethane | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Tetrachloroethene | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 2-Hexanone | 10U | U | | 13U | U | | 13U | U | | 13U | U | | 10U | U | | 10U | U | |
| Dibromochloromethane | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dibromoethane | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Chlorobenzene | 5.1U | U | | 6.6U | U | | 67 | | | 70 | | | 5.0U | U | | 5.0U | U | |
| Ethylbenzene | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| o-Xylene | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| m,p-Xylene | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Styrene | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Bromoform | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| Isopropylbenzene | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,1,2,2-Tetrachloroethane | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,3-Dichlorobenzene | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,4-Dichlorobenzene | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dichlorobenzene | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,2-Dibromo-3-chloropropan | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,2,4-Trichlorobenzene | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |
| 1,2,3-Trichlorobenzene | 5.1U | U | | 6.6U | U | | 6.5U | U | | 6.6U | U | | 5.0U | U | | 5.0U | U | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G35
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/Kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | TMP-05RR-90 | | | TMP-05RR-95 | | | | | | | | | Method Blank | | | Method Blank | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | Y4G50 | | | Y4G51 | | | Y4G46MS | | | Y4G46MSD | | | VBLKV5 | | | VBLKW5 | | |
| Collection Date : | 10/30/2008 | | | 10/30/2008 | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | | 1.0 | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 64 | | | 75 | | | 70 | | | 73 | | | 52 | | | 53 | | |
| Chloroethane-d5 | 74 | | | 85 | | | 81 | | | 85 | | | 56 | | | 60 | | |
| 1,1-Dichloroethene-d2 | 38 | | | 46 | | | 59 | | | 63 | | | 33 | | | 33 | | |
| 2-Butanone-d5 | 92 | | | 160 | | | 130 | | | 140 | | | 110 | | | 100 | | |
| Chloroform-d | 56 | | | 66 | | | 65 | | | 67 | | | 48 | | | 49 | | |
| 1,2-Dichloroethane-d4 | 57 | | | 71 | | | 67 | | | 71 | | | 51 | | | 51 | | |
| Benzene-d6 | 58 | | | 66 | | | 64 | | | 65 | | | 47 | | | 48 | | |
| 1,2-Dichloropropane-d6 | 64 | | | 75 | | | 69 | | | 73 | | | 50 | | | 53 | | |
| Toluene-d8 | 56 | | | 63 | | | 60 | | | 63 | | | 44 | | | 45 | | |
| trans-1,3-Dichloropropene-d | 61 | | | 66 | | | 64 | | | 65 | | | 49 | | | 46 | | |
| 2-Hexanone-d5 | 100 | | | 180 | | | 140 | | | 130 | | | 93 | | | 86 | | |
| 1,4-Dioxane-d8 | 940 | | | 1400 | | | 1100 | | | 1200 | | | 950 | | | 910 | | |
| 1,1,2,2-Tetrachloroethane-d | 52 | | | 75 | | | 63 | | | 65 | | | 46 | | | 46 | | |
| 1,2-Dichlorobenzene-d4 | 60 | | | 70 | | | 67 | | | 70 | | | 47 | | | 48 | | |
| Hexane | 0.51U | U | | 0.66U | U | | 0.65U | U | | 0.66U | U | | 0.50U | U | | 0.50U | U | |
| Isopropanol | 26U | R | | 33U | R | | 32U | R | | 33U | R | | 25U | R | | 25U | R | |
| Percent Solids | 80% | | | 77% | | | 79% | | | 79% | | | 100% | | | 100% | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation Limit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G35
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | Method Blank | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | VHBLKW5 | | | CRQL | | | | | | | | | | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | | | | | | | | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Dichlorodifluoromethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Chloromethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Vinyl chloride | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Bromomethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Chloroethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Trichlorofluoromethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,1-Dichloroethene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoro | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Acetone | 10U | U | | 10 | | | | | | | | | | | | | | |
| Carbon disulfide | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Methyl acetate | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Methylene chloride | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| trans-1,2-Dichloroethene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Methyl tert-butyl ether | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,1-Dichloroethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| cis-1,2-Dichloroethene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 2-Butanone | 10U | U | | 10 | | | | | | | | | | | | | | |
| Bromochloromethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Chloroform | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Cyclohexane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Carbon tetrachloride | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Benzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,2-Dichloroethane | 5.0U | UJ | | 5.0 | | | | | | | | | | | | | | |
| 1,4-Dioxane | 100U | R | | 100 | | | | | | | | | | | | | | |
| Trichloroethene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G35
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | Method Blank | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | VHBLKW5 | | | CRQL | | | | | | | | | | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | | | | | | | | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Methylcyclohexane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,2-Dichloropropane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Bromodichloromethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| cis-1,3-Dichloropropene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 4-Methyl-2-pentanone | 10U | U | | 10 | | | | | | | | | | | | | | |
| Toluene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| trans-1,3-Dichloropropene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,1,2-Trichloroethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Tetrachloroethene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 2-Hexanone | 10U | U | | 10 | | | | | | | | | | | | | | |
| Dibromochloromethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,2-Dibromoethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Chlorobenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Ethylbenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| o-Xylene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| m,p-Xylene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Styrene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Bromoform | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| Isopropylbenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,3-Dichlorobenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,4-Dichlorobenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,2-Dichlorobenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,2-Dibromo-3-chloropropan | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |
| 1,2,3-Trichlorobenzene | 5.0U | U | | 5.0 | | | | | | | | | | | | | | |

**ANALYTICAL RESULTS**
**Table 1A**

Case No. : 37947 SDG No. : Y4G35
Site : PEMACO MAYWOOD
Lab : MITKEM LABORATORIES
Reviewer :
Date :

**QUALIFIED DATA**
**Concentration in ug/kg (Dry Weight)**

**Analysis Type :** Low Level Soil Samples for Volatiles

| Station Location : | Method Blank | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID : | VHBLKW5 | | | CRQL | | | | | | | | | | | | | | |
| Collection Date : | | | | | | | | | | | | | | | | | | |
| Dilution Factor : | 1.0 | | | | | | | | | | | | | | | | | |
| **Volatiles** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** | **Result** | **Val** | **Com** |
| Vinyl chloride-d3 | 57 | | | NA | | | | | | | | | | | | | | |
| Chloroethane-d5 | 61 | | | NA | | | | | | | | | | | | | | |
| 1,1-Dichloroethene-d2 | 35 | | | NA | | | | | | | | | | | | | | |
| 2-Butanone-d5 | 130 | | | NA | | | | | | | | | | | | | | |
| Chloroform-d | 50 | | | NA | | | | | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | 55 | | | NA | | | | | | | | | | | | | | |
| Benzene-d6 | 51 | | | NA | | | | | | | | | | | | | | |
| 1,2-Dichloropropane-d6 | 57 | | | NA | | | | | | | | | | | | | | |
| Toluene-d8 | 49 | | | NA | | | | | | | | | | | | | | |
| trans-1,3-Dichloropropene-d | 53 | | | NA | | | | | | | | | | | | | | |
| 2-Hexanone-d5 | 110 | | | NA | | | | | | | | | | | | | | |
| 1,4-Dioxane-d8 | 1100 | | | NA | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane-d | 52 | | | NA | | | | | | | | | | | | | | |
| 1,2-Dichlorobenzene-d4 | 49 | | | NA | | | | | | | | | | | | | | |
| Hexane | 0.50U | U | | 0.50 | | | | | | | | | | | | | | |
| Isopropanol | 25U | R | | 25 | | | | | | | | | | | | | | |
| Percent Solids | 100% | | | NA | | | | | | | | | | | | | | |

Val - Validity. Refer to Data Qualifiers in Table 1B.
Com - Comments. Refer to the Corresponding Section in the Narrative for each letter.
CRQL - Contract Required Quantitation LImit
N/A - Not Applicable
NA - Not Analyzed

D1, D2, etc. - Field Duplicate Pairs
FB - Field Blank, EB - Equipment Blank,
TB - Trip Blank, BG - Background Sample