

**FIRST QUARTER 2014
REMEDIATION PROGRESS REPORT**

**DEFENSE FUEL SUPPORT POINT
NORWALK
15306 NORWALK BOULEVARD
NORWALK, CALIFORNIA**

Prepared for:

**Defense Logistics Agency Energy
8725 John J. Kingman Road
Fort Belvoir, Virginia 22060-6222**

May 15, 2014

Prepared by



100 WEST WALNUT STREET • PASADENA • CALIFORNIA 91124

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ACRONYMS

| | |
|--------|---|
| AST | aboveground storage tank |
| BTEX | benzene, toluene, ethylbenzene, total xylenes |
| DFSP | Defense Fuel Support Point |
| DLA | Defense Logistics Agency |
| EPA | Environmental Protection Agency |
| GAC | granular activated carbon |
| GWE | groundwater extraction |
| JP | jet propellant |
| MTBE | methyl tertiary butyl ether |
| NPDES | National Pollutant Discharge Elimination System |
| OM&M | operation, maintenance, and monitoring |
| PID | photoionization detector |
| RWQCB | Regional Water Quality Control Board |
| SCAQMD | South Coast Air Quality Management District |
| Site | DFSP Norwalk facility |
| TBA | Tertiary butyl alcohol |
| TPH | total petroleum hydrocarbons |
| TPHg | total petroleum hydrocarbons quantified as gasoline |
| TPHd | total petroleum hydrocarbons quantified as diesel |
| USEPA | United States Environmental Protection Agency |
| SVE | soil vapor extraction |
| VOCs | volatile organic compounds |

1. INTRODUCTION

This remediation progress report was prepared by Parsons on behalf of the Defense Logistics Agency (DLA) Energy for the Defense Fuel Support Point (DFSP) Norwalk facility, located at 15306 Norwalk Boulevard, in the City of Norwalk, California as shown in Figure 1. This report will summarize remediation activities performed at the site during the first quarter 2014 reporting period.

This progress report is submitted pursuant to a request from the California Regional Water Quality Control Board, Los Angeles Region (RWQCB) in its letter dated May 3, 2013¹. This report describes remediation systems present at the site, and for the period of January through March 2014, this report summarizes:

- Documentation of operation, maintenance, and monitoring (OM&M) of remediation systems performed by Parsons field personnel;
- A description of remedial activities and progress achieved through OM&M activities; and
- A remediation system evaluation.

2. REMEDIATION SYSTEMS

Soil and groundwater at the areas of concern are impacted with hydrocarbons mainly consisting of jet propellant (JP)-5, diesel, benzene, toluene, ethylbenzene, and total xylenes (BTEX), methyl tertiary butyl ether (MTBE), and tertiary butyl alcohol (TBA). MTBE and TBA are groundwater impacts that have resulted from SFPP operations and remediation of these impacts is being addressed by SFPP. Remediation systems by DLA Energy were installed to treat the hydrocarbon impacts in soil and groundwater. The purposes of these remediation systems are to reduce hydrocarbon concentrations to cleanup goals, to prevent off-site migration and contaminant mass containment, and ultimately achieve site closure within a reasonable timeframe.

The impacted DLA Energy areas consist of the north-central former tank farm, the northeastern property boundary and off-site under Holifield Park areas, the northwest corner of the site, and the former water tank and truck fueling areas.

The remediation systems consist of soil vapor extraction (SVE), groundwater extraction (GWE), treatment of extracted soil vapors and groundwater, biosparging, free product extraction via vacuum recovery, and absorbent sock installations for passive recovery of free product.

The SVE well network for hydrocarbon extraction from vadose zone subsurface impacts is installed in the following areas as illustrated on Figure 2: the central tank farm area, northwestern AST 80001 area, AST 80006 area, central AST 80008 area, AST 55004 area, northeast area, water tank area, and truck fueling area. SVE is performed using a blower to remove soil vapors from the subsurface. The extracted vapors are conveyed to a knock-out tank that separates entrained moisture from the soil vapors. Accumulated moisture in the knock-out tank is treated by the main groundwater treatment system described below. The soil vapors are then treated through four granular activated carbon (GAC) vessels where volatile organic compounds (VOCs) are absorbed onto the GAC beds and entrapped in the vessels. Operation of

the SVE and treatment system is conducted in accordance with Permit to Operate No. G6961 A/N 501179 issued by the South Coast Air Quality Management District (SCAQMD).

The GWE wells for hydrocarbon extraction from dissolved-phase subsurface impacts are installed in the northwestern area, central tank farm area, and north eastern boundary area. The GWE systems consists of five vertical extraction wells of which four are 6-inch diameter wells and one is a 4-inch diameter well; and exsitu-treatment system consisting of a surge tank; pump; three bag filter vessels; two MYCELX vessels; three GAC vessels; two ion exchange vessels; discharge flow meter; and level/pump control instrumentation. Operation of the GWE and treatment system is conducted in accordance with a National Pollutant Discharge Elimination System (NPDES) permit (NPDES No. CAG994004, CI No. 7585).

The biosparge wells for hydrocarbon removal from dissolved-phase subsurface impacts are located from areas throughout the tank farm area and eastern boundary area. The biosparging wells are tied into the former total fluids extraction system. Under the optimized remedial system, biosparging is currently off-line.

Vacuum free product recovery is conducted on an as-needed basis at wells where measurable product thickness is greater than 1 foot. Wells are gauged bimonthly and vacuum recovery is conducted when necessary. Absorbent socks are installed in wells that have historically contained measureable free product and changed-out as needed.

A summary of remediation wells throughout the site is presented in Table 1. Table 1 includes well identifications, well construction details, well use, and operational status at the end of the first quarter 2014. The remediation system layout is presented in Figure 2.

3. OPERATIONS, MAINTENANCE, AND MONITORING

During this reporting period, OM&M of the remediation systems included the following tasks:

- Performed weekly maintenance and monitoring of the SVE and GWE wells, and the SVE and GWE treatment systems;
- Collected and analyzed system influent vapor and groundwater samples;
- Respiration testing; and
- Changed out MYCELX (MX-7 and MX-21) and bag filters (No. 1, 2, and 3).

In addition, system effluent vapor and water samples were collected and analyzed for compliance with SCAQMD and NPDES permits. The effluent water sampling results will be provided under separate cover in the NPDES discharge monitoring report for the first quarter 2014 period.

During this reporting period, remediation system inspections were performed on a weekly basis. For these inspections, vapor flow rate, vacuum, volumes of extracted groundwater, hours of operation, and other system parameters were recorded during system operation. Remediation system operations activities for the first quarter 2014 are summarized in Tables 2 and 3. The remediation systems operated during the first quarter 2014 with the following exceptions:

- GWE system was off:
 - ✓ To assess obstruction and minimize restriction in carbon train; and

- ✓ Overnight on March 20th due to power failure.
- SVE system was off:
 - ✓ January 8th through March 6th for respiration testing; and
 - ✓ Overnight on March 20th due to power failure.

Overall during the first quarter 2014, the SVE system operated approximately 35.6 percent of the time (which was expected due to the pulsed-operation mode), while the GWE system operated approximately 97.6 percent of the time. Performance and compliance soil vapor and water samples from the SVE and GWE systems were collected during the first quarter 2014 when the systems were in operation. During the first quarter 2014, vapor samples were collected on March 21st; when the SVE system was operating. Water samples were collected on January 22nd, February 12th, and March 21st, when the GWE system was operating. The vapor and water samples were delivered to Calscience Environmental Laboratories (Calscience) for analysis. Calscience is a laboratory certified by the California Department of Public Health Environmental Laboratory Accreditation Program.

The vapor samples were analyzed for the following:

- Total petroleum hydrocarbons (TPH) quantified as hexane using EPA Method TO-3M;
- BTEX and MTBE using EPA Method 8260B; and
- VOCs using EPA Method TO-15M.

The water samples were analyzed for the following:

- TPH quantified as gasoline (TPHg) and as diesel (TPHd) using EPA Method 8015Modified;
- VOCs using EPA Method 8260B;
- Metals (arsenic and copper) using EPA 6020;
- Oil and grease using SM5520B;
- Turbidity using SM2130B;
- Sulfides using SM4500S2-D;
- Residual chlorine using SM4500-CL F;
- Total suspended solids using SM2540 D;
- Settleable Solids using SM2540 F;
- Surfactants (MBAS) using SM5540C;
- Phenols using EPA 420.1; and
- Biological oxygen demand using EPA 405.1.

Analytical results for the influent vapor and water samples are summarized on Tables 4 and 5, respectively. The laboratory analytical reports are chain-of-custody documents for these samples are included in Appendix A.

Depths to product and groundwater in the GWE wells and specific monitoring wells were measured during the first quarter 2014 to the nearest 0.01 foot from the top of the well casing using an interface probe. The historical gauging results for selected wells are summarized in Table 6.

4. SUMMARY OF REMEDIATION PROGRESS

For the reporting period, the optimized remediation system consisted of SVE operating from the four horizontal wells that span through the entire former tank farm area and the six vertical wells in northeastern area; GWE from the northwest and northeastern areas; and vacuum product recovery from wells with product thickness greater than 1 foot.

The SVE system operated from four horizontal wells (HW-1, 3, 5, and 7) throughout the tank farm and six vertical wells (VEW-32 through VEW-37) from the northeast area. The SVE system operated approximately 35.6 percent of the time for the reporting period but was expected due to the pulsed-operation mode. The total mass of VOCs removed by SVE was approximately 0.108 pounds during the first quarter 2014 and since 1996, approximately 2,958 pounds (Table 2). The total mass removed by SVE does not include the mass removed by biodegradation.

Four wells, GW-2, GW-13, GW-15, and GW-16, were in operation during this reporting period for the GWE system. Overall, the GWE system operated approximately 97.6 percent of the time for the reporting period. During the fourth quarter and as referenced in Table 3; 1,950,806 gallons of water was extracted. Since 1996, approximately 69.8 million gallons of groundwater have been extracted via the GWE system. Based on the TPH results for influent water samples and total groundwater extracted, the mass of TPH removed by GWE was approximately 0.053 pounds (Table 3) during the first quarter 2014.

During the reporting period, approximately 76 gallons of free product was recovered from the site via vacuum recovery and/or passive absorbent socks (Table 3).

5. SYSTEM EVALUATION AND OPTIMIZATION

Remedial system optimization is on-going to ensure most effective operation for cleanup at the site. The most recent activities undertaken as part of remedial optimization include groundwater monitoring program evaluation which lead to the revised monitoring plan and respiration testing which resulted in pulsed-operation of the SVE system.

For the SVE treatment system, during the first quarter 2014, influent vapor-phase VOC concentrations were low and reaching asymptotic levels. The operations status of the SVE wells at the end of the first quarter 2014 is also shown on Table 1. Respiration testing was performed during first quarter 2014. Based on analysis of this data, pulsed system operation has commenced. Individual wells for VOC concentration will be measured to better determine specific wells to operate and determine those wells that have reached asymptotic levels whereby SVE is no longer deemed as an effective means of remediation.

Groundwater monitoring from the second semiannual event in October resulted in an overall lower groundwater elevation and a higher number of wells with measurable free product. The overall area of impacts and plumes are similar to previous events. As indicated by the non-detected, stable, or declining dissolved groundwater analytical data from off-site wells (as illustrating in the semiannual groundwater monitoring reports) and from the previous aquifer pump testing and groundwater capture zone analysis, the current GWE systems in the northeast area and northwest corner have been successful in preventing further impacted groundwater from

flowing off-site and have captured and treated a significant portion of impacted groundwater under Holifield Park and in the northwest corner. Results from the first semiannual 2014 groundwater monitoring event will be described in the second 2014 remediation progress report. GWE in the northwest and northeast areas will continue to assist with contaminant containment. In addition, vacuum product recovery and absorbent sock installation will continue as needed in wells where measureable product thickness is over 1 foot.

Optimization is on-going and all total fluids and extraction wells will be assessed to determine if additional extraction wells for the GWE system should be brought online as needed to take advantage of the lower groundwater levels and increase in measureable LNAPL in wells.

6. PLANNED SECOND QUARTER 2014 ACTIVITIES

During the second quarter 2014, DLA Energy plans to continue to focus remedial efforts on the northwest, northeast, and north-central areas. The following OM&M activities are planned to be completed during the second quarter 2014:

- Continue weekly maintenance and monitoring of the SVE and GWE treatment systems;
- Measure individual well vapor concentrations;
- Review current LNAPL thickness and evaluate nearby total fluid and extraction wells to determine if it is beneficial for remediation to bring any wells online with the GWE system;
- Collect and analyze system influent vapor and groundwater samples;
- Pulsed operation of SVE treatment system will continue; and
- Pre-mobilization activities for soil excavation effort.

The SVE and GWE systems for the northwest, northeast, and north-central areas will continue to operate. Based on SVE assessment, determine remedial operations for vadose zone impacts. Vacuum product recovery and absorbent sock installation will continue. The remediation activities and progress for the second quarter 2014 will be described in the Second Quarter 2014 Remediation Progress Report to be submitted by August 15, 2014.

TABLES

TABLE 1

Remediation Well Construction and Status

Defense Fuel Support Point Norwalk, Norwalk California

| Remediation Area | Well | Installation Date | Casing Elevation (ft msl) ¹ | Total Depth (ft bgs) ² | Screen Interval (ft bgs) | Remediation Well Function | Well Operation Status at End of First Quarter 2014 |
|--|---|-------------------|--|-----------------------------------|--------------------------|---------------------------|--|
| North-West (AST 80001) | GW-1 | 06/12/95 | 75.97 | 63 | 25 - 60 | GWE | OFF |
| | GW-2 | 06/12/95 | 75.78 | 63 | 25 - 60 | GWE | ON |
| | GW-3 | 06/13/95 | 75.79 | 63 | 25 - 60 | GWE | OFF |
| | GW-4 | 06/12/95 | 75.78 | 63 | 25 - 60 | GWE | OFF |
| | GW-13 | 04/26/07 | 76.85 | 67 | 25 - 65 | GWE | ON |
| | VEW-23 | 8/3/2004 | 76.20 | 25 | 15 - 25 | SVE | OFF |
| North-Central (AST 80002, AST 80004, AST 80006, AST 80007, AST 80008, AST 8001, AST 55004) | HW-1, HW-3, HW-5, HW-7 | | | 25 | continuous | SVE | ON |
| | GMW-21 ³ | 08/02/91 | 76.23 | 50 | 25 - 50 | TFE/GWE | OFF |
| | GW-14 | 04/26/07 | 76.54 | 67 | 25 - 65 | GWE | OFF |
| | SP-8, SP8a, SP-8b, SP-9, SP-11, SP-11a, SP-11b, SP-11c, SP-13, SP-13a, SP-13b, SP-13c, SP-13d, SP-14, SP-14a, SP-14b, SP-14c, SP-15, SP-15a, SP-16, SP-17, SP-17a, SP-18, SP-18a, SP-20, SP-20a, SP-21, SP-22, SP-23, SP-23a, SP-23b, SP-23c, SP-24, SP-24a, SP-24b, SP-24c, SP-25, SP-25a, SP-25b, SP-25c, SP-25d, SP-26, SP-26a | | | 50 | 48 - 50 | Biosparge | OFF |
| | TF-8 | 09/22/95 | 74.86 | 63 | 25 - 60 | TFE, GWE | OFF |
| | TF-9 | 09/22/95 | 74.47 | 63 | 25 - 60 | TFE, GWE | OFF |
| | TF-10 | 09/25/95 | 73.61 | 63 | 25 - 60 | TFE, GWE | OFF |
| | TF-11 | 09/25/95 | 74.40 | 63 | 25 - 60 | TFE, GWE | OFF |
| | TF-13 | 09/26/95 | 75.47 | 63 | 25 - 60 | TFE, GWE | OFF |
| | TF-14 | 09/27/95 | 74.35 | 63 | 25 - 60 | TFE, GWE | OFF |
| | TF-15 | 09/28/95 | 74.78 | 63 | 25 - 60 | TFE, GWE | OFF |
| | TF-16 | 09/28/95 | 75.89 | 63 | 25 - 60 | TFE, GWE | OFF |
| | TF-17 | 09/29/95 | 74.88 | 63 | 25 - 60 | TFE, GWE | OFF |
| | TF-18 | 07/06/94 | 73.94 | 50.5 | 20 - 50 | TFE, GWE | OFF |
| | TF-19 | 10/03/95 | 75.07 | 63 | 25 - 60 | TFE, GWE | OFF |
| | TF-20 | 10/03/95 | 75.08 | 63 | 25 - 60 | TFE, GWE | OFF |
| | TF-21 | 09/29/95 | 74.96 | 63 | 25 - 60 | TFE, GWE | OFF |
| | TF-22 | 10/02/95 | 74.76 | 63 | 25 - 60 | TFE, GWE | OFF |
| | TF-23 | 07/05/94 | 75.31 | 50.5 | 20 - 50 | TFE, GWE | OFF |
| | TF-24 ⁴ | 09/26/95 | 76.43 | 63 | 25 - 60 | TFE, GWE | OFF |
| | TF-25 | 04/04/01 | 74.85 | 47 | 26 - 36 | TFE, GWE | OFF |
| | TF-26 | 04/03/01 | 75.85 | 47 | 26 - 36 | TFE, GWE | OFF |
| | VEW-20 | 8/2/2004 | 75.95 | 25 | 15 - 25 | SVE | OFF |
| | VEW-21 | 8/2/2004 | 75.75 | 25 | 15 - 25 | SVE | OFF |
| | VEW-22 | 8/2/2004 | 77.09 | 20 | 10 - 20 | SVE | OFF |
| | VEW-24 | 8/2/2004 | 76.13 | 25 | 15 - 25 | SVE | OFF |
| | VEW-25 | 8/2/2004 | 76.14 | 25 | 15 - 25 | SVE | OFF |
| | VEW-26 | 8/4/2004 | 77.50 | 25 | 15 - 25 | SVE | OFF |
| | VEW-27 | 8/4/2004 | 77.07 | 25 | 15 - 25 | SVE | OFF |
| | VEW-28 | 8/3/2004 | 75.67 | 25 | 10 - 25 | SVE | OFF |
| VEW-29 | 8/3/2004 | 75.25 | 25 | 10 - 25 | SVE | OFF | |
| VEW-30 | 8/3/2004 | 75.65 | 25 | 10 - 25 | SVE | OFF | |

TABLE 1
Remediation Well Construction and Status
Defense Fuel Support Point Norwalk, Norwalk California

| Remediation Area | Well | Installation Date | Casing Elevation (ft msl) ¹ | Total Depth (ft bgs) ² | Screen Interval (ft bgs) | Remediation Well Function | Well Operation Status at End of First Quarter 2014 | |
|--|-----------------------|-------------------|--|-----------------------------------|--------------------------|---------------------------|--|-----|
| North-East | BSP-1 | 04/18/07 | --- | 50 | 47 - 49 | Biosparge | OFF | |
| | BSP-2 | 04/18/07 | --- | 50 | 48 - 50 | Biosparge | OFF | |
| | BSP-3 | 04/17/07 | --- | 48 | 46 - 48 | Biosparge | OFF | |
| | BSP-4 | 04/17/07 | --- | 49 | 47 - 49 | Biosparge | OFF | |
| | BSP-5 | 04/17/07 | --- | 49.5 | 47 - 49 | Biosparge | OFF | |
| | BSP-6 | 04/18/07 | --- | 49 | 47 - 49 | Biosparge | OFF | |
| | BSP-7 | 04/19/07 | --- | 48 | 46 - 48 | Biosparge | OFF | |
| | BSP-8 | 04/19/07 | --- | 48 | 46 - 48 | Biosparge | OFF | |
| | BSP-9 | 04/19/07 | --- | 48 | 46 - 48 | Biosparge | OFF | |
| | GMW-58 | 08/14/98 | 75.48 | 55 | 20 - 55 | GWE | OFF | |
| | GW-15 | 04/26/07 | 74.94 | 60.5 | 20.5 - 60.6 | GWE | ON | |
| | GW-16 | 07/07/09 | 76.33 | 63 | 20.5 - 60.5 | GWE | ON | |
| | SP-21a, SP-21b, SP-48 | | | | 50 | 48 - 50 | Biosparge | OFF |
| | VEW-32 | 04/11/07 | --- | 25 | 10 - 25 | SVE | ON | |
| | VEW-33 | 04/11/07 | --- | 25 | 10 - 25 | SVE | ON | |
| | VEW-34 | 04/11/07 | --- | 25 | 10 - 25 | SVE | ON | |
| | VEW-35 | 04/10/07 | --- | 25 | 10 - 25 | SVE | ON | |
| VEW-36 | 04/10/07 | --- | 25 | 10 - 25 | SVE | ON | | |
| VEW-37 | 40/10/07 | --- | 25 | 10 - 25 | SVE | ON | | |
| Former Truck Fueling Area and Adjacent Water Tank Area | VEW-31 | 8/3/2004 | 75.10 | 15 | 5 - 15 | SVE | OFF | |
| | VW-07 | --- | 75.64 | --- | --- | SVE | OFF | |
| | VW-09 | --- | 75.77 | --- | --- | SVE | OFF | |
| | VW.-10 | 03/23/04 | 75.78 | 30.5 | 20 - 30 | SVE | OFF | |
| | VW.-11 | 03/23/04 | 75.55 | 25 | 20 - 25 | SVE | OFF | |
| | VW.-12 | 03/23/04 | 75.79 | 30.5 | 15 - 30 | SVE | OFF | |
| | VW.-13 | 03/23/04 | 75.42 | 29 | 25 - 29 | SVE | OFF | |
| | VW.-14 | 03/23/04 | 75.89 | 28 | 15 - 28 | SVE | OFF | |
| | VW.-15 | 04/14/04 | 75.45 | 30 | 20 - 30 | SVE | OFF | |
| VW.-16 | 04/14/04 | 75.29 | 30 | 20 - 30 | SVE | OFF | | |

Notes:

1. ft msl = feet above mean sea level.
 2. ft bgs = feet below ground surface.
 3. GMW-21 is also referred to as TF-24.
 4. TF-24 is also referred to as "old TF-24" or "former TF-24". See also Note 3.
- = information not available.

TABLE 2
Vapor Remediation System Operation Summary
Defense Fuel Support Point Norwalk, Norwalk California

| System Inspection Date | Cumulative Hours of Operation (hours) | Incremental Hours of Operation (hours) | Influent Analytical TPH Concentration (ppmv as hexane) | Influent PID Reading (ppmv as hexane) | System Flow (cfm) | Mass Removed (pounds) |
|---|---------------------------------------|--|--|---------------------------------------|-------------------|-----------------------|
| 2011 Totals | | | | | | 106 |
| 2012 Totals | | | | | | 60 |
| First Quarter 2013 Total | | | | | | 15.6 |
| Second Quarter 2013 Total | | | | | | 11.9 |
| Third Quarter 2013 Total | | | | | | 1.566 |
| Fourth Quarter 2013 Total | | | | | | 0.388 |
| 3/21/2014 | 20,856 | 858 | | 4.2 | 140 | 0.108 |
| First Quarter 2014 Total | | | | | | 0.108 |
| Cumulative Mass Removed Since VES Reconstruction | | | | | | 195 |
| Cumulative Mass Removed Since April 1996 | | | | | | 2,958 |

TPH = total petroleum hydrocarbons
 ppmv = parts per million by volume
 cfm = cubic feet per minute
 --- = not applicable or not available

TABLE 3

Groundwater Remediation System - Historical Volumetric Flow

Defense Fuel Support Point Norwalk, Norwalk California

| Date | Groundwater Extracted from the North- West Area (gallons) | Groundwater Removed from GW-15 | Groundwater Removed from GW-16 | Groundwater Extracted from the North-East Area (gallons) | Total Groundwater Extracted from the Site (gallons) | TPH-d Concentration (µg/L) | TPH-d Removed from the Site (pounds) | Product Recovery (gallons) ¹ |
|-----------------------------------|---|--------------------------------------|--------------------------------------|--|---|----------------------------------|--|---|
| 2009 Totals | 2,350,770 | 1,585,448 | 441,829 | 2,027,277 | 4,212,900 | --- | --- | |
| 2010 Totals | 2,318,790 | 1,339,100 | 1,110,122 | 2,449,222 | 4,081,540 | --- | --- | |
| 2011 Totals | 2,595,532 | 2,364,088 | 1,810,568 | 4,174,656 | 6,401,590 | --- | 0.0119 | |
| 2012 Totals | 3,094,814 | 1,405,897 | 1,602,614 | 3,008,511 | 5,751,810 | --- | 0.0596 | |
| First Quarter 2013 Totals | 437,918 | 437,918 | 209,800 | 382,028 | 748,341 | --- | 0.0282 | |
| Second Quarter 2013 Totals | 415,194 | 159,266 | 180,503 | 339,769 | 673,397 | 6300 | 0.0250 | |
| Third Quarter 2013 Totals | 935,333 | 338,458 | 429,572 | 768,030 | 1,568,777 | 2500 | 0.0327 | 153.75 |
| Fourth Quarter 2013 Totals | 182,983 | 91,654 | 170,268 | 151,094 | 304,954 | 2500 | 0.0064 | 130 |
| 01/03/14 | 43,141 | 107,794 | 20,359 | 34,270 | 72,191 | --- | 0.0015 | --- |
| 01/06/13 | 40,813 | 14,796 | 19,031 | 31,835 | 68,670 | --- | 0.0014 | --- |
| 01/07/14 | 14,222 | 4,921 | 6,583 | 11,170 | 23,280 | --- | 0.0005 | 1.5 |
| 01/08/14 | 13,151 | 4,561 | 6,096 | 10,361 | 21,241 | --- | 0.0004 | --- |
| 01/10/14 | 28,840 | 10,677 | 13,341 | 22,914 | 48,079 | --- | 0.0010 | --- |
| 01/13/14 | 41,277 | 15,338 | 18,790 | 31,458 | 68,400 | --- | 0.0014 | --- |
| 01/14/14 | 16,051 | 6,207 | 7,387 | 12,317 | 27,390 | --- | 0.0006 | 1.5 |
| 01/17/14 | 38,795 | 13,896 | 17,437 | 28,994 | 63,003 | --- | 0.0013 | --- |
| 01/22/14 | 70,185 | 25,706 | 31,352 | 51,689 | 115,872 | --- | 0.0024 | 13.75 |
| 01/24/14 | 28,195 | 10,373 | 12,347 | 21,014 | 45,570 | --- | 0.0010 | --- |
| 01/27/14 | 39,340 | 15,467 | 17,873 | 30,232 | 66,615 | --- | 0.0014 | 1.5 |
| 01/29/14 | 28,714 | 11,107 | 12,883 | 22,455 | 47,395 | --- | 0.0010 | --- |
| 01/31/14 | 28,963 | 11,102 | 12,866 | 22,938 | 49,245 | --- | 0.0010 | --- |
| 02/03/14 | 39,135 | 15,148 | 17,542 | 30,247 | 64,545 | --- | 0.0013 | 7.75 |
| 02/04/14 | 168 | 411 | 463 | 137 | 1,645 | --- | 0.0000 | --- |
| 02/05/14 | 12,385 | 4,488 | 5,462 | 9,992 | 21,168 | --- | 0.0004 | --- |
| 02/07/14 | 24,408 | 9,380 | 11,661 | 19,457 | 41,439 | 3800 | 0.0013 | --- |
| 02/10/14 | 39,743 | 15,329 | 18,713 | 31,780 | 67,508 | --- | 0.0021 | --- |
| 02/12/14 | 25,364 | 9,628 | 11,810 | 20,105 | 43,677 | --- | 0.0014 | 1.5 |
| 02/14/14 | 26,598 | 10,339 | 12,564 | 21,391 | 46,445 | --- | 0.0015 | --- |
| 02/19/14 | 65,560 | 24,713 | 29,767 | 50,391 | 107,603 | --- | 0.0034 | 11 |

TABLE 3

Groundwater Remediation System - Historical Volumetric Flow

Defense Fuel Support Point Norwalk, Norwalk California

| Date | Groundwater Extracted from the North-West Area (gallons) | Groundwater Removed from GW-15 | Groundwater Removed from GW-16 | Groundwater Extracted from the North-East Area (gallons) | Total Groundwater Extracted from the Site (gallons) | TPH-d Concentration (µg/L) | TPH-d Removed from the Site (pounds) | Product Recovery (gallons) ¹ |
|-----------------------------------|--|--------------------------------|--------------------------------|--|---|----------------------------|--------------------------------------|---|
| 2009 Totals | 2,350,770 | 1,585,448 | 441,829 | 2,027,277 | 4,212,900 | --- | --- | |
| 2010 Totals | 2,318,790 | 1,339,100 | 1,110,122 | 2,449,222 | 4,081,540 | --- | --- | |
| 2011 Totals | 2,595,532 | 2,364,088 | 1,810,568 | 4,174,656 | 6,401,590 | --- | 0.0119 | |
| 2012 Totals | 3,094,814 | 1,405,897 | 1,602,614 | 3,008,511 | 5,751,810 | --- | 0.0596 | |
| First Quarter 2013 Totals | 437,918 | 437,918 | 209,800 | 382,028 | 748,341 | --- | 0.0282 | |
| Second Quarter 2013 Totals | 415,194 | 159,266 | 180,503 | 339,769 | 673,397 | 6300 | 0.0250 | |
| 02/21/14 | 26,516 | 9,462 | 12,351 | 19,803 | 43,048 | --- | 0.0014 | 1.25 |
| 02/24/14 | 41,947 | 14,862 | 17,842 | 31,729 | 68,503 | --- | 0.0022 | --- |
| 02/26/14 | 25,355 | 9,246 | 11,103 | 19,350 | 40,804 | --- | 0.0013 | 1.5 |
| 02/28/14 | 26,019 | 9,597 | 11,481 | 20,078 | 43,240 | --- | 0.0014 | --- |
| 03/03/14 | 41,994 | 15,719 | 18,781 | 32,244 | 69,622 | --- | 0.0022 | 14.5 |
| 03/04/14 | 13,798 | 5,131 | 6,113 | 10,610 | 22,143 | --- | 0.0007 | --- |
| 03/07/14 | 37,794 | 14,789 | 16,822 | 28,839 | 61,908 | --- | 0.0020 | --- |
| 03/10/14 | 41,289 | 15,831 | 18,027 | 31,476 | 68,017 | --- | 0.0022 | --- |
| 03/12/14 | 23,699 | 9,647 | 10,489 | 18,694 | 38,653 | --- | 0.0012 | 1.5 |
| 03/14/14 | 23,984 | 9,429 | 10,937 | 18,152 | 41,540 | --- | 0.0013 | 11.75 |
| 03/17/14 | 40,129 | 15,960 | 18,650 | 31,776 | 68,867 | --- | 0.0022 | --- |
| 03/19/14 | 25,749 | 10,271 | 11,853 | 20,335 | 42,995 | --- | 0.0014 | --- |
| 03/21/14 | 8,723 | 3,581 | 3,907 | 7,001 | 14,070 | --- | 0.0004 | --- |
| 03/24/14 | 35,641 | 15,369 | 16,625 | 29,161 | 62,280 | --- | 0.0020 | --- |
| 03/26/14 | 26,522 | 10,799 | 12,032 | 20,757 | 44,975 | --- | 0.0014 | 1.5 |
| 03/28/14 | 25,682 | 10,487 | 11,689 | 19,900 | 42,065 | --- | 0.0013 | --- |
| 03/31/14 | 39,784 | 16,202 | 18,328 | 30,614 | 67,095 | --- | 0.0021 | 5.5 |
| First Quarter 2014 Totals | 2,339,339 | 1,075,518 | 1,062,705 | 905,658 | 1,950,806 | 3800 | 0.0531 | 76 |

Notes:

1. Product recovery is accumulated from vacuum recovery operations from specific wells, including GMW-62, and estimated quantity from passive absorbent sock changeouts.

Abbreviations:

TPH-d = total petroleum hydrocarbons quantified as diesel.

µg/L = micrograms per liter

TABLE 4
Extracted Vapor Analytical Results
Defense Fuel Support Point Norwalk, Norwalk California

| Date Sampled | EPA TO-3M ¹ | EPA TO-15, ppb (v/v) | | | | | EPA 8260B (M), ppb (v/v) | | | | |
|--------------|------------------------|----------------------|--------------|---------|---------|---------|--------------------------|--------------|---------|---------|--------|
| | VOCs | Benzene | Ethylbenzene | Toluene | Xylenes | MTBE | Benzene | Ethylbenzene | Toluene | Xylenes | MTBE |
| 04/29/11 | 17 | 21 | 2.9 | ND(5.0) | 6.3 | ND(2.0) | 21 | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 05/27/11 | 13 | --- | --- | --- | --- | --- | 21 | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 06/30/11 | 11 | --- | --- | --- | --- | --- | 18 | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 07/27/11 | 8.6 | --- | --- | --- | --- | --- | 13 | 12 | ND(5.0) | 13 | ND(10) |
| 08/26/11 | 7.8 | --- | --- | --- | --- | --- | 12 | 20 | ND(5.0) | 26.4 | ND(10) |
| 09/30/11 | 6.9 | --- | --- | --- | --- | --- | 12 | 11 | ND(5.0) | 11 | ND(10) |
| 10/28/11 | 5.4 | --- | --- | --- | --- | --- | 11 | 15 | ND(5.0) | 28 | ND(10) |
| 11/30/11 | 8.5 | --- | --- | --- | --- | --- | 12 | 6.7 | ND(5.0) | 10 | ND(10) |
| 12/28/11 | 8.6 | --- | --- | --- | --- | --- | 24 | 9.6 | 7.5 | 22 | ND(10) |
| 01/26/12 | 3.7 | --- | --- | --- | --- | --- | ND(5.0) | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 02/24/12 | 4.6 | --- | --- | --- | --- | --- | ND(5.0) | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 03/28/12 | 4.1 | --- | --- | --- | --- | --- | ND(5.0) | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 04/27/12 | 3.6 | --- | --- | --- | --- | --- | ND(5.0) | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 05/31/12 | 6.5 | --- | --- | --- | --- | --- | ND(5.0) | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 06/28/12 | 5.3 | --- | --- | --- | --- | --- | ND(5.0) | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 07/26/12 | 4.1 | --- | --- | --- | --- | --- | ND(5.0) | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 08/31/12 | ND(3.0) | --- | --- | --- | --- | --- | ND(5.0) | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 09/27/12 | ND(3.0) | --- | --- | --- | --- | --- | ND(5.0) | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 10/30/12 | 6.1 | --- | --- | --- | --- | --- | ND(5.0) | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 11/26/12 | 4.2 | --- | --- | --- | --- | --- | ND(5.0) | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 12/19/12 | 3.2 | --- | --- | --- | --- | --- | ND(5.0) | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 01/31/13 | 4.6 | --- | --- | --- | --- | --- | N/A | N/A | N/A | N/A | N/A |
| 02/27/13 | 4.5 | --- | --- | --- | --- | --- | ND(5.0) | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 03/28/13 | 6.7 | --- | --- | --- | --- | --- | ND(5.0) | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 04/22/13 | 5.4 | --- | --- | --- | --- | --- | ND(5.0) | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 07/29/13 | ND(3.0) | --- | --- | --- | --- | --- | ND(5.0) | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 08/12/13 | ND(3.0) | --- | --- | --- | --- | --- | ND(5.0) | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 10/30/13 | 3.0 | --- | --- | --- | --- | --- | 14 | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 11/27/13 | ND(3.0) | --- | --- | --- | --- | --- | ND(5.0) | ND(5.0) | ND(5.0) | 15 | ND(10) |
| 12/19/13 | ND(3.0) | --- | --- | --- | --- | --- | ND(5.0) | ND(5.0) | ND(5.0) | ND(15) | ND(10) |
| 03/21/14 | ND(3.0) | --- | --- | --- | --- | --- | ND(5.0) | ND(5.0) | ND(5.0) | ND(15) | ND(10) |

¹ EPA-TO-3M in ppm v/v as hexane
VOCs = volatile organic compounds
MTBE = methyl tertiary butyl ether
ppm = parts per million
ND = not detected

TABLE 5

Extracted Groundwater Analytical Results

Defense Fuel Support Point Norwalk, Norwalk California

| Date Sampled | TPH-fp mg/L | TPH-d mg/L | TPH-g mg/L | Benzene µg/L | Toluene µg/L | Ethylbenzene µg/L | mp-Xylenes µg/L | o-Xylene µg/L | TBA µg/L | MTBE µg/L | DIPE µg/L | ETBE µg/L | TAME µg/L |
|--------------|-------------|------------|------------|--------------|--------------|-------------------|-----------------|---------------|----------|-----------|-----------|-----------|-----------|
| 04/22/08 | 580 | --- | --- | 71 | 25 | 17 | 42 | 30 | 14 | 4.6 | ND(2.0) | ND(2.0) | ND(2.0) |
| 05/01/08 | 700 | 810 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 05/16/08 | 780 | 760 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 06/12/08 | 150 | --- | --- | ND(0.50) | ND(0.50) | ND(0.50) | ND(0.50) | ND(0.50) | 25 | 7.7 | ND(2.0) | ND(2.0) | ND(2.0) |
| 07/19/08 | --- | 170 | ND(100) | 27 | 0.77 | 7 | 13 | 7.9 | ND(10) | 3.9 | ND(2.0) | ND(2.0) | ND(2.0) |
| 09/03/08 | --- | --- | --- | --- | --- | --- | --- | --- | ND(10) | --- | --- | --- | --- |
| 09/08/08 | --- | --- | --- | 27 | 0.99 | 8.3 | 13 | 8.2 | ND(10) | 3.1 | ND(2.0) | ND(2.0) | ND(2.0) |
| 09/15/08 | --- | --- | --- | 36 | 0.81 | 8.5 | 12 | 6.8 | ND(10) | 3.8 | ND(2.0) | ND(2.0) | ND(2.0) |
| 11/13/08 | --- | --- | --- | 27 | ND(0.50) | 2 | 12 | 5.6 | ND(10) | ND(0.50) | ND(2.0) | ND(2.0) | ND(2.0) |
| 11/26/08 | --- | --- | --- | ND(0.50) | ND(0.50) | ND(0.50) | 1.3 | 0.61 | 16 | 5.6 | ND(2.0) | ND(2.0) | ND(2.0) |
| 12/13/08 | --- | --- | --- | ND(0.50) | ND(0.50) | 0.56 | 1.1 | 0.54 | 19 | 7 | ND(2.0) | ND(2.0) | ND(2.0) |
| 01/09/09 | --- | --- | --- | ND(0.50) | ND(0.50) | ND(0.50) | ND(0.50) | ND(0.50) | ND(10) | ND(0.50) | ND(2.0) | ND(2.0) | ND(2.0) |
| 03/05/09 | --- | ND(100) | --- | 21 | ND(0.50) | 2.5 | 7.2 | 3.1 | 12 | 3.1 | ND(2.0) | ND(2.0) | ND(2.0) |
| 03/18/09 | --- | 200 | 170 | 21 | ND(0.50) | 2.9 | 7 | 4.5 | 13 | 3.3 | ND(2.0) | ND(2.0) | ND(2.0) |
| 05/15/09 | --- | ND(100) | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 06/04/09 | --- | 190 | --- | 26 | ND(0.50) | 3.3 | 10 | 6.6 | ND(10) | 4.8 | ND(2.0) | ND(2.0) | ND(2.0) |
| 06/24/09 | --- | --- | --- | 28 | ND(0.50) | 2.5 | 7.6 | 4.2 | 12 | 4.4 | ND(2.0) | ND(2.0) | ND(2.0) |
| 05/28/09 | --- | 170 | --- | 27 | ND(0.50) | 2.6 | 7.9 | 4.5 | ND(10) | 3.6 | ND(2.0) | ND(2.0) | ND(2.0) |
| 11/19/09 | --- | ND(100) | --- | 15 | ND(0.50) | 1.3 | 5.8 | 2.9 | 5.6 | 2.3 | 1.2 | ND(2.0) | ND(2.0) |
| 10/26/10 | --- | --- | --- | 20 | ND(0.50) | 1.6 | 7.4 | 2.1 | 8 | 2.9 | 1.1 | ND(2.0) | ND(2.0) |
| 06/01/11 | --- | 90 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 07/14/11 | --- | --- | --- | 13 | ND(0.50) | 2.3 | 6.2 | 3 | 6.7 | 1.6 | ND(2.0) | ND(2.0) | ND(2.0) |
| 09/13/11 | --- | --- | --- | 5 | ND(0.50) | 0.37 | 3.4 | 0.99 | ND(10) | 1.3 | ND(2.0) | ND(2.0) | ND(2.0) |
| 09/22/11 | --- | --- | --- | 5.5 | ND(0.50) | 0.92 | 7.2 | 1.6 | 5.6 | 1.1 | ND(2.0) | ND(2.0) | ND(2.0) |
| 10/19/11 | --- | --- | --- | 8.2 | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(10) | ND(1.0) | ND(2.0) | ND(2.0) | ND(2.0) |
| 01/20/12 | --- | --- | --- | 14 | ND(0.50) | 2.8 | 7.8 | 1.2 | 16 | 1.3 | 0.42 | ND(2.0) | ND(2.0) |
| 02/03/12 | --- | 120 | 340 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 02/17/12 | --- | --- | --- | 10 | ND(0.50) | 1.5 | 7.4 | 1.2 | 15 | 1.2 | 0.39 | ND(2.0) | ND(2.0) |
| 02/24/12 | --- | 180 | --- | 26 | ND(0.50) | 1.0 | 7 | 1.2 | ND(10) | 1.2 | 0.41 | ND(2.0) | ND(2.0) |
| 03/02/12 | --- | --- | --- | 23 | ND(0.50) | 1.4 | 11 | 2.4 | 8.7 | 1.4 | 0.47 | ND(2.0) | ND(2.0) |
| 03/06/12 | --- | --- | --- | 28 | ND(0.50) | 1.0 | 9 | 1.7 | 13 | 1.1 | 0.37 | ND(2.0) | ND(2.0) |
| 06/15/12 | --- | --- | --- | 39 | 13 | 17.0 | 88 | 26 | ND(10) | 1.3 | 0.52 | ND(2.0) | ND(2.0) |
| 08/31/12 | --- | 820 | 940 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 09/27/12 | --- | 5,300 | 3800 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10/23/12 | --- | --- | --- | 67 | 60 | 110 | 460 | 140 | ND(10) | ND(0.50) | ND(2.0) | ND(2.0) | ND(2.0) |
| 01/31/13 | --- | 3,600 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 05/01/13 | --- | 6,300 | 5500 | 20 | 4.7 | 8 | 41 | 14 | 4.8 | 0.56 | ND(2.0) | ND(2.0) | ND(2.0) |
| 07/12/13 | --- | ND(100) | ND(100) | ND(0.50) | ND(0.50) | ND(0.50) | ND(0.50) | ND(0.50) | ND(10) | ND(0.50) | ND(2.0) | ND(2.0) | ND(2.0) |
| 08/20/13 | --- | ND(100) | ND(100) | ND(0.50) | ND(0.50) | ND(0.50) | ND(0.50) | ND(0.50) | ND(10) | ND(0.50) | ND(2.0) | ND(2.0) | ND(2.0) |
| 12/19/13 | --- | ND(100) | ND(100) | ND(0.50) | ND(0.50) | ND(0.50) | ND(0.50) | ND(0.50) | ND(10) | ND(0.50) | ND(2.0) | ND(2.0) | ND(2.0) |
| 02/07/14 | --- | 1,500 | 2300 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 03/21/14 | --- | --- | --- | 61 | 5.1 | 23 | 150 | 45 | ND(10) | 0.87 | ND(2.0) | ND(2.0) | ND(2.0) |

TPH-fp = total petroleum hydrocarbons quantified as fuel products
 TPH-d = total hydrocarbons quantified as diesel
 TPH-g = total petroleum hydrocarbons quantified as gasoline
 TBA = tert-butyl alcohol

MTBE = methyl tert-butyl ether
 DIPE = Diisopropyl ether
 ETBE = ethyl tert-butyl ether
 TAME = tert-amyl-methyl ether

TABLE 6

Summary of Historical Groundwater Elevations of Selected Wells

Defense Fuel Support Point Norwalk, Norwalk California

| Well | Date | Top of Casing Elevation (feet msl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet msl) |
|--------|----------|------------------------------------|------------------------------|----------------------------|-----------------------------------|----------------------------------|
| GMW-4 | 02/26/14 | | 31.66 | 31.75 | 0.09 | |
| GMW-4 | 03/03/14 | | 31.48 | 31.57 | 0.09 | |
| GMW-4 | 03/11/14 | | 31.44 | 31.53 | 0.09 | |
| GMW-6 | 03/21/07 | 77.31 | --- | 28.06 | --- | 49.25 |
| GMW-6 | 04/27/07 | 77.31 | --- | 28.02 | --- | 49.29 |
| GMW-6 | 08/28/07 | 77.31 | --- | 28.51 | --- | 48.80 |
| GMW-6 | 11/12/07 | 77.31 | --- | 28.48 | --- | 48.83 |
| GMW-6 | 02/05/08 | 77.31 | --- | 29.32 | --- | 47.99 |
| GMW-6 | 04/11/08 | 77.31 | --- | 28.34 | --- | 48.97 |
| GMW-6 | 07/24/08 | 77.31 | --- | 28.81 | --- | 48.50 |
| GMW-6 | 10/13/08 | 77.31 | --- | 29.48 | --- | 47.83 |
| GMW-6 | 02/09/09 | 77.31 | --- | 29.62 | --- | 47.69 |
| GMW-6 | 04/20/09 | 77.31 | --- | 29.21 | --- | 48.10 |
| GMW-6 | 07/16/09 | 77.31 | --- | 29.51 | --- | 47.80 |
| GMW-6 | 10/19/09 | 77.31 | --- | 29.94 | --- | 47.37 |
| GMW-6 | 04/07/10 | 77.31 | --- | 29.74 | --- | 47.57 |
| GMW-6 | 04/12/10 | 77.31 | --- | 29.42 | --- | 47.89 |
| GMW-6 | 01/06/11 | 77.31 | --- | 30.23 | --- | 47.08 |
| GMW-6 | 02/24/11 | 77.31 | --- | 29.29 | --- | 48.02 |
| GMW-6 | 04/08/11 | 77.31 | --- | 28.86 | --- | 48.45 |
| GMW-6 | 07/07/11 | 77.31 | --- | 29.16 | --- | 48.15 |
| GMW-6 | 10/06/11 | 77.31 | --- | 29.62 | --- | 47.69 |
| GMW-6 | 04/12/12 | 77.31 | --- | 30.86 | --- | 46.45 |
| GMW-6 | 04/19/12 | 77.31 | --- | 30.57 | --- | 46.74 |
| GMW-6 | 01/10/13 | 77.31 | --- | 31.96 | --- | 45.35 |
| GMW-6 | 04/02/13 | 77.31 | --- | 31.91 | --- | 45.40 |
| GMW-6 | 04/08/13 | 77.31 | --- | 31.91 | --- | 45.40 |
| GMW-12 | 04/30/07 | 75.21 | --- | 25.51 | --- | 49.70 |
| GMW-12 | 11/12/07 | 75.21 | --- | 25.46 | --- | 49.75 |
| GMW-12 | 04/14/08 | 75.21 | --- | 25.72 | --- | 49.49 |
| GMW-12 | 07/24/08 | 75.21 | --- | 26.06 | --- | 49.15 |
| GMW-12 | 10/14/08 | 75.21 | --- | 26.83 | --- | 48.38 |
| GMW-12 | 02/10/09 | 75.21 | --- | 26.39 | --- | 48.82 |
| GMW-12 | 04/20/09 | 75.21 | --- | 26.38 | --- | 48.83 |
| GMW-12 | 10/19/09 | 75.21 | --- | 27.62 | --- | 47.59 |
| GMW-12 | 04/08/10 | 75.21 | --- | 27.17 | --- | 48.04 |
| GMW-12 | 04/12/10 | 75.21 | --- | 26.83 | --- | 48.38 |
| GMW-12 | 01/08/11 | 75.21 | --- | 28.05 | --- | 47.16 |
| GMW-12 | 04/07/11 | 75.21 | --- | 26.54 | --- | 48.67 |
| GMW-12 | 07/08/11 | 75.21 | --- | 26.57 | --- | 48.64 |
| GMW-12 | 10/07/11 | 75.21 | --- | 27.25 | --- | 47.96 |
| GMW-12 | 04/12/12 | 75.21 | --- | 28.38 | --- | 46.83 |
| GMW-12 | 04/16/12 | 75.21 | --- | 28.25 | --- | 46.96 |
| GMW-12 | 01/10/13 | 75.21 | --- | 29.97 | --- | 45.24 |
| GMW-12 | 04/03/13 | 75.21 | --- | 29.88 | --- | 45.33 |
| GMW-12 | 04/08/13 | 75.21 | --- | 29.94 | --- | 45.27 |
| GMW-15 | 03/21/07 | 76.21 | --- | 26.38 | --- | 49.83 |
| GMW-15 | 04/27/07 | 76.21 | --- | 26.90 | --- | 49.31 |
| GMW-15 | 08/28/07 | 76.21 | --- | 26.70 | --- | 49.51 |
| GMW-15 | 11/12/07 | 76.21 | --- | 27.38 | --- | 48.83 |
| GMW-15 | 02/05/08 | 76.21 | --- | 27.78 | --- | 48.43 |
| GMW-15 | 04/11/08 | 76.21 | --- | 27.29 | --- | 48.92 |
| GMW-15 | 07/24/08 | 76.21 | --- | 27.52 | --- | 48.69 |
| GMW-15 | 10/13/08 | 76.21 | --- | 28.36 | --- | 47.85 |
| GMW-15 | 02/09/09 | 76.21 | --- | 28.51 | --- | 47.70 |
| GMW-15 | 04/20/09 | 76.21 | --- | 28.31 | --- | 47.90 |
| GMW-15 | 07/16/09 | 76.21 | --- | 28.32 | --- | 47.89 |
| GMW-15 | 10/19/09 | 76.21 | --- | 28.90 | --- | 47.31 |
| GMW-15 | 04/08/10 | 76.21 | --- | 28.51 | --- | 47.70 |
| GMW-15 | 04/12/10 | 76.21 | --- | 28.24 | --- | 47.97 |

TABLE 6

Summary of Historical Groundwater Elevations of Selected Wells

Defense Fuel Support Point Norwalk, Norwalk California

| Well | Date | Top of Casing Elevation (feet msl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet msl) |
|--------|----------|------------------------------------|------------------------------|----------------------------|-----------------------------------|----------------------------------|
| GMW-15 | 01/06/11 | 76.21 | --- | 29.10 | --- | 47.11 |
| GMW-15 | 04/08/11 | 76.21 | --- | 27.81 | --- | 48.40 |
| GMW-15 | 07/07/11 | 76.21 | --- | 28.05 | --- | 48.16 |
| GMW-15 | 10/06/11 | 76.21 | --- | 28.53 | --- | 47.68 |
| GMW-15 | 04/12/12 | 76.21 | --- | 29.75 | --- | 46.46 |
| GMW-15 | 04/19/12 | 76.21 | --- | 29.45 | --- | 46.76 |
| GMW-15 | 01/10/13 | 76.21 | --- | 30.88 | --- | 45.33 |
| GMW-15 | 04/02/13 | 76.21 | --- | 30.82 | --- | 45.39 |
| GMW-15 | 04/08/13 | 76.21 | --- | 30.78 | --- | 45.43 |
| GMW-16 | 03/21/07 | 77.00 | --- | 27.51 | --- | 49.49 |
| GMW-16 | 04/27/07 | 77.00 | --- | 27.72 | --- | 49.28 |
| GMW-16 | 08/28/07 | 77.00 | --- | 27.99 | --- | 49.01 |
| GMW-16 | 11/12/07 | 77.00 | --- | 28.33 | --- | 48.67 |
| GMW-16 | 02/05/08 | 77.00 | --- | 28.68 | --- | 48.32 |
| GMW-16 | 04/11/08 | 77.00 | --- | 28.13 | --- | 48.87 |
| GMW-16 | 07/24/08 | 77.00 | --- | 28.56 | --- | 48.44 |
| GMW-16 | 10/13/08 | 77.00 | --- | 29.21 | --- | 47.79 |
| GMW-16 | 02/09/09 | 77.00 | --- | 29.18 | --- | 47.82 |
| GMW-16 | 04/20/09 | 77.00 | --- | 30.50 | --- | 46.50 |
| GMW-16 | 07/16/09 | 77.00 | --- | 29.52 | --- | 47.48 |
| GMW-16 | 10/19/09 | 77.00 | --- | 30.24 | --- | 46.76 |
| GMW-16 | 04/07/10 | 77.00 | --- | 29.68 | --- | 47.32 |
| GMW-16 | 04/12/10 | 77.00 | --- | 29.38 | --- | 47.62 |
| GMW-16 | 01/08/11 | 77.00 | --- | 26.47 | --- | 50.53 |
| GMW-16 | 07/07/11 | 77.00 | --- | 29.04 | --- | 47.96 |
| GMW-16 | 10/06/11 | 77.00 | --- | 29.48 | --- | 47.52 |
| GMW-16 | 04/12/12 | 77.00 | --- | 30.53 | --- | 46.47 |
| GMW-16 | 04/18/12 | 77.00 | --- | 30.29 | --- | 46.71 |
| GMW-16 | 01/11/13 | 77.00 | --- | 31.68 | --- | 45.32 |
| GMW-16 | 04/02/13 | 77.00 | --- | 31.66 | --- | 45.34 |
| GMW-16 | 04/08/13 | 77.00 | --- | 31.65 | --- | 45.35 |
| GMW-18 | 03/21/07 | 75.36 | --- | 25.18 | --- | 50.18 |
| GMW-18 | 04/30/07 | 75.36 | --- | 25.72 | --- | 49.64 |
| GMW-18 | 08/28/07 | 75.36 | --- | 25.62 | --- | 49.74 |
| GMW-18 | 11/12/07 | 75.36 | --- | 26.29 | --- | 49.07 |
| GMW-18 | 02/05/08 | 75.36 | --- | 26.73 | --- | 48.63 |
| GMW-18 | 04/14/08 | 75.36 | --- | 25.91 | --- | 49.45 |
| GMW-18 | 10/14/08 | 75.36 | --- | 27.00 | --- | 48.36 |
| GMW-18 | 02/10/09 | 75.36 | --- | 26.50 | --- | 48.86 |
| GMW-18 | 04/20/09 | 75.36 | --- | 26.80 | --- | 48.56 |
| GMW-18 | 07/17/09 | 75.36 | --- | 27.41 | --- | 47.95 |
| GMW-18 | 10/19/09 | 75.36 | --- | 27.91 | --- | 47.45 |
| GMW-18 | 04/08/10 | 75.36 | --- | 27.30 | --- | 48.06 |
| GMW-18 | 04/12/10 | 75.36 | --- | 27.44 | --- | 47.92 |
| GMW-18 | 10/01/10 | 75.36 | --- | 27.80 | --- | 47.56 |
| GMW-18 | 01/08/11 | 75.36 | --- | 27.86 | --- | 47.50 |
| GMW-18 | 04/12/12 | 75.36 | --- | 28.54 | --- | 46.82 |
| GMW-18 | 04/20/12 | 75.36 | --- | 28.45 | --- | 46.91 |
| GMW-18 | 04/05/13 | 75.36 | 29.66 | 30.33 | 0.67 | NC |
| GMW-18 | 04/08/13 | 75.36 | 29.64 | 30.21 | 0.57 | NC |
| GMW-19 | 03/21/07 | 76.83 | --- | 27.41 | --- | 49.42 |
| GMW-19 | 04/30/07 | 76.83 | --- | 27.48 | --- | 49.35 |
| GMW-19 | 08/28/07 | 76.83 | --- | 28.00 | --- | 48.83 |
| GMW-19 | 11/12/07 | 76.83 | --- | 28.04 | --- | 48.79 |
| GMW-19 | 02/05/08 | 76.83 | --- | 28.67 | --- | 48.16 |
| GMW-19 | 04/14/08 | 76.83 | --- | 27.64 | --- | 49.19 |
| GMW-19 | 07/24/08 | 76.83 | --- | 27.97 | --- | 48.86 |
| GMW-19 | 10/14/08 | 76.83 | --- | 28.76 | --- | 48.07 |
| GMW-19 | 02/10/09 | 76.83 | --- | 27.35 | --- | 49.48 |
| GMW-19 | 04/20/09 | 76.83 | --- | 28.71 | --- | 48.12 |

TABLE 6

Summary of Historical Groundwater Elevations of Selected Wells

Defense Fuel Support Point Norwalk, Norwalk California

| Well | Date | Top of Casing Elevation (feet msl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet msl) |
|--------|----------|------------------------------------|------------------------------|----------------------------|-----------------------------------|----------------------------------|
| GMW-19 | 07/17/09 | 76.83 | --- | 28.79 | --- | 48.04 |
| GMW-19 | 10/19/09 | 76.83 | --- | 29.54 | --- | 47.29 |
| GMW-19 | 04/08/10 | 76.83 | --- | 29.05 | --- | 47.78 |
| GMW-19 | 04/12/10 | 76.83 | --- | 29.16 | --- | 47.67 |
| GMW-19 | 01/08/11 | 76.83 | --- | NM | --- | NC |
| GMW-19 | 07/08/11 | 76.83 | --- | NM | --- | NC |
| GMW-19 | 10/06/11 | 76.83 | --- | 29.06 | --- | 47.77 |
| GMW-19 | 04/12/12 | 76.83 | --- | 30.26 | --- | 46.57 |
| GMW-19 | 04/18/12 | 76.83 | --- | 30.09 | --- | 46.74 |
| GMW-19 | 01/10/13 | 76.83 | --- | 31.56 | --- | 45.27 |
| GMW-19 | 04/03/13 | 76.83 | --- | 31.49 | --- | 45.34 |
| GMW-19 | 04/08/13 | 76.83 | --- | 31.60 | --- | 45.23 |
| GMW-21 | 04/27/07 | 76.23 | --- | 26.41 | --- | 49.82 |
| GMW-21 | 11/09/07 | 76.23 | 27.34 | 27.37 | 0.03 | NC |
| GMW-21 | 02/05/08 | 76.23 | --- | 27.79 | --- | 48.44 |
| GMW-21 | 10/13/08 | 76.23 | --- | 28.18 | --- | 48.05 |
| GMW-21 | 02/09/09 | 76.23 | --- | 27.48 | --- | 48.75 |
| GMW-21 | 07/17/09 | 76.23 | --- | 28.40 | --- | 47.83 |
| GMW-21 | 04/07/10 | 76.23 | --- | 28.81 | --- | 47.42 |
| GMW-21 | 10/01/10 | 76.23 | --- | NM | --- | NC |
| GMW-21 | 01/06/11 | 76.23 | --- | 26.85 | --- | 49.38 |
| GMW-21 | 04/06/11 | 76.23 | --- | 27.78 | --- | 48.45 |
| GMW-21 | 07/07/11 | 76.23 | --- | 27.95 | --- | 48.28 |
| GMW-21 | 10/06/11 | 76.23 | --- | 28.41 | --- | 47.82 |
| GMW-21 | 04/12/12 | 76.23 | --- | 29.48 | --- | 46.75 |
| GMW-21 | 01/10/13 | 76.23 | 30.43 | 31.90 | 1.47 | NC |
| GMW-21 | 04/02/13 | 76.23 | 30.66 | 30.73 | 0.07 | NC |
| GMW-21 | 04/08/13 | 76.23 | 30.56 | 31.05 | 0.49 | NC |
| GMW-21 | 04/11/13 | 76.23 | 30.56 | 30.93 | 0.37 | 45.30 |
| GMW-21 | 04/15/13 | 76.23 | 30.57 | 31.09 | 0.52 | 45.14 |
| GMW-21 | 04/24/13 | 76.23 | 30.77 | 31.99 | 1.22 | 44.24 |
| GMW-21 | 04/29/13 | 76.23 | 30.75 | 31.1 | 0.35 | 45.13 |
| GMW-21 | 05/07/13 | 76.23 | 30.71 | 31.43 | 0.72 | 44.80 |
| GMW-21 | 05/13/13 | 76.23 | 30.7 | 31.29 | 0.59 | 44.94 |
| GMW-21 | 05/20/13 | 76.23 | 30.76 | 31.37 | 0.61 | 44.86 |
| GMW-21 | 05/28/13 | 76.23 | 30.71 | 31.03 | 0.32 | 45.20 |
| GMW-21 | 06/04/13 | 76.23 | 30.75 | 31.13 | 0.38 | 45.10 |
| GMW-21 | 06/18/13 | 76.23 | 30.83 | 31.64 | 0.81 | 44.59 |
| GMW-21 | 06/28/13 | 76.23 | 30.83 | 31.69 | 0.86 | 44.54 |
| GMW-21 | 07/02/13 | 76.23 | 30.93 | 31.35 | 0.42 | 44.88 |
| GMW-21 | 07/09/13 | 76.23 | 31.00 | 31.37 | 0.37 | 44.86 |
| GMW-21 | 07/16/13 | 76.23 | 30.99 | 31.65 | 0.66 | 44.58 |
| GMW-21 | 07/23/13 | 76.23 | 31.00 | 31.8 | 0.80 | 44.43 |
| GMW-21 | 07/31/13 | 76.23 | 31.03 | 31.92 | 0.89 | 44.31 |
| GMW-21 | 08/07/13 | 76.23 | 31.12 | 31.75 | 0.63 | 44.48 |
| GMW-21 | 08/13/13 | 76.23 | 31.16 | 31.45 | 0.29 | 44.78 |
| GMW-21 | 08/23/13 | 76.23 | 31.18 | 32.12 | 0.94 | 44.11 |
| GMW-21 | 08/27/13 | 76.23 | 31.20 | 32.14 | 0.94 | 44.09 |
| GMW-21 | 09/03/13 | 76.23 | 31.23 | 32.15 | 0.92 | 44.08 |
| GMW-21 | 09/10/13 | 76.23 | 31.29 | 32.12 | 0.83 | 44.11 |
| GMW-21 | 09/16/13 | 76.23 | 31.29 | 31.98 | 0.69 | 44.25 |
| GMW-21 | 09/24/13 | 76.23 | --- | 31.43 | --- | 44.80 |
| GMW-21 | 09/30/13 | 76.23 | 28.76 | 30.72 | 1.96 | 45.51 |
| GMW-21 | 10/09/13 | 76.23 | 31.23 | 31.77 | 0.54 | 44.46 |
| GMW-21 | 10/15/13 | 76.23 | 31.29 | 31.4 | 0.11 | 44.83 |
| GMW-21 | 10/21/13 | 76.23 | 28.75 | 30.51 | 1.76 | 45.72 |
| GMW-21 | 10/29/13 | 76.23 | 31.32 | 32.11 | 0.79 | 44.12 |
| GMW-21 | 11/04/13 | 76.23 | 31.34 | 32.15 | 0.81 | 44.08 |
| GMW-21 | 11/12/13 | 76.23 | 31.35 | 32.15 | 0.80 | 44.08 |
| GMW-21 | 11/19/13 | 76.23 | 31.33 | 32.18 | 0.85 | 44.05 |

TABLE 6

Summary of Historical Groundwater Elevations of Selected Wells

Defense Fuel Support Point Norwalk, Norwalk California

| Well | Date | Top of Casing Elevation (feet msl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet msl) |
|--------|----------|------------------------------------|------------------------------|----------------------------|-----------------------------------|----------------------------------|
| GMW-21 | 11/25/13 | 76.23 | 31.38 | 32.25 | 0.87 | 43.98 |
| GMW-21 | 12/02/13 | 76.23 | 31.33 | 32.24 | 0.91 | 43.99 |
| GMW-21 | 12/10/13 | 76.23 | 31.37 | 32.14 | 0.77 | 44.09 |
| GMW-21 | 12/16/13 | 76.23 | 31.40 | 32.21 | 0.81 | 44.02 |
| GMW-21 | 12/24/13 | 76.23 | 31.43 | 32.25 | 0.82 | 43.98 |
| GMW-21 | 12/30/13 | 76.23 | 31.49 | 32.32 | 0.83 | 43.91 |
| GMW-21 | 01/07/14 | 76.23 | 31.54 | 32.32 | 0.78 | 43.91 |
| GMW-21 | 01/14/14 | 76.23 | 31.59 | 32.39 | 0.80 | 43.84 |
| GMW-21 | 01/21/14 | 76.23 | 31.63 | 32.42 | 0.79 | 43.81 |
| GMW-21 | 01/27/14 | 76.23 | 31.77 | 32.02 | 0.25 | 44.21 |
| GMW-21 | 02/03/14 | 76.23 | 31.85 | 32.09 | 0.24 | 44.14 |
| GMW-21 | 02/12/14 | 76.23 | --- | 31.96 | --- | 44.27 |
| GMW-21 | 02/21/14 | 76.23 | --- | 32.05 | --- | 44.18 |
| GMW-21 | 02/26/14 | 76.23 | 32.07 | 32.08 | 0.01 | 44.15 |
| GMW-21 | 03/03/14 | 76.23 | 31.92 | 32.96 | 1.04 | 43.27 |
| GMW-21 | 03/11/14 | 76.23 | 31.96 | 32.78 | 0.82 | 43.45 |
| GMW-21 | 03/17/14 | 76.23 | 31.89 | 33.07 | 1.18 | 43.16 |
| GMW-21 | 03/26/14 | 76.23 | 32.03 | 32.87 | 0.84 | 43.36 |
| GMW-21 | 03/31/14 | 76.23 | 32.07 | 32.48 | 0.41 | 43.75 |
| GMW-32 | 03/21/07 | 74.62 | --- | 24.51 | --- | 50.11 |
| GMW-32 | 04/30/07 | 74.62 | --- | 25.03 | --- | 49.59 |
| GMW-32 | 08/28/07 | 74.62 | --- | 24.78 | --- | 49.84 |
| GMW-32 | 11/12/07 | 74.62 | --- | 25.62 | --- | 49.00 |
| GMW-32 | 02/05/08 | 74.62 | --- | 25.93 | --- | 48.69 |
| GMW-32 | 04/14/08 | 74.62 | --- | 25.11 | --- | 49.51 |
| GMW-32 | 07/24/08 | 74.62 | --- | 25.52 | --- | 49.10 |
| GMW-32 | 10/14/08 | 74.62 | --- | 26.35 | --- | 48.27 |
| GMW-32 | 02/10/09 | 74.62 | --- | 26.15 | --- | 48.47 |
| GMW-32 | 04/20/09 | 74.62 | --- | 27.28 | --- | 47.34 |
| GMW-32 | 07/16/09 | 74.62 | --- | 26.71 | --- | 47.91 |
| GMW-32 | 10/19/09 | 74.62 | --- | 27.24 | --- | 47.38 |
| GMW-32 | 04/08/10 | 74.62 | --- | 26.61 | --- | 48.01 |
| GMW-32 | 04/12/10 | 74.62 | --- | 26.82 | --- | 47.80 |
| GMW-32 | 04/07/11 | 74.62 | --- | 25.72 | --- | 48.90 |
| GMW-32 | 10/06/11 | 74.62 | --- | 26.71 | --- | 47.91 |
| GMW-32 | 04/12/12 | 74.62 | --- | 27.94 | --- | 46.68 |
| GMW-32 | 04/19/12 | 74.62 | --- | 27.83 | --- | 46.79 |
| GMW-32 | 01/10/13 | 74.62 | --- | 29.31 | --- | 45.31 |
| GMW-32 | 04/03/13 | 74.62 | --- | 29.34 | --- | 45.28 |
| GMW-32 | 04/08/13 | 74.62 | --- | 29.32 | --- | 45.30 |
| GMW-33 | 03/21/07 | 74.88 | --- | 25.61 | --- | 49.27 |
| GMW-33 | 04/30/07 | 74.88 | --- | 25.44 | --- | 49.44 |
| GMW-33 | 08/28/07 | 74.88 | --- | 25.94 | --- | 48.94 |
| GMW-33 | 11/12/07 | 74.88 | --- | 25.97 | --- | 48.91 |
| GMW-33 | 02/05/08 | 74.88 | --- | 26.87 | --- | 48.01 |
| GMW-33 | 04/11/08 | 74.88 | --- | 25.58 | --- | 49.30 |
| GMW-33 | 07/24/08 | 74.88 | --- | 26.11 | --- | 48.77 |
| GMW-33 | 10/13/08 | 74.88 | --- | 26.93 | --- | 47.95 |
| GMW-33 | 02/10/09 | 74.88 | --- | 27.05 | --- | 47.83 |
| GMW-33 | 07/16/09 | 74.88 | --- | 27.41 | --- | 47.47 |
| GMW-33 | 04/07/10 | 74.88 | --- | 26.82 | --- | 48.06 |
| GMW-33 | 10/01/10 | 74.88 | --- | 27.43 | --- | 47.45 |
| GMW-33 | 04/07/11 | 74.88 | --- | NM | --- | NC |
| GMW-33 | 10/06/11 | 74.88 | --- | NM | --- | NC |
| GMW-33 | 04/12/12 | 74.88 | --- | NM | --- | NC |
| GMW-33 | 01/10/13 | 74.88 | --- | NM | --- | NC |
| GMW-33 | 04/03/13 | 74.88 | --- | NM | --- | NC |
| GMW-40 | 04/30/07 | 73.13 | --- | 23.74 | --- | 49.39 |
| GMW-40 | 11/12/07 | 73.13 | --- | 24.60 | --- | 48.53 |
| GMW-40 | 04/11/08 | 73.13 | --- | 24.09 | --- | 49.04 |

TABLE 6

Summary of Historical Groundwater Elevations of Selected Wells

Defense Fuel Support Point Norwalk, Norwalk California

| Well | Date | Top of Casing Elevation (feet msl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet msl) |
|--------|----------|------------------------------------|------------------------------|----------------------------|-----------------------------------|----------------------------------|
| GMW-40 | 10/14/08 | 73.13 | --- | 25.01 | --- | 48.12 |
| GMW-40 | 02/10/09 | 73.13 | --- | 25.05 | --- | 48.08 |
| GMW-40 | 04/20/09 | 73.13 | --- | 27.40 | --- | 45.73 |
| GMW-40 | 10/19/09 | 73.13 | --- | 26.00 | --- | 47.13 |
| GMW-40 | 04/08/10 | 73.13 | --- | 25.31 | --- | 47.82 |
| GMW-40 | 04/12/10 | 73.13 | --- | 25.20 | --- | 47.93 |
| GMW-40 | 10/01/10 | 73.13 | --- | 25.83 | --- | 47.30 |
| GMW-40 | 10/04/10 | 73.13 | --- | 25.70 | --- | 47.43 |
| GMW-40 | 01/07/11 | 73.13 | --- | NM | --- | NC |
| GMW-40 | 04/11/11 | 73.13 | --- | NM | --- | NC |
| GMW-40 | 10/10/11 | 73.13 | --- | 25.13 | --- | 48.00 |
| GMW-40 | 04/12/12 | 73.13 | --- | 26.48 | --- | 46.65 |
| GMW-41 | 04/30/07 | 74.46 | --- | 25.06 | --- | 49.40 |
| GMW-41 | 11/12/07 | 74.46 | --- | 25.87 | --- | 48.59 |
| GMW-41 | 04/11/08 | 74.46 | --- | 25.44 | --- | 49.02 |
| GMW-41 | 07/24/08 | 74.46 | --- | 25.80 | --- | 48.66 |
| GMW-41 | 10/14/08 | 74.46 | --- | 26.35 | --- | 48.11 |
| GMW-41 | 02/10/09 | 74.46 | --- | 26.58 | --- | 47.88 |
| GMW-41 | 04/20/09 | 74.46 | --- | 26.61 | --- | 47.85 |
| GMW-41 | 10/19/09 | 74.46 | --- | 27.34 | --- | 47.12 |
| GMW-41 | 04/08/10 | 74.46 | --- | 26.64 | --- | 47.82 |
| GMW-41 | 04/12/10 | 74.46 | --- | 26.44 | --- | 48.02 |
| GMW-41 | 10/04/10 | 74.46 | --- | 26.91 | --- | 47.55 |
| GMW-41 | 01/07/11 | 74.46 | --- | 27.58 | --- | 46.88 |
| GMW-41 | 04/08/11 | 74.46 | --- | 26.01 | --- | 48.45 |
| GMW-41 | 04/11/11 | 74.46 | --- | NM | --- | NC |
| GMW-41 | 07/08/11 | 74.46 | --- | 26.01 | --- | 48.45 |
| GMW-41 | 10/06/11 | 74.46 | --- | 26.61 | --- | 47.85 |
| GMW-41 | 10/10/11 | 74.46 | --- | 26.53 | --- | 47.93 |
| GMW-41 | 04/12/12 | 74.46 | --- | 27.77 | --- | 46.69 |
| GMW-41 | 04/16/12 | 74.46 | --- | 27.54 | --- | 46.92 |
| GMW-41 | 01/11/13 | 74.46 | --- | 29.47 | --- | 44.99 |
| GMW-41 | 04/03/13 | 74.46 | --- | 29.29 | --- | 45.17 |
| GMW-41 | 04/08/13 | 74.46 | --- | 29.16 | --- | 45.30 |
| GMW-42 | 04/30/07 | 75.50 | --- | 26.07 | --- | 49.43 |
| GMW-42 | 11/12/07 | 75.50 | --- | 26.38 | --- | 49.12 |
| GMW-42 | 04/11/08 | 75.50 | --- | 25.95 | --- | 49.55 |
| GMW-42 | 10/16/08 | 75.50 | --- | 26.92 | --- | 48.58 |
| GMW-42 | 04/07/10 | 75.50 | --- | 27.60 | --- | 47.90 |
| GMW-42 | 10/01/10 | 75.50 | --- | 28.13 | --- | 47.37 |
| GMW-42 | 01/08/11 | 75.50 | --- | 28.03 | --- | 47.47 |
| GMW-42 | 04/12/12 | 75.50 | --- | 28.88 | --- | 46.62 |
| GMW-44 | 04/30/07 | 74.45 | --- | 25.32 | --- | 49.13 |
| GMW-44 | 11/12/07 | 74.45 | --- | 25.82 | --- | 48.63 |
| GMW-44 | 04/14/08 | 74.45 | --- | 25.45 | --- | 49.00 |
| GMW-44 | 07/24/08 | 74.45 | --- | 25.95 | --- | 48.50 |
| GMW-44 | 10/14/08 | 74.45 | --- | 26.60 | --- | 47.85 |
| GMW-44 | 02/10/09 | 74.45 | --- | 26.87 | --- | 47.58 |
| GMW-44 | 04/20/09 | 74.45 | --- | 26.51 | --- | 47.94 |
| GMW-44 | 10/19/09 | 74.45 | --- | 27.43 | --- | 47.02 |
| GMW-44 | 04/08/10 | 74.45 | --- | 26.77 | --- | 47.68 |
| GMW-44 | 04/12/10 | 74.45 | --- | 26.51 | --- | 47.94 |
| GMW-44 | 01/07/11 | 74.45 | --- | 27.47 | --- | 46.98 |
| GMW-44 | 04/08/11 | 74.45 | --- | 26.05 | --- | 48.40 |
| GMW-44 | 07/08/11 | 74.45 | --- | NM | --- | NC |
| GMW-44 | 10/06/11 | 74.45 | --- | 26.91 | --- | 47.54 |
| GMW-44 | 04/12/12 | 74.45 | --- | 28.13 | --- | 46.32 |
| GMW-44 | 04/16/12 | 74.45 | --- | 27.92 | --- | 46.53 |
| GMW-44 | 01/10/13 | 74.45 | --- | 29.54 | --- | 44.91 |

TABLE 6

Summary of Historical Groundwater Elevations of Selected Wells

Defense Fuel Support Point Norwalk, Norwalk California

| Well | Date | Top of Casing Elevation (feet msl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet msl) |
|--------|----------|------------------------------------|------------------------------|----------------------------|-----------------------------------|----------------------------------|
| GMW-44 | 04/03/13 | 74.45 | --- | 29.51 | --- | 44.94 |
| GMW-44 | 04/08/13 | 74.45 | --- | 29.42 | --- | 45.03 |
| GMW-45 | 03/21/07 | 75.67 | --- | 26.09 | --- | 49.58 |
| GMW-45 | 04/27/07 | 75.67 | --- | 26.48 | --- | 49.19 |
| GMW-45 | 08/28/07 | 75.67 | --- | 26.42 | --- | 49.25 |
| GMW-45 | 11/12/07 | 75.67 | --- | 26.94 | --- | 48.73 |
| GMW-45 | 02/05/08 | 74.45 | --- | 27.52 | --- | 46.93 |
| GMW-45 | 04/11/08 | 75.67 | --- | 26.76 | --- | 48.91 |
| GMW-45 | 07/24/08 | 75.67 | --- | 27.27 | --- | 48.40 |
| GMW-45 | 10/13/08 | 75.67 | --- | 27.95 | --- | 47.72 |
| GMW-45 | 02/09/09 | 74.45 | --- | 27.68 | --- | 46.77 |
| GMW-45 | 04/20/09 | 75.67 | --- | 27.58 | --- | 48.09 |
| GMW-45 | 07/16/09 | 75.67 | --- | 27.91 | --- | 47.76 |
| GMW-45 | 10/19/09 | 75.67 | --- | 28.54 | --- | 47.13 |
| GMW-45 | 04/07/10 | 75.67 | --- | 28.22 | --- | 47.45 |
| GMW-45 | 04/12/10 | 75.67 | --- | 27.85 | --- | 47.82 |
| GMW-45 | 01/06/11 | 75.67 | --- | 28.75 | --- | 46.92 |
| GMW-45 | 04/07/11 | 75.67 | --- | 27.38 | --- | 48.29 |
| GMW-45 | 07/07/11 | 75.67 | --- | 27.63 | --- | 48.04 |
| GMW-45 | 10/07/11 | 75.67 | --- | 28.22 | --- | 47.45 |
| GMW-45 | 04/12/12 | 75.67 | --- | 29.30 | --- | 46.37 |
| GMW-45 | 04/19/12 | 75.67 | --- | 29.02 | --- | 46.65 |
| GMW-45 | 01/10/13 | 75.67 | --- | 30.35 | --- | 45.32 |
| GMW-45 | 04/02/13 | 75.67 | --- | 30.34 | --- | 45.33 |
| GMW-45 | 04/08/13 | 75.67 | --- | 30.29 | --- | 45.38 |
| GMW-47 | 03/21/07 | 75.98 | --- | 26.30 | --- | 49.68 |
| GMW-47 | 04/27/07 | 75.98 | --- | 26.71 | --- | 49.27 |
| GMW-47 | 08/28/07 | 75.98 | --- | 26.74 | --- | 49.24 |
| GMW-47 | 11/12/07 | 75.98 | --- | 27.12 | --- | 48.86 |
| GMW-47 | 02/05/08 | 75.98 | --- | 27.75 | --- | 48.23 |
| GMW-47 | 04/11/08 | 75.98 | --- | 26.93 | --- | 49.05 |
| GMW-47 | 07/24/08 | 75.98 | --- | 27.49 | --- | 48.49 |
| GMW-47 | 10/13/08 | 75.98 | --- | 28.19 | --- | 47.79 |
| GMW-47 | 02/09/09 | 75.98 | --- | 28.07 | --- | 47.91 |
| GMW-47 | 04/20/09 | 75.98 | --- | 27.66 | --- | 48.32 |
| GMW-47 | 07/16/09 | 75.98 | --- | 28.22 | --- | 47.76 |
| GMW-47 | 07/20/09 | 75.98 | --- | 28.10 | --- | 47.88 |
| GMW-47 | 10/19/09 | 75.98 | --- | 28.48 | --- | 47.50 |
| GMW-47 | 01/11/10 | 75.98 | --- | 29.10 | --- | 46.88 |
| GMW-47 | 04/07/10 | 75.98 | --- | NM | --- | NC |
| GMW-47 | 04/12/10 | 75.98 | --- | 28.52 | --- | 47.46 |
| GMW-47 | 01/06/11 | 75.98 | --- | 29.05 | --- | 46.93 |
| GMW-47 | 04/07/11 | 75.98 | --- | 27.50 | --- | 48.48 |
| GMW-47 | 07/07/11 | 75.98 | --- | 27.83 | --- | 48.15 |
| GMW-47 | 10/06/11 | 75.98 | --- | 28.41 | --- | 47.57 |
| GMW-47 | 01/10/12 | 75.98 | --- | 28.71 | --- | 47.27 |
| GMW-47 | 04/12/12 | 75.98 | --- | 29.55 | --- | 46.43 |
| GMW-47 | 04/20/12 | 75.98 | --- | 29.26 | --- | 46.72 |
| GMW-47 | 01/10/13 | 75.98 | --- | 30.57 | --- | 45.41 |
| GMW-47 | 04/02/13 | 75.98 | --- | 30.55 | --- | 45.43 |
| GMW-47 | 04/08/13 | 75.98 | --- | 30.55 | --- | 45.43 |
| GMW-57 | 07/07/11 | 76.66 | --- | 28.53 | --- | 48.13 |
| GMW-57 | 10/06/11 | 76.66 | --- | 29.12 | --- | 47.54 |
| GMW-57 | 01/09/12 | 76.66 | --- | 29.48 | --- | 47.18 |
| GMW-57 | 04/12/12 | 76.66 | --- | 30.15 | --- | 46.51 |
| GMW-57 | 04/17/12 | 76.66 | --- | 29.85 | --- | 46.81 |
| GMW-57 | 01/10/13 | 76.66 | --- | 31.18 | --- | 45.48 |
| GMW-57 | 04/02/13 | 76.66 | --- | 31.18 | --- | 45.48 |
| GMW-57 | 04/08/13 | 76.66 | --- | 31.04 | --- | 45.62 |

TABLE 6

Summary of Historical Groundwater Elevations of Selected Wells

Defense Fuel Support Point Norwalk, Norwalk California

| Well | Date | Top of Casing Elevation (feet msl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet msl) |
|--------|----------|------------------------------------|------------------------------|----------------------------|-----------------------------------|----------------------------------|
| GMW-58 | 07/08/11 | 75.48 | --- | 26.46 | --- | 49.02 |
| GMW-58 | 10/06/11 | 75.48 | --- | 27.11 | --- | 48.37 |
| GMW-58 | 01/10/12 | 75.48 | --- | 27.42 | --- | 48.06 |
| GMW-58 | 04/12/12 | 75.48 | --- | 28.20 | --- | 47.28 |
| GMW-58 | 04/18/12 | 75.48 | --- | 27.86 | --- | 47.62 |
| GMW-58 | 01/11/13 | 75.48 | --- | 29.26 | --- | 46.22 |
| GMW-58 | 04/03/13 | 75.48 | --- | 29.23 | --- | 46.25 |
| GMW-58 | 04/08/13 | 75.48 | --- | 29.17 | --- | 46.31 |
| GMW-59 | 07/07/11 | 75.28 | --- | 25.69 | --- | 49.59 |
| GMW-59 | 10/06/11 | 75.28 | --- | 26.35 | --- | 48.93 |
| GMW-59 | 01/10/12 | 75.28 | --- | 26.80 | --- | 48.48 |
| GMW-59 | 04/12/12 | 75.28 | 27.55 | 27.56 | 0.01 | NC |
| GMW-59 | 04/20/12 | 75.28 | --- | 27.28 | --- | 48.00 |
| GMW-59 | 01/10/13 | 75.28 | --- | 28.60 | --- | 46.68 |
| GMW-59 | 04/03/13 | 75.28 | --- | 28.62 | --- | 46.66 |
| GMW-59 | 04/08/13 | 75.28 | --- | 29.02 | --- | 46.26 |
| GMW-61 | 11/01/04 | 75.60 | --- | 28.02 | --- | 47.58 |
| GMW-61 | 02/28/05 | 75.60 | --- | 23.81 | --- | 51.79 |
| GMW-61 | 05/02/05 | 75.60 | --- | 22.18 | --- | 53.42 |
| GMW-61 | 03/06/06 | 75.60 | --- | 24.53 | --- | 51.07 |
| GMW-61 | 05/01/06 | 75.60 | --- | 24.64 | --- | 50.96 |
| GMW-61 | 08/26/06 | 75.60 | --- | 25.13 | --- | 50.47 |
| GMW-61 | 12/01/06 | 75.60 | --- | 25.60 | --- | 50.00 |
| GMW-61 | 03/21/07 | 75.60 | --- | 26.01 | --- | 49.59 |
| GMW-61 | 04/27/07 | 75.60 | --- | 26.25 | --- | 49.35 |
| GMW-61 | 08/28/07 | 75.60 | --- | 26.21 | --- | 49.39 |
| GMW-61 | 11/12/07 | 75.60 | --- | 26.67 | --- | 48.93 |
| GMW-61 | 02/05/08 | 75.60 | --- | 27.17 | --- | 48.43 |
| GMW-61 | 04/11/08 | 75.60 | --- | 26.29 | --- | 49.31 |
| GMW-61 | 07/24/08 | 75.60 | --- | 27.01 | --- | 48.59 |
| GMW-61 | 10/13/08 | 75.60 | --- | 27.73 | --- | 47.87 |
| GMW-61 | 02/09/09 | 75.60 | --- | 27.56 | --- | 48.04 |
| GMW-61 | 04/20/09 | 75.60 | --- | 27.14 | --- | 48.46 |
| GMW-61 | 07/16/09 | 75.60 | --- | 27.69 | --- | 47.91 |
| GMW-61 | 07/20/09 | 75.60 | --- | 27.84 | --- | 47.76 |
| GMW-61 | 10/19/09 | 75.60 | --- | 28.22 | --- | 47.38 |
| GMW-61 | 01/11/10 | 75.60 | --- | 28.81 | --- | 46.79 |
| GMW-61 | 04/07/10 | 75.60 | --- | 27.67 | --- | 47.93 |
| GMW-61 | 04/12/10 | 75.60 | --- | 27.22 | --- | 48.38 |
| GMW-61 | 01/08/11 | 75.60 | --- | 28.37 | --- | 47.23 |
| GMW-61 | 04/08/11 | 75.60 | --- | 26.68 | --- | 48.92 |
| GMW-61 | 07/07/11 | 75.60 | --- | 27.23 | --- | 48.37 |
| GMW-61 | 10/06/11 | 75.60 | --- | 27.92 | --- | 47.68 |
| GMW-61 | 01/10/12 | 75.60 | --- | 28.41 | --- | 47.19 |
| GMW-61 | 04/12/12 | 75.60 | --- | 29.06 | --- | 46.54 |
| GMW-61 | 04/19/12 | 75.60 | --- | 28.71 | --- | 46.89 |
| GMW-61 | 01/11/13 | 75.60 | --- | 30.05 | --- | 45.55 |
| GMW-61 | 04/03/13 | 75.60 | --- | 30.11 | --- | 45.49 |
| GMW-61 | 04/08/13 | 75.60 | --- | 30.01 | --- | 45.59 |
| GMW-62 | 07/02/07 | 76.34 | --- | 27.03 | --- | 49.31 |
| GMW-62 | 02/05/08 | 76.34 | --- | 27.79 | --- | 48.55 |
| GMW-62 | 04/14/08 | 76.34 | --- | 26.87 | --- | 49.47 |
| GMW-62 | 07/24/08 | 76.34 | --- | 27.98 | --- | 48.36 |
| GMW-62 | 10/14/08 | 76.34 | --- | 28.24 | --- | 48.10 |
| GMW-62 | 02/10/09 | 76.34 | --- | 28.31 | --- | 48.03 |
| GMW-62 | 04/20/09 | 76.34 | --- | 27.94 | --- | 48.40 |
| GMW-62 | 07/17/09 | 76.34 | --- | 28.15 | --- | 48.19 |
| GMW-62 | 07/21/09 | 76.34 | --- | 28.30 | --- | 48.04 |
| GMW-62 | 10/19/09 | 76.34 | --- | 29.00 | --- | 47.34 |

TABLE 6

Summary of Historical Groundwater Elevations of Selected Wells

Defense Fuel Support Point Norwalk, Norwalk California

| Well | Date | Top of Casing Elevation (feet msl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet msl) |
|--------|----------|------------------------------------|------------------------------|----------------------------|-----------------------------------|----------------------------------|
| GMW-62 | 01/11/10 | 76.34 | --- | 29.51 | --- | 46.83 |
| GMW-62 | 04/12/10 | 76.34 | --- | 28.24 | --- | 48.10 |
| GMW-62 | 01/10/11 | 76.34 | 28.78 | 29.08 | 0.30 | NC |
| GMW-62 | 04/07/11 | 76.34 | 26.89 | 28.57 | 1.68 | NC |
| GMW-62 | 07/07/11 | 76.34 | 28.03 | 28.14 | 0.11 | NC |
| GMW-62 | 10/06/11 | 76.34 | 28.45 | 29.39 | 0.94 | NC |
| GMW-62 | 01/09/12 | 76.34 | 28.97 | 29.02 | 0.05 | NC |
| GMW-62 | 04/12/12 | 76.34 | 29.58 | 29.68 | 0.10 | NC |
| GMW-62 | 04/18/12 | 76.34 | 29.40 | 29.46 | 0.06 | NC |
| GMW-62 | 01/11/13 | 76.34 | --- | 30.62 | --- | 45.72 |
| GMW-62 | 04/03/13 | 76.34 | 30.42 | 31.36 | 0.94 | NC |
| GMW-62 | 04/08/13 | 76.34 | 30.35 | 32.13 | 1.78 | NC |
| GMW-62 | 04/11/13 | 76.34 | 30.56 | 32.42 | 1.86 | 43.92 |
| GMW-62 | 04/15/13 | 76.34 | 30.46 | 33.48 | 3.02 | 42.86 |
| GMW-62 | 04/24/13 | 76.34 | 30.83 | 33.05 | 2.22 | 43.29 |
| GMW-62 | 05/02/13 | 76.34 | 30.01 | 33.3 | 3.29 | 43.04 |
| GMW-62 | 05/07/13 | 76.34 | 29.96 | 33.27 | 3.31 | 43.07 |
| GMW-62 | 05/13/13 | 76.34 | 29.98 | 33.29 | 3.31 | 43.05 |
| GMW-62 | 05/20/13 | 76.34 | 30.3 | 32.62 | 2.32 | 43.72 |
| GMW-62 | 06/03/13 | 76.34 | 30.24 | 32.81 | 2.57 | 43.53 |
| GMW-62 | 06/12/13 | 76.34 | 30.52 | 33.98 | 3.46 | 42.36 |
| GMW-62 | 06/18/13 | 76.34 | 31.02 | 33.14 | 2.12 | 43.20 |
| GMW-62 | 06/28/13 | 76.34 | 30.72 | 34.02 | 3.30 | 42.32 |
| GMW-62 | 07/02/13 | 76.34 | 30.25 | 33.53 | 3.28 | 42.81 |
| GMW-62 | 07/08/13 | 76.34 | 30.51 | 35.15 | 4.64 | 41.19 |
| GMW-62 | 07/16/13 | 76.34 | 30.96 | 33.84 | 2.88 | 42.50 |
| GMW-62 | 07/22/13 | 76.34 | 30.63 | 35.21 | 4.58 | 41.13 |
| GMW-62 | 07/31/13 | 76.34 | 30.91 | 34.33 | 3.42 | 42.01 |
| GMW-62 | 08/05/13 | 76.34 | 30.57 | 35.43 | 4.86 | 40.91 |
| GMW-62 | 08/13/13 | 76.34 | 30.97 | 34.35 | 3.38 | 41.99 |
| GMW-62 | 08/19/13 | 76.34 | 30.6 | 35.79 | 5.19 | 40.55 |
| GMW-62 | 08/27/13 | 76.34 | 31.02 | 34.53 | 3.51 | 41.81 |
| GMW-62 | 09/03/13 | 76.34 | 30.65 | 35.37 | 4.72 | 40.97 |
| GMW-62 | 09/10/13 | 76.34 | 30.71 | 33.77 | 3.06 | 42.57 |
| GMW-62 | 09/16/13 | 76.34 | 30.45 | 34.02 | 3.57 | 42.32 |
| GMW-62 | 09/24/13 | 76.34 | 30.58 | 34.02 | --- | 42.32 |
| GMW-62 | 09/30/13 | 76.34 | 30.39 | 34.36 | 3.97 | 41.98 |
| GMW-62 | 10/09/13 | 76.34 | 30.44 | 33.75 | 3.31 | 42.59 |
| GMW-62 | 10/15/13 | 76.34 | 30.4 | 34.12 | 3.72 | 42.22 |
| GMW-62 | 10/21/13 | 76.34 | 30.42 | 34.29 | 3.87 | 42.05 |
| GMW-62 | 10/29/13 | 76.34 | 30.56 | 34.19 | 3.63 | 42.15 |
| GMW-62 | 11/04/13 | 76.34 | 30.46 | 34.49 | 4.03 | 41.85 |
| GMW-62 | 11/12/13 | 76.34 | 30.59 | 34.31 | 3.72 | 42.03 |
| GMW-62 | 11/19/13 | 76.34 | 30.46 | 34.65 | 4.19 | 41.69 |
| GMW-62 | 11/25/13 | 76.34 | 30.58 | 34.1 | 3.52 | 42.24 |
| GMW-62 | 12/02/13 | 76.34 | 30.37 | 34.61 | 4.24 | 41.73 |
| GMW-62 | 12/10/13 | 76.34 | 30.51 | 34.08 | 3.57 | 42.26 |
| GMW-62 | 12/16/13 | 76.34 | 30.44 | 34.45 | 4.01 | 41.89 |
| GMW-62 | 12/24/13 | 76.34 | 31.22 | 34.7 | 3.48 | 41.64 |
| GMW-62 | 01/07/14 | 76.34 | 31.43 | 34.32 | 2.89 | 42.02 |
| GMW-62 | 01/14/14 | 76.34 | 30.87 | 35.83 | 4.96 | 40.51 |
| GMW-62 | 01/21/14 | 76.34 | 30.66 | 36.98 | 6.32 | 39.36 |
| GMW-62 | 01/27/14 | 76.34 | 31.58 | 34.00 | 2.42 | 42.34 |
| GMW-62 | 02/03/14 | 76.34 | 30.95 | 34.87 | 3.92 | 41.47 |
| GMW-62 | 02/12/14 | 76.34 | 31.56 | 34.14 | 2.58 | 42.20 |
| GMW-62 | 02/18/14 | 76.34 | 31.27 | 35.13 | 3.86 | 41.21 |
| GMW-62 | 02/26/14 | 76.34 | 31.71 | 33.96 | 2.25 | 42.38 |
| GMW-62 | 03/03/14 | 76.34 | 31.41 | 34.73 | 3.32 | 41.61 |
| GMW-62 | 03/11/14 | 76.34 | 31.77 | 33.74 | 1.97 | 42.60 |
| GMW-62 | 03/17/14 | 76.34 | 31.37 | 34.56 | 3.19 | 41.78 |

TABLE 6

Summary of Historical Groundwater Elevations of Selected Wells

Defense Fuel Support Point Norwalk, Norwalk California

| Well | Date | Top of Casing Elevation (feet msl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet msl) |
|--------|----------|------------------------------------|------------------------------|----------------------------|-----------------------------------|----------------------------------|
| GMW-62 | 03/26/14 | 76.34 | 31.62 | 34.10 | 2.48 | 42.24 |
| GMW-62 | 03/31/14 | 76.34 | 31.36 | 34.91 | 3.55 | 41.43 |
| GMW-65 | 07/17/09 | 76.78 | --- | 28.65 | --- | 48.13 |
| GMW-65 | 07/21/09 | 76.78 | --- | 28.83 | --- | 47.95 |
| GMW-65 | 10/19/09 | 76.78 | --- | 29.60 | --- | 47.18 |
| GMW-65 | 01/11/10 | 76.78 | --- | 29.80 | --- | 46.98 |
| GMW-65 | 04/12/10 | 76.78 | --- | 28.68 | --- | 48.10 |
| GMW-65 | 01/08/11 | 76.78 | --- | 29.39 | --- | 47.39 |
| GMW-65 | 04/07/11 | 76.78 | --- | 27.98 | --- | 48.80 |
| GMW-65 | 07/07/11 | 76.78 | --- | 28.63 | --- | 48.15 |
| GMW-65 | 10/06/11 | 76.78 | --- | 29.18 | --- | 47.60 |
| GMW-65 | 01/09/12 | 76.78 | --- | 29.43 | --- | 47.35 |
| GMW-65 | 04/12/12 | 76.78 | --- | 30.15 | --- | 46.63 |
| GMW-65 | 04/18/12 | 76.78 | --- | 29.85 | --- | 46.93 |
| GMW-65 | 01/11/13 | 76.78 | --- | 31.08 | --- | 45.70 |
| GMW-65 | 04/03/13 | 76.78 | --- | 31.07 | --- | 45.71 |
| GMW-65 | 04/08/13 | 76.78 | --- | 30.92 | --- | 45.86 |
| GMW-66 | 10/19/09 | 77.00 | --- | 29.73 | --- | 47.27 |
| GMW-66 | 04/12/10 | 77.00 | --- | 29.64 | --- | 47.36 |
| GMW-66 | 04/07/11 | 77.00 | --- | 28.63 | --- | 48.37 |
| GMW-66 | 07/07/11 | 77.00 | --- | 28.96 | --- | 48.04 |
| GMW-66 | 10/06/11 | 77.00 | --- | 29.48 | --- | 47.52 |
| GMW-66 | 04/12/12 | 77.00 | --- | 30.46 | --- | 46.54 |
| GMW-66 | 04/17/12 | 77.00 | --- | 30.11 | --- | 46.89 |
| GMW-66 | 01/10/13 | 77.00 | --- | 31.36 | --- | 45.64 |
| GMW-66 | 04/02/13 | 77.00 | --- | 31.34 | --- | 45.66 |
| GMW-66 | 04/08/13 | 77.00 | --- | 31.25 | --- | 45.75 |
| GW-2 | 04/30/07 | 75.78 | --- | 26.52 | --- | 49.26 |
| GW-2 | 11/12/07 | 75.78 | --- | NM | --- | NC |
| GW-2 | 04/11/08 | 76.39 | --- | 27.39 | --- | 49.00 |
| GW-2 | 07/24/08 | 76.39 | --- | 27.88 | --- | 48.51 |
| GW-2 | 10/13/08 | 76.39 | --- | 28.31 | --- | 48.08 |
| GW-2 | 02/09/09 | 76.39 | --- | 27.61 | --- | 48.78 |
| GW-2 | 01/11/10 | 76.39 | --- | 29.26 | --- | 47.13 |
| GW-2 | 04/07/10 | 76.39 | --- | 29.45 | --- | 46.94 |
| GW-2 | 01/06/11 | 75.78 | --- | 32.45 | --- | 43.33 |
| GW-2 | 04/06/11 | 75.78 | --- | 28.31 | --- | 47.47 |
| GW-2 | 07/07/11 | 75.78 | --- | 28.25 | --- | 47.53 |
| GW-2 | 10/06/11 | 75.78 | --- | 28.47 | --- | 47.31 |
| GW-2 | 04/12/12 | 75.78 | --- | 29.34 | --- | 46.44 |
| GW-2 | 04/19/12 | 75.78 | --- | 28.99 | --- | 46.79 |
| GW-2 | 01/10/13 | 75.78 | --- | 30.42 | --- | 45.36 |
| GW-2 | 04/02/13 | 75.78 | --- | 30.25 | --- | 45.53 |
| GW-2 | 04/08/13 | 75.78 | --- | 30.11 | --- | 45.67 |
| GW-3 | 04/30/07 | 73.86 | --- | 26.65 | --- | 47.21 |
| GW-3 | 11/12/07 | 75.79 | --- | 27.11 | --- | 48.68 |
| GW-3 | 04/11/08 | 76.56 | --- | 27.92 | --- | 48.64 |
| GW-3 | 07/24/08 | 75.79 | --- | 27.79 | --- | 48.00 |
| GW-3 | 10/13/08 | 75.79 | --- | 28.39 | --- | 47.40 |
| GW-3 | 02/09/09 | 75.79 | --- | 27.12 | --- | 48.67 |
| GW-3 | 04/20/09 | 75.79 | --- | 26.30 | --- | 49.49 |
| GW-3 | 10/19/09 | 75.79 | --- | 29.24 | --- | 46.55 |
| GW-3 | 04/07/10 | 76.56 | --- | 55.57 | --- | 20.99 |
| GW-3 | 04/12/10 | 75.79 | --- | 28.84 | --- | 46.95 |
| GW-3 | 10/01/10 | 75.79 | --- | 29.10 | --- | 46.69 |
| GW-3 | 04/06/11 | 75.79 | --- | 28.50 | --- | 47.29 |
| GW-3 | 07/08/11 | 75.79 | --- | 28.36 | --- | 47.43 |
| GW-3 | 10/06/11 | 75.79 | --- | 28.65 | --- | 47.14 |
| GW-3 | 04/12/12 | 75.79 | --- | 29.35 | --- | 46.44 |
| GW-3 | 01/10/13 | 75.79 | --- | 30.49 | --- | 45.30 |

TABLE 6

Summary of Historical Groundwater Elevations of Selected Wells

Defense Fuel Support Point Norwalk, Norwalk California

| Well | Date | Top of Casing Elevation (feet msl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet msl) |
|-----------|----------|------------------------------------|------------------------------|----------------------------|-----------------------------------|----------------------------------|
| GW-3 | 04/02/13 | 75.79 | --- | 30.38 | --- | 45.41 |
| GW-3 | 04/08/13 | 75.79 | --- | 30.26 | --- | 45.53 |
| GW-6 | 04/27/07 | 76.38 | --- | 27.14 | --- | 49.24 |
| GW-6 | 11/12/07 | 77.41 | --- | 27.75 | --- | 49.66 |
| GW-6 | 04/11/08 | 76.38 | --- | 27.52 | --- | 48.86 |
| GW-6 | 07/24/08 | 76.38 | --- | 27.75 | --- | 48.63 |
| GW-6 | 10/13/08 | 76.38 | --- | 28.54 | --- | 47.84 |
| GW-6 | 02/09/09 | 76.38 | --- | 27.38 | --- | 49.00 |
| GW-6 | 04/20/09 | 76.38 | --- | 28.41 | --- | 47.97 |
| GW-6 | 10/19/09 | 76.38 | --- | 29.32 | --- | 47.06 |
| GW-6 | 04/07/10 | 76.38 | --- | 30.21 | --- | 46.17 |
| GW-6 | 04/12/10 | 76.38 | --- | 29.61 | --- | 46.77 |
| GW-6 | 01/06/11 | 76.38 | --- | 29.45 | --- | 46.93 |
| GW-6 | 04/06/11 | 76.38 | --- | 28.35 | --- | 48.03 |
| GW-6 | 07/07/11 | 76.38 | 28.51 | 28.52 | 0.01 | NC |
| GW-6 | 10/06/11 | 76.38 | --- | 28.88 | --- | 47.50 |
| GW-6 | 04/12/12 | 76.38 | --- | 29.88 | --- | 46.50 |
| GW-6 | 04/18/12 | 76.38 | --- | 29.65 | --- | 46.73 |
| GW-6 | 01/10/13 | 76.38 | --- | 31.13 | --- | 45.25 |
| GW-6 | 04/02/13 | 76.38 | --- | 31.03 | --- | 45.35 |
| GW-6 | 04/08/13 | 76.38 | --- | 31.00 | --- | 45.38 |
| GW-13(6") | 11/12/07 | 76.85 | --- | 28.31 | --- | 48.54 |
| GW-13(6") | 07/24/08 | 77.45 | --- | 28.91 | --- | 48.54 |
| GW-13(6") | 10/13/08 | 77.45 | --- | 29.29 | --- | 48.16 |
| GW-13(6") | 02/09/09 | 76.85 | --- | 28.88 | --- | 47.97 |
| GW-13(6") | 04/20/09 | 76.85 | --- | 29.48 | --- | 47.37 |
| GW-13(6") | 10/19/09 | 76.85 | --- | 29.92 | --- | 46.93 |
| GW-13(6") | 04/12/10 | 76.85 | --- | 29.91 | --- | 46.94 |
| GW-13(6") | 01/06/11 | 76.85 | --- | 33.10 | --- | 43.75 |
| GW-13(6") | 04/08/11 | 76.85 | --- | 29.49 | --- | 47.36 |
| GW-13(6") | 07/07/11 | 76.85 | --- | 29.45 | --- | 47.40 |
| GW-13(6") | 10/06/11 | 76.85 | --- | 29.64 | --- | 47.21 |
| GW-13(6") | 04/12/12 | 76.85 | --- | 30.52 | --- | 46.33 |
| GW-13(6") | 04/18/12 | 76.85 | --- | 30.27 | --- | 46.58 |
| GW-13(6") | 01/10/13 | 76.85 | --- | 31.63 | --- | 45.22 |
| GW-13(6") | 04/02/13 | 76.85 | --- | 31.51 | --- | 45.34 |
| GW-13(6") | 04/08/13 | 76.85 | --- | 31.41 | --- | 45.44 |
| GW-14(1") | 01/12/10 | 76.55 | --- | 29.84 | --- | 46.71 |
| GW-14(6") | 11/09/07 | 76.54 | --- | 27.85 | --- | 48.69 |
| GW-14(6") | 04/14/08 | 76.54 | --- | 27.36 | --- | 49.18 |
| GW-14(6") | 07/24/08 | 76.54 | --- | 26.02 | --- | 50.52 |
| GW-14(6") | 10/13/08 | 76.54 | --- | 28.79 | --- | 47.75 |
| GW-14(6") | 02/10/09 | 76.54 | --- | 26.62 | --- | 49.92 |
| GW-14(6") | 04/20/09 | 76.54 | --- | 28.27 | --- | 48.27 |
| GW-14(6") | 10/19/09 | 76.54 | --- | 27.46 | --- | 49.08 |
| GW-14(6") | 04/08/10 | 76.54 | --- | 28.70 | --- | 47.84 |
| GW-14(6") | 04/12/10 | 76.54 | --- | 28.40 | --- | 48.14 |
| GW-14(6") | 01/08/11 | 76.54 | --- | 29.45 | --- | 47.09 |
| GW-14(6") | 04/08/11 | 76.54 | --- | 27.98 | --- | 48.56 |
| GW-14(6") | 07/08/11 | 76.54 | --- | 28.31 | --- | 48.23 |
| GW-14(6") | 10/06/11 | 76.54 | --- | 28.93 | --- | 47.61 |
| GW-14(6") | 04/12/12 | 76.54 | --- | 29.95 | --- | 46.59 |
| GW-14(6") | 04/20/12 | 76.54 | --- | 29.90 | --- | 46.64 |
| GW-14(6") | 01/10/13 | 76.54 | --- | 33.29 | --- | 43.25 |
| GW-14(6") | 04/03/13 | 76.54 | --- | 31.29 | --- | 45.25 |
| GW-14(6") | 04/08/13 | 76.54 | --- | 31.17 | --- | 45.37 |
| GW-15(1") | 07/24/08 | 75.36 | 27.50 | 27.55 | 0.05 | NC |
| GW-15(1") | 10/16/08 | 75.36 | 28.15 | 28.16 | 0.01 | NC |
| GW-15(1") | 02/09/09 | 75.36 | 27.98 | 28.02 | 0.04 | NC |
| GW-15(1") | 07/17/09 | 75.36 | 28.51 | 28.59 | 0.08 | NC |

TABLE 6

Summary of Historical Groundwater Elevations of Selected Wells

Defense Fuel Support Point Norwalk, Norwalk California

| Well | Date | Top of Casing Elevation (feet msl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet msl) |
|-------------|----------|------------------------------------|------------------------------|----------------------------|-----------------------------------|----------------------------------|
| GW-15(1") | 04/08/10 | 75.36 | 27.74 | 29.43 | 1.69 | NC |
| GW-15(6") | 04/11/08 | 74.94 | --- | 26.19 | --- | 48.75 |
| GW-15(6") | 10/19/09 | 74.94 | --- | NM | --- | NC |
| GW-15(6") | 04/12/10 | 74.94 | 27.58 | 29.63 | 2.05 | NC |
| GW-15(6") | 04/08/11 | 74.94 | 26.75 | 26.76 | 0.01 | NC |
| GW-15(6") | 07/07/11 | 74.94 | 27.57 | 27.61 | 0.04 | NC |
| GW-15(6") | 10/06/11 | 74.94 | 28.38 | 28.40 | 0.02 | NC |
| GW-15(6") | 04/12/12 | 74.94 | 29.54 | 29.55 | 0.01 | NC |
| GW-15(6") | 01/11/13 | 74.94 | --- | 30.39 | --- | 44.55 |
| GW-15(6") | 04/03/13 | 74.94 | 29.13 | 35.20 | 6.07 | NC |
| GW-16(1") | 07/17/09 | 76.55 | --- | 28.87 | --- | 47.68 |
| GW-16(1") | 01/12/10 | 76.55 | --- | 29.94 | --- | 46.61 |
| GW-16(1") | 04/07/11 | 76.33 | --- | 28.55 | --- | 47.78 |
| GW-16(6") | 10/19/09 | 76.33 | --- | 29.94 | --- | 46.39 |
| GW-16(6") | 04/12/10 | 76.33 | --- | 28.71 | --- | 47.62 |
| GW-16(6") | 07/07/11 | 76.33 | --- | 28.96 | --- | 47.37 |
| GW-16(6") | 10/06/11 | 76.33 | --- | 29.34 | --- | 46.99 |
| GW-16(6") | 04/12/12 | 76.33 | --- | 30.12 | --- | 46.21 |
| GW-16(6") | 01/11/13 | 76.33 | --- | 31.30 | --- | 45.03 |
| GW-16(6") | 04/03/13 | 76.33 | --- | 31.10 | --- | 45.23 |
| MW-22 (MID) | 03/21/07 | 79.57 | --- | 31.49 | --- | 48.08 |
| MW-22 (MID) | 04/30/07 | 79.57 | --- | 31.33 | --- | 48.24 |
| MW-22 (MID) | 08/28/07 | 79.57 | --- | 31.96 | --- | 47.61 |
| MW-22 (MID) | 11/12/07 | 79.57 | --- | 32.19 | --- | 47.38 |
| MW-22 (MID) | 02/05/08 | 79.57 | --- | 32.51 | --- | 47.06 |
| MW-22 (MID) | 04/11/08 | 79.57 | --- | 31.83 | --- | 47.74 |
| MW-22 (MID) | 10/13/08 | 79.57 | --- | 33.01 | --- | 46.56 |
| MW-22 (MID) | 02/09/09 | 79.57 | --- | 32.96 | --- | 46.61 |
| MW-22 (MID) | 04/20/09 | 79.57 | --- | 32.65 | --- | 46.92 |
| MW-22 (MID) | 07/16/09 | 79.57 | --- | 33.51 | --- | 46.06 |
| MW-22 (MID) | 07/20/09 | 79.57 | --- | 33.96 | --- | 45.61 |
| MW-22 (MID) | 10/19/09 | 79.57 | --- | 33.87 | --- | 45.70 |
| MW-22 (MID) | 01/11/10 | 79.57 | --- | 34.14 | --- | 45.43 |
| MW-22 (MID) | 04/07/10 | 79.57 | --- | 34.02 | --- | 45.55 |
| MW-22 (MID) | 04/12/10 | 79.57 | --- | 33.62 | --- | 45.95 |
| MW-22 (MID) | 01/07/11 | 79.57 | --- | 34.50 | --- | 45.07 |
| MW-22 (MID) | 04/06/11 | 79.57 | --- | 33.39 | --- | 46.18 |
| MW-22 (MID) | 07/08/11 | 79.57 | --- | 33.34 | --- | 46.23 |
| MW-22 (MID) | 10/06/11 | 79.57 | --- | 33.57 | --- | 46.00 |
| MW-22 (MID) | 01/09/12 | 79.57 | --- | 33.72 | --- | 45.85 |
| MW-22 (MID) | 04/12/12 | 79.57 | --- | 34.22 | --- | 45.35 |
| MW-22 (MID) | 04/18/12 | 79.57 | --- | 33.98 | --- | 45.59 |
| MW-22 (MID) | 01/11/13 | 79.57 | --- | 35.48 | --- | 44.09 |
| MW-22 (MID) | 04/03/13 | 79.57 | --- | 35.32 | --- | 44.25 |
| MW-22 (MID) | 04/08/13 | 79.57 | --- | 35.30 | --- | 44.27 |
| MW-26 | 04/30/07 | 77.40 | --- | 28.18 | --- | 49.22 |
| MW-26 | 11/12/07 | 77.40 | --- | 28.75 | --- | 48.65 |
| MW-26 | 04/11/08 | 77.40 | --- | 28.46 | --- | 48.94 |
| MW-26 | 07/24/08 | 77.40 | --- | 29.00 | --- | 48.40 |
| MW-26 | 10/13/08 | 77.40 | --- | 29.42 | --- | 47.98 |
| MW-26 | 02/09/09 | 77.40 | --- | 29.11 | --- | 48.29 |
| MW-26 | 04/20/09 | 77.40 | --- | 29.42 | --- | 47.98 |
| MW-26 | 10/19/09 | 77.40 | --- | 30.00 | --- | 47.40 |
| MW-26 | 04/07/10 | 77.40 | --- | 30.24 | --- | 47.16 |
| MW-26 | 04/12/10 | 77.40 | --- | 29.82 | --- | 47.58 |
| MW-26 | 01/07/11 | 77.40 | --- | 30.77 | --- | 46.63 |
| MW-26 | 04/06/11 | 77.40 | --- | 29.52 | --- | 47.88 |
| MW-26 | 07/08/11 | 77.40 | --- | 29.48 | --- | 47.92 |
| MW-26 | 10/06/11 | 77.40 | --- | 29.88 | --- | 47.52 |
| MW-26 | 04/12/12 | 77.40 | --- | 30.77 | --- | 46.63 |

TABLE 6

Summary of Historical Groundwater Elevations of Selected Wells

Defense Fuel Support Point Norwalk, Norwalk California

| Well | Date | Top of Casing Elevation (feet msl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet msl) |
|-------|----------|------------------------------------|------------------------------|----------------------------|-----------------------------------|----------------------------------|
| MW-26 | 04/17/12 | 77.40 | --- | 30.58 | --- | 46.82 |
| MW-26 | 01/11/13 | 77.40 | --- | 32.17 | --- | 45.23 |
| MW-26 | 04/03/13 | 77.40 | --- | 31.94 | --- | 45.46 |
| MW-26 | 04/08/13 | 77.40 | --- | 31.86 | --- | 45.54 |
| MW-27 | 04/30/07 | 78.46 | --- | 29.17 | --- | 49.29 |
| MW-27 | 11/12/07 | 78.46 | --- | 29.75 | --- | 48.71 |
| MW-27 | 04/11/08 | 78.46 | --- | 29.25 | --- | 49.21 |
| MW-27 | 07/24/08 | 78.46 | --- | 29.96 | --- | 48.50 |
| MW-27 | 10/13/08 | 78.46 | --- | 30.34 | --- | 48.12 |
| MW-27 | 02/09/09 | 78.46 | --- | 30.44 | --- | 48.02 |
| MW-27 | 04/20/09 | 78.46 | --- | 30.27 | --- | 48.19 |
| MW-27 | 10/19/09 | 78.46 | --- | 31.23 | --- | 47.23 |
| MW-27 | 04/07/10 | 78.46 | --- | 30.95 | --- | 47.51 |
| MW-27 | 04/12/10 | 78.46 | --- | 30.79 | --- | 47.67 |
| MW-27 | 01/07/11 | 78.46 | --- | 31.53 | --- | 46.93 |
| MW-27 | 04/06/11 | 78.46 | --- | 29.82 | --- | 48.64 |
| MW-27 | 07/08/11 | 78.46 | --- | 30.03 | --- | 48.43 |
| MW-27 | 10/06/11 | 78.46 | --- | 30.06 | --- | 48.40 |
| MW-27 | 04/12/12 | 78.46 | --- | 31.72 | --- | 46.74 |
| MW-27 | 04/17/12 | 78.46 | --- | 31.49 | --- | 46.97 |
| MW-27 | 01/11/13 | 78.46 | --- | 33.24 | --- | 45.22 |
| MW-27 | 04/03/13 | 78.46 | --- | 33.02 | --- | 45.44 |
| MW-27 | 04/08/13 | 78.46 | --- | 32.98 | --- | 45.48 |
| PZ-3 | 03/21/07 | 76.17 | 26.05 | 26.16 | 0.11 | NC |
| PZ-3 | 04/30/07 | 76.17 | 26.66 | 26.68 | 0.02 | NC |
| PZ-3 | 11/12/07 | 76.17 | --- | NM | --- | NC |
| PZ-3 | 02/05/08 | 76.17 | --- | 27.84 | --- | 48.33 |
| PZ-3 | 07/24/08 | 76.17 | --- | 27.33 | --- | 48.84 |
| PZ-3 | 10/14/08 | 76.17 | --- | 28.07 | --- | 48.10 |
| PZ-3 | 02/10/09 | 76.17 | --- | 27.31 | --- | 48.86 |
| PZ-3 | 04/20/09 | 76.17 | --- | 27.94 | --- | 48.23 |
| PZ-3 | 07/16/09 | 76.17 | --- | 28.97 | --- | 47.20 |
| PZ-3 | 04/08/10 | 76.17 | --- | 28.40 | --- | 47.77 |
| PZ-3 | 04/12/10 | 76.17 | --- | 28.14 | --- | 48.03 |
| PZ-3 | 01/08/11 | 76.17 | --- | 28.85 | --- | 47.32 |
| PZ-3 | 04/08/11 | 76.17 | --- | 27.63 | --- | 48.54 |
| PZ-3 | 07/08/11 | 76.17 | --- | 27.85 | --- | 48.32 |
| PZ-3 | 10/07/11 | 76.17 | --- | 28.46 | --- | 47.71 |
| PZ-3 | 04/12/12 | 76.17 | --- | 29.48 | --- | 46.69 |
| PZ-3 | 04/19/12 | 76.17 | --- | 29.30 | --- | 46.87 |
| PZ-3 | 01/11/13 | 76.17 | 30.20 | 33.08 | 2.88 | NC |
| PZ-3 | 04/03/13 | 76.17 | 30.63 | 30.86 | 0.23 | NC |
| PZ-3 | 04/08/13 | 76.17 | 30.56 | 30.99 | 0.43 | NC |
| PZ-3 | 04/11/13 | 76.17 | 30.58 | 30.97 | 0.39 | 45.20 |
| PZ-3 | 04/15/13 | 76.17 | 30.61 | 31.15 | 0.54 | 45.02 |
| PZ-3 | 04/24/13 | 76.17 | 30.85 | 31.13 | 0.28 | 45.04 |
| PZ-3 | 05/02/13 | 76.17 | 30.85 | 31.07 | 0.22 | 45.10 |
| PZ-3 | 05/07/13 | 76.17 | 30.91 | 31.02 | 0.11 | 45.15 |
| PZ-3 | 05/13/13 | 76.17 | 30.84 | 30.9 | 0.06 | 45.27 |
| PZ-3 | 05/23/13 | 76.17 | 30.91 | 31.11 | 0.20 | 45.06 |
| PZ-3 | 05/29/13 | 76.17 | 30.82 | 30.91 | 0.09 | 45.26 |
| PZ-3 | 06/04/13 | 76.17 | 30.84 | 30.93 | 0.09 | 45.24 |
| PZ-3 | 06/18/13 | 76.17 | 31.00 | 31.31 | 0.31 | 44.86 |
| PZ-3 | 06/28/13 | 76.17 | 30.96 | 31.21 | 0.25 | 44.96 |
| PZ-3 | 07/02/13 | 76.17 | --- | 31.07 | --- | 45.10 |
| PZ-3 | 07/09/13 | 76.17 | --- | 31.14 | --- | 45.03 |
| PZ-3 | 07/16/13 | 76.17 | --- | 31.14 | --- | 45.03 |
| PZ-3 | 07/22/13 | 76.17 | --- | 31.21 | --- | 44.96 |
| PZ-3 | 07/31/13 | 76.17 | --- | 31.25 | --- | 44.92 |

TABLE 6

Summary of Historical Groundwater Elevations of Selected Wells

Defense Fuel Support Point Norwalk, Norwalk California

| Well | Date | Top of Casing Elevation (feet msl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet msl) |
|-------|----------|------------------------------------|------------------------------|----------------------------|-----------------------------------|----------------------------------|
| PZ-3 | 08/07/13 | 76.17 | --- | 31.29 | --- | 44.88 |
| PZ-3 | 08/13/13 | 76.17 | --- | 31.31 | --- | 44.86 |
| PZ-3 | 08/23/13 | 76.17 | 31.30 | 31.73 | 0.43 | 44.44 |
| PZ-3 | 08/27/13 | 76.17 | 31.33 | 31.87 | 0.54 | 44.30 |
| PZ-3 | 09/04/13 | 76.17 | 31.40 | 31.66 | 0.26 | 44.51 |
| PZ-3 | 09/10/13 | 76.17 | --- | 31.51 | --- | 44.66 |
| PZ-3 | 09/17/13 | 76.17 | --- | 31.48 | --- | 44.69 |
| PZ-3 | 09/24/13 | 76.17 | --- | 31.50 | --- | 44.67 |
| PZ-3 | 10/02/13 | 76.17 | --- | 31.45 | --- | 44.72 |
| PZ-3 | 10/09/13 | 76.17 | --- | 31.37 | --- | 44.80 |
| PZ-3 | 10/15/13 | 76.17 | --- | 31.36 | --- | 44.81 |
| PZ-3 | 10/22/13 | 76.17 | --- | 31.45 | --- | 44.72 |
| PZ-3 | 10/29/13 | 76.17 | --- | 31.56 | --- | 44.61 |
| PZ-3 | 11/04/13 | 76.17 | --- | 31.55 | --- | 44.62 |
| PZ-3 | 11/12/13 | 76.17 | 31.57 | 31.64 | 0.07 | 44.53 |
| PZ-3 | 11/19/13 | 76.17 | 31.55 | 31.65 | 0.10 | 44.52 |
| PZ-3 | 11/25/13 | 76.17 | 31.61 | 31.77 | 0.16 | 44.40 |
| PZ-3 | 12/02/13 | 76.17 | 31.52 | 31.66 | 0.14 | 44.51 |
| PZ-3 | 12/10/13 | 76.17 | --- | 31.59 | --- | 44.58 |
| PZ-3 | 12/17/13 | 76.17 | --- | 31.63 | --- | 44.54 |
| PZ-3 | 12/24/13 | 76.17 | --- | 31.67 | --- | 44.50 |
| PZ-3 | 12/31/13 | 76.17 | --- | 31.75 | --- | 44.42 |
| PZ-3 | 01/07/14 | 76.17 | --- | 31.77 | --- | 44.40 |
| PZ-3 | 01/14/14 | 76.17 | --- | 31.8 | --- | 44.37 |
| PZ-3 | 01/21/14 | 76.17 | --- | 31.83 | --- | 44.34 |
| PZ-3 | 01/27/14 | 76.17 | --- | 31.89 | --- | 44.28 |
| PZ-3 | 02/03/14 | 76.17 | --- | 31.97 | --- | 44.20 |
| PZ-3 | 02/12/14 | 76.17 | --- | 32.03 | --- | 44.14 |
| PZ-3 | 02/21/14 | 76.17 | --- | 32.13 | --- | 44.04 |
| PZ-3 | 02/26/14 | 76.17 | --- | 32.18 | --- | 43.99 |
| PZ-3 | 03/03/14 | 76.17 | --- | 32.18 | --- | 43.99 |
| PZ-3 | 03/11/14 | 76.17 | --- | 32.2 | --- | 43.97 |
| PZ-3 | 03/17/14 | 76.17 | --- | 32.16 | --- | 44.01 |
| PZ-3 | 03/26/14 | 76.17 | --- | 32.22 | --- | 43.95 |
| PZ-3 | 03/31/14 | 76.17 | --- | 32.22 | --- | 43.95 |
| TF-8 | 03/21/07 | 74.86 | --- | 25.52 | --- | 49.34 |
| TF-8 | 04/30/07 | 74.86 | --- | 25.54 | --- | 49.32 |
| TF-8 | 08/28/07 | 75.60 | --- | 25.92 | --- | 49.68 |
| TF-8 | 11/12/07 | 74.86 | --- | 26.12 | --- | 48.74 |
| TF-8 | 02/05/08 | 75.60 | --- | 26.69 | --- | 48.91 |
| TF-8 | 04/11/08 | 74.86 | --- | 25.78 | --- | 49.08 |
| TF-8 | 07/16/08 | 75.60 | --- | 28.42 | --- | 47.18 |
| TF-8 | 07/24/08 | 75.60 | --- | 27.05 | --- | 48.55 |
| TF-8 | 10/14/08 | 75.60 | --- | 27.84 | --- | 47.76 |
| TF-8 | 02/10/09 | 75.60 | --- | 27.69 | --- | 47.91 |
| TF-8 | 04/08/10 | 75.60 | --- | 28.30 | --- | 47.30 |
| TF-8 | 10/01/10 | 74.86 | --- | 27.81 | --- | 47.05 |
| TF-8 | 01/07/11 | 74.86 | --- | 27.90 | --- | 46.96 |
| TF-8 | 04/08/11 | 74.86 | --- | 26.52 | --- | 48.34 |
| TF-8 | 07/08/11 | 74.86 | --- | 26.66 | --- | 48.20 |
| TF-8 | 10/07/11 | 74.86 | --- | 27.18 | --- | 47.68 |
| TF-8 | 04/12/12 | 74.86 | --- | 28.14 | --- | 46.72 |
| TF-8 | 01/11/13 | 74.86 | --- | 29.56 | --- | 45.30 |
| TF-8 | 04/03/13 | 74.86 | --- | 29.35 | --- | 45.51 |
| TF-18 | 03/21/07 | 73.94 | 23.91 | 24.02 | 0.11 | NC |
| TF-18 | 04/30/07 | 73.94 | 24.30 | 24.35 | 0.05 | NC |
| TF-18 | 11/09/07 | 73.94 | --- | 24.85 | --- | 49.09 |
| TF-18 | 02/05/08 | 73.94 | --- | 25.49 | --- | 48.45 |
| TF-18 | 07/24/08 | 73.94 | --- | 24.97 | --- | 48.97 |

TABLE 6

Summary of Historical Groundwater Elevations of Selected Wells

Defense Fuel Support Point Norwalk, Norwalk California

| Well | Date | Top of Casing Elevation (feet msl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet msl) |
|-------|----------|------------------------------------|------------------------------|----------------------------|-----------------------------------|----------------------------------|
| TF-18 | 10/14/08 | 73.94 | --- | 25.62 | --- | 48.32 |
| TF-18 | 02/10/09 | 73.94 | --- | 25.88 | --- | 48.06 |
| TF-18 | 07/16/09 | 73.94 | --- | 26.42 | --- | 47.52 |
| TF-18 | 04/08/10 | 73.94 | 25.70 | 25.73 | 0.03 | NC |
| TF-18 | 10/01/10 | 73.94 | --- | 26.35 | --- | 47.59 |
| TF-18 | 01/08/11 | 73.94 | 26.65 | 26.86 | 0.21 | NC |
| TF-18 | 04/07/11 | 73.94 | 24.95 | 25.11 | 0.16 | NC |
| TF-18 | 07/08/11 | 73.94 | 25.30 | 25.40 | 0.10 | NC |
| TF-18 | 10/06/11 | 73.94 | 25.95 | 25.97 | 0.02 | NC |
| TF-18 | 04/12/12 | 73.94 | --- | 27.30 | --- | 46.64 |
| TF-18 | 01/10/13 | 73.94 | 27.85 | 30.25 | 2.40 | NC |
| TF-18 | 04/03/13 | 73.94 | 28.04 | 28.80 | 0.76 | NC |
| TF-18 | 04/11/13 | 73.94 | 27.85 | 29.87 | 2.02 | 44.07 |
| TF-18 | 04/15/13 | 73.94 | 28.00 | 29.98 | 1.98 | 43.96 |
| TF-18 | 04/24/13 | 73.94 | 28.23 | 30.25 | 2.02 | 43.69 |
| TF-18 | 04/29/13 | 73.94 | 28.08 | 30.05 | 1.97 | 43.89 |
| TF-18 | 05/07/13 | 73.94 | 28.13 | 30.05 | 1.92 | 43.89 |
| TF-18 | 05/13/13 | 73.94 | 28.14 | 29.93 | 1.79 | 44.01 |
| TF-18 | 05/23/13 | 73.94 | 28.20 | 30.08 | 1.88 | 43.86 |
| TF-18 | 05/28/13 | 73.94 | 28.01 | 29.27 | 1.26 | 44.67 |
| TF-18 | 06/04/13 | 73.94 | 28.08 | 30.12 | 2.04 | 43.82 |
| TF-18 | 06/12/13 | 73.94 | 28.29 | 30.04 | 1.75 | 43.90 |
| TF-18 | 06/18/13 | 73.94 | 28.40 | 30.25 | 1.85 | 43.69 |
| TF-18 | 06/28/13 | 73.94 | 28.41 | 30.01 | 1.60 | 43.93 |
| TF-18 | 07/02/13 | 73.94 | 28.33 | 30.13 | 1.80 | 43.81 |
| TF-18 | 07/08/13 | 73.94 | 28.46 | 30.09 | 1.63 | 43.85 |
| TF-18 | 07/16/13 | 73.94 | 28.55 | 30.13 | 1.58 | 43.81 |
| TF-18 | 07/22/13 | 73.94 | 28.56 | 30.12 | 1.56 | 43.82 |
| TF-18 | 07/31/13 | 73.94 | 28.58 | 30.16 | 1.58 | 43.78 |
| TF-18 | 08/05/13 | 73.94 | 28.58 | 30.11 | 1.53 | 43.83 |
| TF-18 | 08/13/13 | 73.94 | 28.63 | 30.24 | 1.61 | 43.70 |
| TF-18 | 08/19/13 | 73.94 | 28.69 | 30.30 | 1.61 | 43.64 |
| TF-18 | 08/27/13 | 73.94 | 28.74 | 30.36 | 1.62 | 43.58 |
| TF-18 | 09/03/13 | 73.94 | 28.70 | 30.37 | 1.67 | 43.57 |
| TF-18 | 09/10/13 | 73.94 | 28.77 | 30.45 | 1.68 | 43.49 |
| TF-18 | 09/16/13 | 73.94 | 28.07 | 30.41 | 2.34 | 43.53 |
| TF-18 | 09/24/13 | 73.94 | 28.80 | 30.47 | 1.67 | 43.47 |
| TF-18 | 09/30/13 | 73.94 | 28.68 | 29.47 | 0.79 | 44.47 |
| TF-18 | 10/09/13 | 73.94 | 28.61 | 30.03 | 1.42 | 43.91 |
| TF-18 | 10/15/13 | 73.94 | 28.65 | 30.26 | 1.61 | 43.68 |
| TF-18 | 10/22/13 | 73.94 | 31.24 | 32.00 | 0.76 | 41.94 |
| TF-18 | 10/29/13 | 73.94 | 28.81 | 30.63 | 1.82 | 43.31 |
| TF-18 | 11/04/13 | 73.94 | 28.79 | 30.70 | 1.91 | 43.24 |
| TF-18 | 11/12/13 | 73.94 | 28.86 | 30.59 | 1.73 | 43.35 |
| TF-18 | 11/18/13 | 73.94 | 28.90 | 30.48 | 1.58 | 43.46 |
| TF-18 | 11/25/13 | 73.94 | 28.90 | 30.55 | 1.65 | 43.39 |
| TF-18 | 12/02/13 | 73.94 | 28.84 | 30.34 | 1.50 | 43.60 |
| TF-18 | 12/10/13 | 73.94 | 28.83 | 30.26 | 1.43 | 43.68 |
| TF-18 | 12/16/13 | 73.94 | 28.85 | 30.51 | 1.66 | 43.43 |
| TF-18 | 12/24/13 | 73.94 | 28.94 | 30.65 | 1.71 | 43.29 |
| TF-18 | 12/30/13 | 73.94 | 29.00 | 30.69 | 1.69 | 43.25 |
| TF-18 | 01/07/14 | 73.94 | 29.05 | 30.78 | 1.73 | 43.16 |
| TF-18 | 01/14/14 | 73.94 | 29.04 | 30.74 | 1.70 | 43.20 |
| TF-18 | 01/21/14 | 73.94 | 29.16 | 30.74 | 1.58 | 43.20 |
| TF-18 | 01/27/14 | 73.94 | 29.07 | 31.03 | 1.96 | 42.91 |
| TF-18 | 02/03/14 | 73.94 | 29.27 | 31.05 | 1.78 | 42.89 |
| TF-18 | 02/12/14 | 73.94 | 29.26 | 31.11 | 1.85 | 42.83 |
| TF-18 | 02/18/14 | 73.94 | 29.29 | 31.20 | 1.91 | 42.74 |
| TF-18 | 02/26/14 | 73.94 | 29.37 | 31.20 | 1.83 | 42.74 |
| TF-18 | 03/03/14 | 73.94 | 29.36 | 31.18 | 1.82 | 42.76 |

TABLE 6

Summary of Historical Groundwater Elevations of Selected Wells

Defense Fuel Support Point Norwalk, Norwalk California

| Well | Date | Top of Casing Elevation (feet msl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet msl) |
|-------|----------|------------------------------------|------------------------------|----------------------------|-----------------------------------|----------------------------------|
| TF-18 | 03/11/14 | 73.94 | 29.35 | 31.20 | 1.85 | 42.74 |
| TF-18 | 03/17/14 | 73.94 | 29.31 | 30.97 | 1.66 | 42.97 |
| TF-18 | 03/26/14 | 73.94 | 29.43 | 31.13 | 1.70 | 42.81 |
| TF-18 | 2/31/14 | 73.94 | 29.38 | 29.77 | 0.39 | 44.17 |
| TF-21 | 03/21/07 | 75.60 | --- | 25.51 | --- | 50.09 |
| TF-21 | 04/30/07 | 75.60 | --- | 25.72 | --- | 49.88 |
| TF-21 | 08/28/07 | 75.60 | --- | 26.17 | --- | 49.43 |
| TF-21 | 11/12/07 | 74.76 | --- | 26.35 | --- | 48.41 |
| TF-21 | 02/05/08 | 75.60 | --- | 27.25 | --- | 48.35 |
| TF-21 | 04/14/08 | 75.60 | --- | 25.93 | --- | 49.67 |
| TF-21 | 07/24/08 | 74.96 | --- | 26.51 | --- | 48.45 |
| TF-21 | 10/13/08 | 74.96 | --- | 27.10 | --- | 47.86 |
| TF-21 | 02/10/09 | 75.60 | --- | 26.72 | --- | 48.88 |
| TF-21 | 04/20/09 | 74.96 | --- | 21.85 | --- | 53.11 |
| TF-21 | 07/17/09 | 75.60 | --- | 27.31 | --- | 48.29 |
| TF-21 | 10/19/09 | 74.96 | --- | 29.84 | --- | 45.12 |
| TF-21 | 04/08/10 | 75.60 | --- | 27.30 | --- | 48.30 |
| TF-21 | 04/12/10 | 74.96 | --- | 27.00 | --- | 47.96 |
| TF-21 | 10/01/10 | 74.96 | --- | NM | --- | NC |
| TF-21 | 01/08/11 | 74.96 | --- | 27.89 | --- | 47.07 |
| TF-21 | 04/08/11 | 74.96 | --- | 26.09 | --- | 48.87 |
| TF-21 | 07/08/11 | 74.96 | --- | 26.59 | --- | 48.37 |
| TF-21 | 10/06/11 | 74.96 | --- | 27.23 | --- | 47.73 |
| TF-21 | 04/12/12 | 74.96 | --- | 28.16 | --- | 46.80 |
| TF-21 | 04/20/12 | 74.96 | --- | 28.14 | --- | 46.82 |
| TF-21 | 01/11/13 | 74.96 | --- | 29.63 | --- | 45.33 |
| TF-21 | 04/03/13 | 74.96 | --- | 29.43 | --- | 45.53 |
| TF-21 | 04/08/13 | 74.96 | --- | 29.90 | --- | 45.06 |
| TF-23 | 03/21/07 | 75.31 | --- | 25.51 | --- | 49.80 |
| TF-23 | 04/30/07 | 75.31 | --- | 25.67 | --- | 49.64 |
| TF-23 | 11/12/07 | 75.31 | --- | 26.20 | --- | 49.11 |
| TF-23 | 02/05/08 | 75.31 | --- | 26.75 | --- | 48.56 |
| TF-23 | 04/14/08 | 75.31 | --- | 25.81 | --- | 49.50 |
| TF-23 | 07/24/08 | 75.31 | --- | 26.45 | --- | 48.86 |
| TF-23 | 10/13/08 | 75.31 | --- | 27.15 | --- | 48.16 |
| TF-23 | 02/10/09 | 75.31 | --- | 26.46 | --- | 48.85 |
| TF-23 | 07/17/09 | 75.31 | --- | 26.93 | --- | 48.38 |
| TF-23 | 04/08/10 | 75.31 | --- | 27.20 | --- | 48.11 |
| TF-23 | 10/01/10 | 75.31 | --- | 27.67 | --- | 47.64 |
| TF-23 | 01/08/11 | 75.31 | --- | 27.88 | --- | 47.43 |
| TF-23 | 04/08/11 | 75.31 | --- | 26.43 | --- | 48.88 |
| TF-23 | 07/08/11 | 75.31 | --- | 26.76 | --- | 48.55 |
| TF-23 | 10/06/11 | 75.31 | --- | 27.34 | --- | 47.97 |
| TF-23 | 04/12/12 | 75.31 | 28.38 | 28.41 | 0.03 | NC |
| TF-23 | 01/11/13 | 75.31 | --- | 29.67 | --- | 45.64 |
| TF-23 | 04/03/13 | 75.31 | 29.60 | 29.70 | 0.10 | NC |
| TF-24 | 03/21/07 | 76.43 | 25.88 | 26.52 | 0.64 | NC |
| TF-24 | 11/12/07 | 76.43 | --- | 28.03 | --- | 48.40 |
| TF-24 | 04/11/08 | 76.43 | --- | 27.80 | --- | 48.63 |
| TF-24 | 07/24/08 | 76.43 | --- | 28.10 | --- | 48.33 |
| TF-24 | 10/13/08 | 76.43 | --- | 28.90 | --- | 47.53 |
| TF-24 | 02/09/09 | 76.43 | --- | 29.90 | --- | 46.53 |
| TF-24 | 07/16/09 | 76.43 | --- | 29.11 | --- | 47.32 |
| TF-24 | 04/07/10 | 76.43 | --- | 29.20 | --- | 47.23 |
| TF-24 | 10/01/10 | 76.43 | --- | 29.45 | --- | 46.98 |
| TF-24 | 01/08/11 | 76.43 | --- | 29.45 | --- | 46.98 |
| TF-24 | 04/08/11 | 76.43 | --- | 28.23 | --- | 48.20 |
| TF-24 | 07/07/11 | 76.43 | --- | 28.47 | --- | 47.96 |
| TF-24 | 10/07/11 | 76.43 | --- | 28.98 | --- | 47.45 |
| TF-24 | 04/12/12 | 76.43 | --- | 29.98 | --- | 46.45 |

TABLE 6**Summary of Historical Groundwater Elevations of Selected Wells***Defense Fuel Support Point Norwalk, Norwalk California*

| Well | Date | Top of Casing Elevation (feet msl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet msl) |
|-------------|-------------|---|---|---|--|---|
| TF-24 | 01/10/13 | 76.43 | --- | 31.13 | --- | 45.30 |
| TF-24 | 04/02/13 | 76.43 | --- | 31.11 | --- | 45.32 |

Notes:

--- = not detected or applicable

feet btoc = feet below top of casing

feet msl = feet above mean sea level, based on Los Angeles County Datum, 1980

NM = not measured

NC = not calculated due to presence of product in well

FIGURES

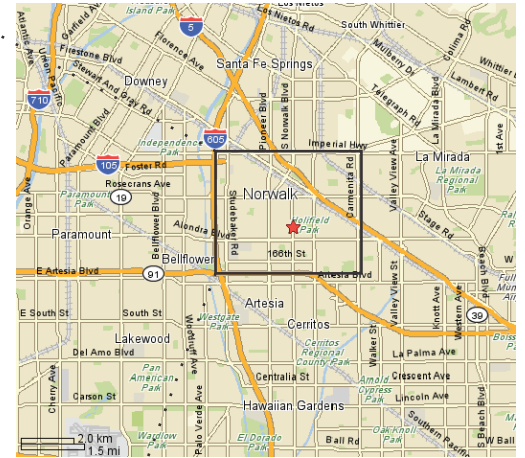
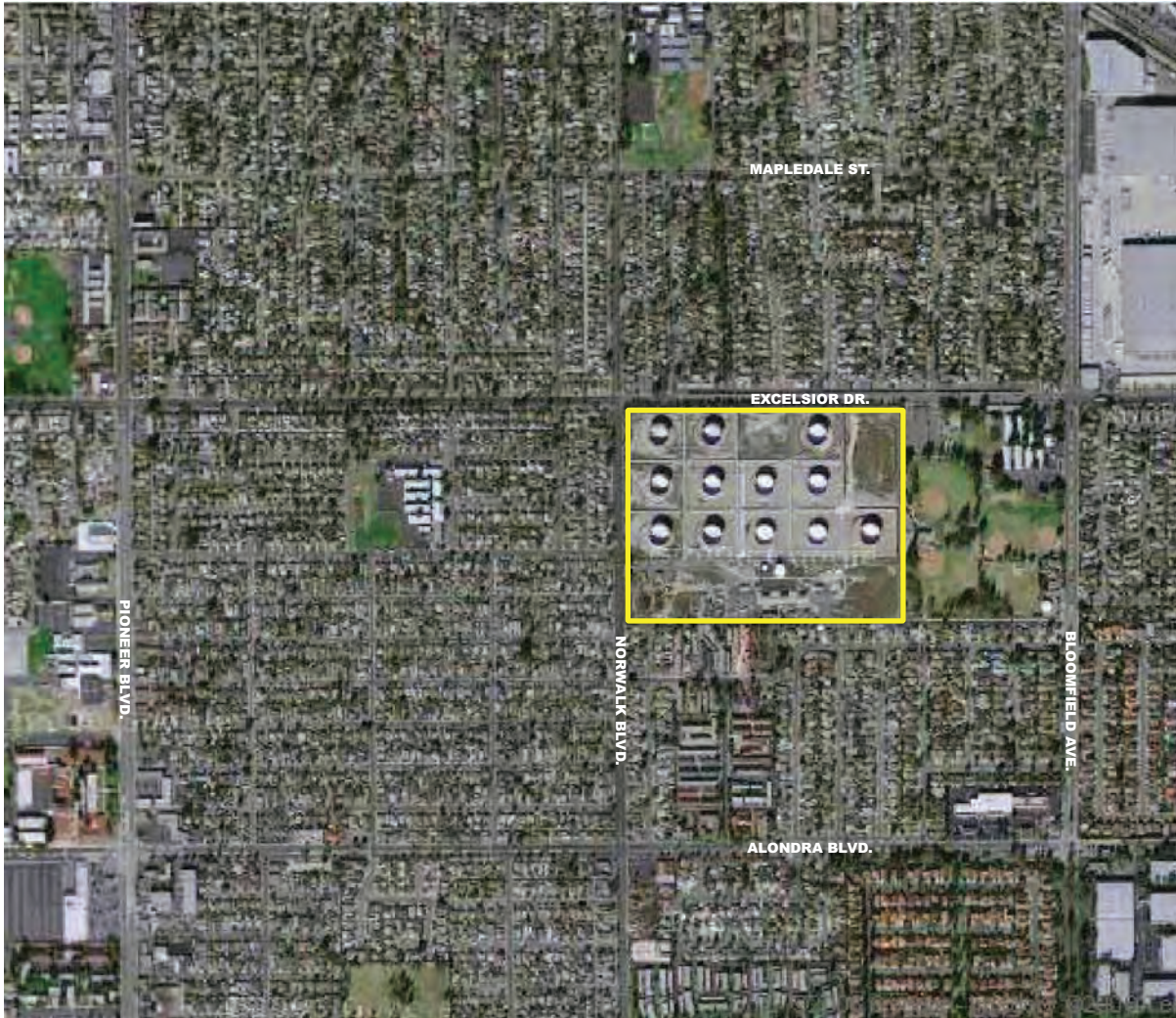


FIGURE 1

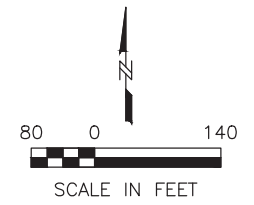
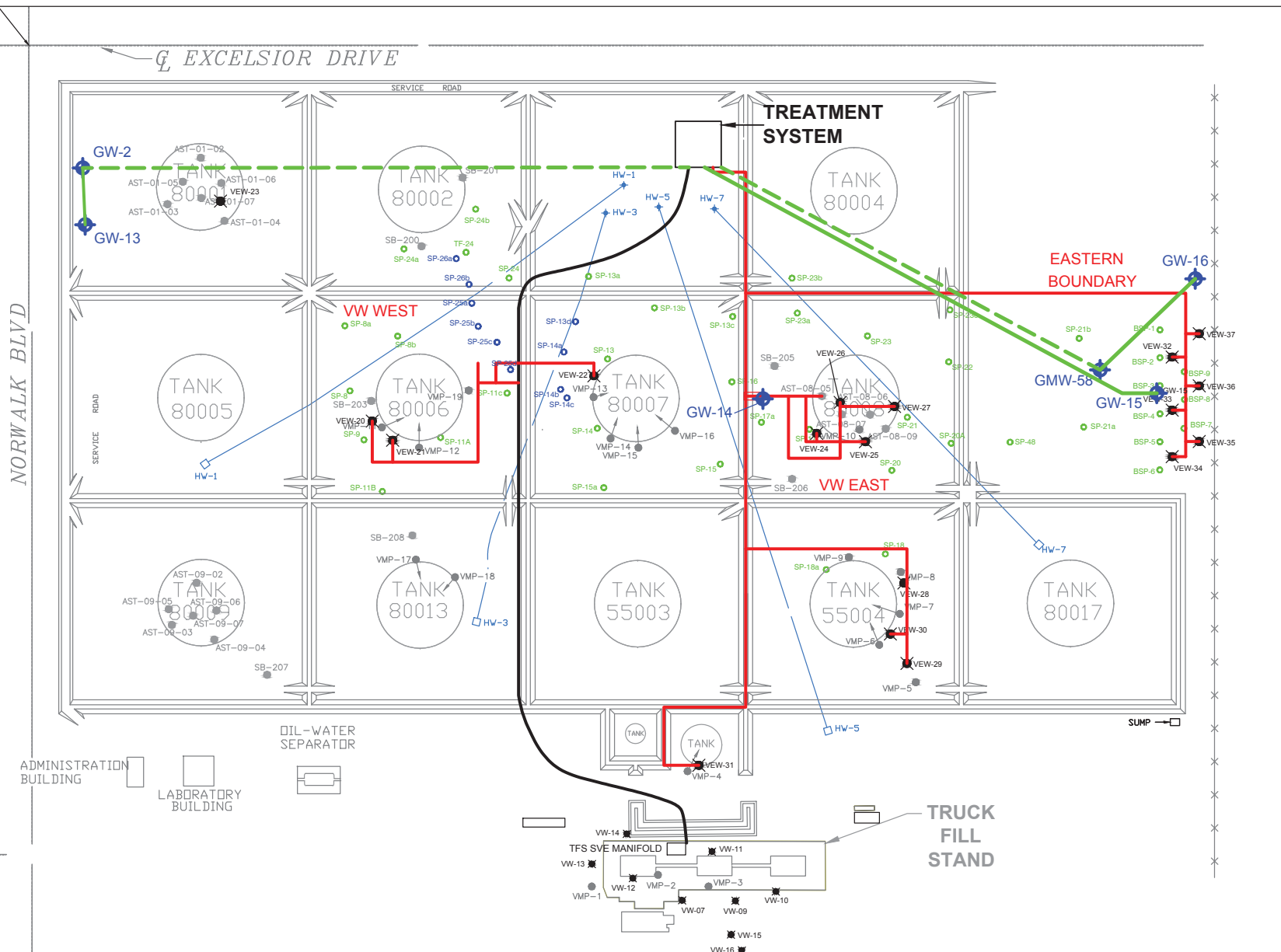
**SITE
LOCATION MAP**

**DEFENSE FUEL SUPPORT POINT
NORWALK, CALIFORNIA**

PARSONS

Pasadena, California

k:\depts\dept48\desc-07-2008 contract\norwalk\ACO-0001\remediation_system_layout.dwg



- LEGEND**
- VEW-20 VAPOR EXTRACTION WELL
 - GW-13 GROUNDWATER EXTRACTION WELL
 - BSP-1 BIOSPARGE POINTS
 - SP-26a SPARGE POINTS INSTALLED IN AUGUST 2004
 - SP-8a TOTAL FLUIDS AND SPARGE POINTS
 - TFS SVE HDPE PIPING
 - TANK FARM SVE PVC PIPING
 - GROUNDWATER EXTRACTION SYSTEM PIPING
 - HORIZONTAL SVE PIPING

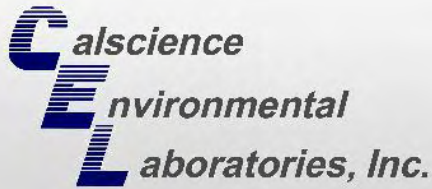


**ABOVE GROUND STORAGE TANKS
DEFENSE FUEL SUPPLY POINT
NORWALK, CALIFORNIA**

**FIGURE 2
REMEDIATION SYSTEM LAYOUT**

APPENDIX A

Laboratory Analytical Reports



CALSCIENCE

WORK ORDER NUMBER: 14-03-1603

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Parsons Government Services, Inc.

Client Project Name: DFSP - Norwalk

Attention: Mary Lucas
100 West Walnut Street
Pasadena, CA 91124-0002

Approved for release on 03/31/2014 by:
Ranjit Clarke
Project Manager

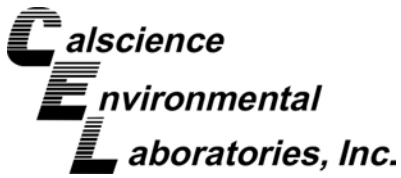
ResultLink ▶

Email your PM ▶



Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.





Contents

Client Project Name: DFSP - Norwalk
Work Order Number: 14-03-1603

| | | |
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| 1 | Work Order Narrative. | 3 |
| 2 | Sample Summary. | 4 |
| 3 | Client Sample Data. | 5 |
| | 3.1 EPA 8260B (M) BTEX + Oxygenates + Ethanol + LDC (Air). | 5 |
| | 3.2 EPA TO-15 (M) Full List + Oxygenates (Air). | 10 |
| | 3.3 EPA TO-3 (M) VOCs As Hexane (Air). | 20 |
| 4 | Quality Control Sample Data. | 21 |
| | 4.1 Sample Duplicate. | 21 |
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Work Order Narrative

Work Order: 14-03-1603

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Condition Upon Receipt:

Samples were received under Chain of Custody (COC) on 03/21/14. They were assigned to Work Order 14-03-1603.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of ≤ 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

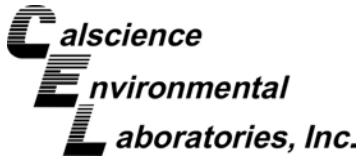
Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

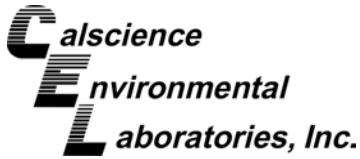


Sample Summary

| | |
|--|---|
| Client: Parsons Government Services, Inc. 100 West Walnut Street Pasadena, CA 91124-0002 | Work Order: 14-03-1603 Project Name: DFSP - Norwalk PO Number: Date/Time Received: 03/21/14 17:47 Number of Containers: 4 |
|--|---|

Attn: Mary Lucas

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|-----------------------|--------------|--------------------------|----------------------|--------|
| Effluent | 14-03-1603-1 | 03/21/14 15:28 | 1 | Air |
| After GAC-2 | 14-03-1603-2 | 03/21/14 15:26 | 1 | Air |
| After GAC-1 | 14-03-1603-3 | 03/21/14 15:24 | 1 | Air |
| Influent | 14-03-1603-4 | 03/21/14 15:24 | 1 | Air |



Analytical Report

Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 03/21/14
Work Order: 14-03-1603
Preparation: N/A
Method: EPA 8260B (M)
Units: ppb (v/v)

Project: DFSP - Norwalk

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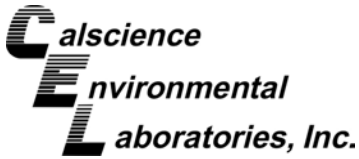
| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|--------|------------|---------------|--------------------|-------------|
| Effluent | 14-03-1603-1-A | 03/21/14 15:28 | Air | GC/MS KKK | N/A | 03/22/14 19:28 | 140322L04 |

| Parameter | Result | RL | DF | Qualifiers |
|-------------------------------|--------|-----|------|------------|
| Benzene | ND | 5.0 | 1.00 | |
| Toluene | ND | 5.0 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 1.00 | |
| o-Xylene | ND | 5.0 | 1.00 | |
| p/m-Xylene | ND | 10 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 10 | 1.00 | |
| Tert-Butyl Alcohol (TBA) | ND | 10 | 1.00 | |
| Diisopropyl Ether (DIPE) | ND | 10 | 1.00 | |
| Ethyl-t-Butyl Ether (ETBE) | ND | 10 | 1.00 | |
| Tert-Amyl-Methyl Ether (TAME) | ND | 10 | 1.00 | |
| Ethanol | ND | 50 | 1.00 | |
| 1,1-Difluoroethane | ND | 2.0 | 1.00 | |
| Isopropanol | ND | 5.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------|----------|----------------|------------|
| 1,4-Bromofluorobenzene | 102 | 47-156 | |
| 1,2-Dichloroethane-d4 | 103 | 47-156 | |
| Toluene-d8 | 100 | 47-156 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Analytical Report

Parsons Government Services, Inc.
 100 West Walnut Street
 Pasadena, CA 91124-0002

Date Received: 03/21/14
 Work Order: 14-03-1603
 Preparation: N/A
 Method: EPA 8260B (M)
 Units: ppb (v/v)

Project: DFSP - Norwalk

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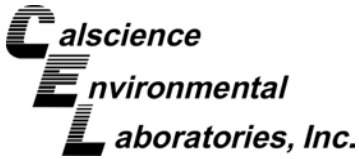
| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|--------|------------|---------------|--------------------|-------------|
| After GAC-2 | 14-03-1603-2-A | 03/21/14 15:26 | Air | GC/MS KKK | N/A | 03/22/14 20:18 | 140322L04 |

| Parameter | Result | RL | DF | Qualifiers |
|-------------------------------|--------|-----|------|------------|
| Benzene | ND | 5.0 | 1.00 | |
| Toluene | ND | 5.0 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 1.00 | |
| o-Xylene | ND | 5.0 | 1.00 | |
| p/m-Xylene | ND | 10 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 10 | 1.00 | |
| Tert-Butyl Alcohol (TBA) | ND | 10 | 1.00 | |
| Diisopropyl Ether (DIPE) | ND | 10 | 1.00 | |
| Ethyl-t-Butyl Ether (ETBE) | ND | 10 | 1.00 | |
| Tert-Amyl-Methyl Ether (TAME) | ND | 10 | 1.00 | |
| Ethanol | ND | 50 | 1.00 | |
| 1,1-Difluoroethane | ND | 2.0 | 1.00 | |
| Isopropanol | ND | 5.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------|----------|----------------|------------|
| 1,4-Bromofluorobenzene | 101 | 47-156 | |
| 1,2-Dichloroethane-d4 | 104 | 47-156 | |
| Toluene-d8 | 102 | 47-156 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Analytical Report

Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 03/21/14
Work Order: 14-03-1603
Preparation: N/A
Method: EPA 8260B (M)
Units: ppb (v/v)

Project: DFSP - Norwalk

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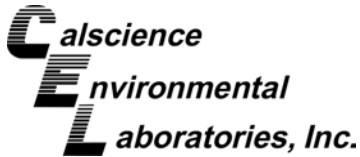
| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|--------|------------|---------------|--------------------|-------------|
| After GAC-1 | 14-03-1603-3-A | 03/21/14 15:24 | Air | GC/MS KKK | N/A | 03/22/14 21:13 | 140322L04 |

| Parameter | Result | RL | DF | Qualifiers |
|-------------------------------|--------|-----|------|------------|
| Benzene | ND | 5.0 | 1.00 | |
| Toluene | ND | 5.0 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 1.00 | |
| o-Xylene | ND | 5.0 | 1.00 | |
| p/m-Xylene | ND | 10 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 10 | 1.00 | |
| Tert-Butyl Alcohol (TBA) | ND | 10 | 1.00 | |
| Diisopropyl Ether (DIPE) | ND | 10 | 1.00 | |
| Ethyl-t-Butyl Ether (ETBE) | ND | 10 | 1.00 | |
| Tert-Amyl-Methyl Ether (TAME) | ND | 10 | 1.00 | |
| Ethanol | ND | 50 | 1.00 | |
| 1,1-Difluoroethane | ND | 2.0 | 1.00 | |
| Isopropanol | ND | 5.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------|----------|----------------|------------|
| 1,4-Bromofluorobenzene | 102 | 47-156 | |
| 1,2-Dichloroethane-d4 | 104 | 47-156 | |
| Toluene-d8 | 99 | 47-156 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Analytical Report

Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 03/21/14
Work Order: 14-03-1603
Preparation: N/A
Method: EPA 8260B (M)
Units: ppb (v/v)

Project: DFSP - Norwalk

Page 4 of 5

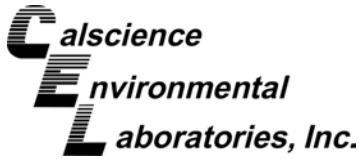
| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|--------|------------|---------------|--------------------|-------------|
| Influent | 14-03-1603-4-A | 03/21/14 15:24 | Air | GC/MS KKK | N/A | 03/22/14 22:12 | 140322L04 |

| Parameter | Result | RL | DF | Qualifiers |
|-------------------------------|--------|-----|------|------------|
| Benzene | ND | 5.0 | 1.00 | |
| Toluene | ND | 5.0 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 1.00 | |
| o-Xylene | ND | 5.0 | 1.00 | |
| p/m-Xylene | ND | 10 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 10 | 1.00 | |
| Tert-Butyl Alcohol (TBA) | ND | 10 | 1.00 | |
| Diisopropyl Ether (DIPE) | ND | 10 | 1.00 | |
| Ethyl-t-Butyl Ether (ETBE) | ND | 10 | 1.00 | |
| Tert-Amyl-Methyl Ether (TAME) | ND | 10 | 1.00 | |
| Ethanol | ND | 50 | 1.00 | |
| 1,1-Difluoroethane | ND | 2.0 | 1.00 | |
| Isopropanol | ND | 5.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------|----------|----------------|------------|
| 1,4-Bromofluorobenzene | 107 | 47-156 | |
| 1,2-Dichloroethane-d4 | 104 | 47-156 | |
| Toluene-d8 | 98 | 47-156 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Analytical Report

Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 03/21/14
Work Order: 14-03-1603
Preparation: N/A
Method: EPA 8260B (M)
Units: ppb (v/v)

Project: DFSP - Norwalk

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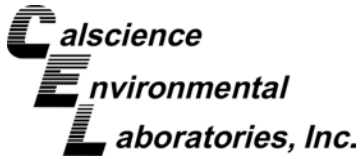
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|----------------------|-------------------|---------------------|--------|------------|---------------|--------------------|-------------|
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| Parameter | Result | RL | DF | Qualifiers |
|-------------------------------|--------|-----|------|------------|
| Benzene | ND | 5.0 | 1.00 | |
| Toluene | ND | 5.0 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 1.00 | |
| o-Xylene | ND | 5.0 | 1.00 | |
| p/m-Xylene | ND | 10 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 10 | 1.00 | |
| Tert-Butyl Alcohol (TBA) | ND | 10 | 1.00 | |
| Diisopropyl Ether (DIPE) | ND | 10 | 1.00 | |
| Ethyl-t-Butyl Ether (ETBE) | ND | 10 | 1.00 | |
| Tert-Amyl-Methyl Ether (TAME) | ND | 10 | 1.00 | |
| Ethanol | ND | 50 | 1.00 | |
| 1,1-Difluoroethane | ND | 2.0 | 1.00 | |
| Isopropanol | ND | 5.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------|----------|----------------|------------|
| 1,4-Bromofluorobenzene | 102 | 47-156 | |
| 1,2-Dichloroethane-d4 | 102 | 47-156 | |
| Toluene-d8 | 100 | 47-156 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Analytical Report

Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 03/21/14
Work Order: 14-03-1603
Preparation: N/A
Method: EPA TO-15M
Units: ppb (v/v)

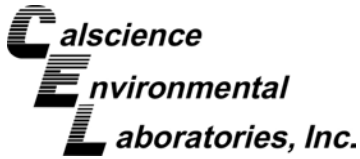
Project: DFSP - Norwalk

Page 1 of 10

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|--------|------------|---------------|--------------------|-------------|
| Effluent | 14-03-1603-1-A | 03/21/14 15:28 | Air | GC/MS KKK | N/A | 03/22/14 19:28 | 140322L02 |

| Parameter | Result | RL | DF | Qualifiers |
|---------------------------|--------|------|------|------------|
| Acetone | ND | 50 | 1.00 | |
| Benzyl Chloride | ND | 1.5 | 1.00 | |
| Bromodichloromethane | ND | 0.50 | 1.00 | |
| Bromoform | ND | 0.50 | 1.00 | |
| Bromomethane | ND | 0.50 | 1.00 | |
| 2-Butanone | 3.1 | 1.5 | 1.00 | |
| Carbon Disulfide | ND | 10 | 1.00 | |
| Carbon Tetrachloride | ND | 0.50 | 1.00 | |
| Chlorobenzene | ND | 0.50 | 1.00 | |
| Chloroethane | ND | 0.50 | 1.00 | |
| Chloroform | ND | 0.50 | 1.00 | |
| Chloromethane | 0.71 | 0.50 | 1.00 | |
| Dibromochloromethane | ND | 0.50 | 1.00 | |
| Dichlorodifluoromethane | 0.56 | 0.50 | 1.00 | |
| 1,1-Dichloroethane | ND | 0.50 | 1.00 | |
| 1,1-Dichloroethene | ND | 0.50 | 1.00 | |
| 1,2-Dibromoethane | ND | 0.50 | 1.00 | |
| Dichlorotetrafluoroethane | ND | 2.0 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,2-Dichloroethane | ND | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 0.50 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | |
| c-1,3-Dichloropropene | ND | 0.50 | 1.00 | |
| c-1,2-Dichloroethene | ND | 0.50 | 1.00 | |
| t-1,2-Dichloroethene | ND | 0.50 | 1.00 | |
| t-1,3-Dichloropropene | ND | 1.0 | 1.00 | |
| 4-Ethyltoluene | ND | 0.50 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 1.5 | 1.00 | |
| 2-Hexanone | ND | 1.5 | 1.00 | |
| Methylene Chloride | ND | 5.0 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 1.5 | 1.00 | |
| Styrene | ND | 1.5 | 1.00 | |
| Tetrachloroethene | ND | 0.50 | 1.00 | |
| Trichloroethene | ND | 0.50 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Analytical Report

Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 03/21/14
Work Order: 14-03-1603
Preparation: N/A
Method: EPA TO-15M
Units: ppb (v/v)

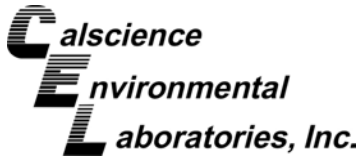
Project: DFSP - Norwalk

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| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>DF</u> | <u>Qualifiers</u> |
|---------------------------------------|-----------------|-----------------------|-------------------|-------------------|
| Trichlorofluoromethane | ND | 1.0 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 1.5 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 0.50 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 0.50 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 0.50 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 1.5 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 2.0 | 1.00 | |
| Vinyl Acetate | ND | 2.0 | 1.00 | |
| Vinyl Chloride | ND | 0.50 | 1.00 | |
| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> | |
| 1,4-Bromofluorobenzene | 102 | 57-129 | | |
| 1,2-Dichloroethane-d4 | 103 | 47-137 | | |
| Toluene-d8 | 100 | 78-156 | | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Analytical Report

Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 03/21/14
Work Order: 14-03-1603
Preparation: N/A
Method: EPA TO-15M
Units: ppb (v/v)

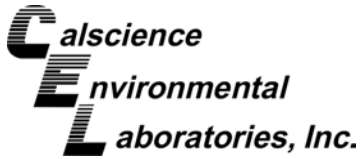
Project: DFSP - Norwalk

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|--------|------------|---------------|--------------------|-------------|
| After GAC-2 | 14-03-1603-2-A | 03/21/14 15:26 | Air | GC/MS KKK | N/A | 03/22/14 20:18 | 140322L02 |

| Parameter | Result | RL | DF | Qualifiers |
|---------------------------|--------|------|------|------------|
| Acetone | ND | 50 | 1.00 | |
| Benzyl Chloride | ND | 1.5 | 1.00 | |
| Bromodichloromethane | ND | 0.50 | 1.00 | |
| Bromoform | ND | 0.50 | 1.00 | |
| Bromomethane | ND | 0.50 | 1.00 | |
| 2-Butanone | ND | 1.5 | 1.00 | |
| Carbon Disulfide | ND | 10 | 1.00 | |
| Carbon Tetrachloride | ND | 0.50 | 1.00 | |
| Chlorobenzene | ND | 0.50 | 1.00 | |
| Chloroethane | ND | 0.50 | 1.00 | |
| Chloroform | ND | 0.50 | 1.00 | |
| Chloromethane | 0.61 | 0.50 | 1.00 | |
| Dibromochloromethane | ND | 0.50 | 1.00 | |
| Dichlorodifluoromethane | 0.52 | 0.50 | 1.00 | |
| 1,1-Dichloroethane | ND | 0.50 | 1.00 | |
| 1,1-Dichloroethene | ND | 0.50 | 1.00 | |
| 1,2-Dibromoethane | ND | 0.50 | 1.00 | |
| Dichlorotetrafluoroethane | ND | 2.0 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,2-Dichloroethane | ND | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 0.50 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | |
| c-1,3-Dichloropropene | ND | 0.50 | 1.00 | |
| c-1,2-Dichloroethene | ND | 0.50 | 1.00 | |
| t-1,2-Dichloroethene | ND | 0.50 | 1.00 | |
| t-1,3-Dichloropropene | ND | 1.0 | 1.00 | |
| 4-Ethyltoluene | ND | 0.50 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 1.5 | 1.00 | |
| 2-Hexanone | ND | 1.5 | 1.00 | |
| Methylene Chloride | ND | 5.0 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 1.5 | 1.00 | |
| Styrene | ND | 1.5 | 1.00 | |
| Tetrachloroethene | ND | 0.50 | 1.00 | |
| Trichloroethene | ND | 0.50 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Analytical Report

Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 03/21/14
Work Order: 14-03-1603
Preparation: N/A
Method: EPA TO-15M
Units: ppb (v/v)

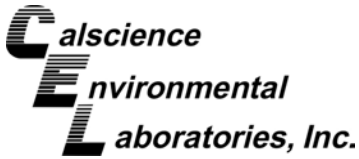
Project: DFSP - Norwalk

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| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>DF</u> | <u>Qualifiers</u> |
|---------------------------------------|-----------------|-----------------------|-------------------|-------------------|
| Trichlorofluoromethane | ND | 1.0 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 1.5 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 0.50 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 0.50 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 0.50 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 1.5 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 2.0 | 1.00 | |
| Vinyl Acetate | ND | 2.0 | 1.00 | |
| Vinyl Chloride | ND | 0.50 | 1.00 | |
| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> | |
| 1,4-Bromofluorobenzene | 101 | 57-129 | | |
| 1,2-Dichloroethane-d4 | 104 | 47-137 | | |
| Toluene-d8 | 102 | 78-156 | | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Analytical Report

Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 03/21/14
Work Order: 14-03-1603
Preparation: N/A
Method: EPA TO-15M
Units: ppb (v/v)

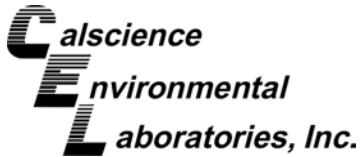
Project: DFSP - Norwalk

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|--------|------------|---------------|--------------------|-------------|
| After GAC-1 | 14-03-1603-3-A | 03/21/14 15:24 | Air | GC/MS KKK | N/A | 03/22/14 21:13 | 140322L02 |

| Parameter | Result | RL | DF | Qualifiers |
|---------------------------|--------|------|------|------------|
| Acetone | ND | 50 | 1.00 | |
| Benzyl Chloride | ND | 1.5 | 1.00 | |
| Bromodichloromethane | ND | 0.50 | 1.00 | |
| Bromoform | ND | 0.50 | 1.00 | |
| Bromomethane | ND | 0.50 | 1.00 | |
| 2-Butanone | ND | 1.5 | 1.00 | |
| Carbon Disulfide | ND | 10 | 1.00 | |
| Carbon Tetrachloride | ND | 0.50 | 1.00 | |
| Chlorobenzene | ND | 0.50 | 1.00 | |
| Chloroethane | ND | 0.50 | 1.00 | |
| Chloroform | ND | 0.50 | 1.00 | |
| Chloromethane | 0.82 | 0.50 | 1.00 | |
| Dibromochloromethane | ND | 0.50 | 1.00 | |
| Dichlorodifluoromethane | 0.59 | 0.50 | 1.00 | |
| 1,1-Dichloroethane | ND | 0.50 | 1.00 | |
| 1,1-Dichloroethene | ND | 0.50 | 1.00 | |
| 1,2-Dibromoethane | ND | 0.50 | 1.00 | |
| Dichlorotetrafluoroethane | ND | 2.0 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,2-Dichloroethane | ND | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 0.50 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | |
| c-1,3-Dichloropropene | ND | 0.50 | 1.00 | |
| c-1,2-Dichloroethene | ND | 0.50 | 1.00 | |
| t-1,2-Dichloroethene | ND | 0.50 | 1.00 | |
| t-1,3-Dichloropropene | ND | 1.0 | 1.00 | |
| 4-Ethyltoluene | ND | 0.50 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 1.5 | 1.00 | |
| 2-Hexanone | ND | 1.5 | 1.00 | |
| Methylene Chloride | ND | 5.0 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 1.5 | 1.00 | |
| Styrene | ND | 1.5 | 1.00 | |
| Tetrachloroethene | ND | 0.50 | 1.00 | |
| Trichloroethene | ND | 0.50 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Analytical Report

Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 03/21/14
Work Order: 14-03-1603
Preparation: N/A
Method: EPA TO-15M
Units: ppb (v/v)

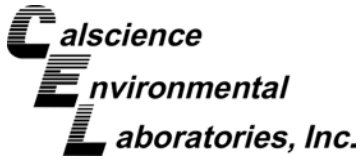
Project: DFSP - Norwalk

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| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>DF</u> | <u>Qualifiers</u> |
|---------------------------------------|-----------------|-----------------------|-------------------|-------------------|
| Trichlorofluoromethane | ND | 1.0 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 1.5 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 0.50 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 0.50 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 0.50 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 1.5 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 2.0 | 1.00 | |
| Vinyl Acetate | ND | 2.0 | 1.00 | |
| Vinyl Chloride | ND | 0.50 | 1.00 | |
| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> | |
| 1,4-Bromofluorobenzene | 102 | 57-129 | | |
| 1,2-Dichloroethane-d4 | 104 | 47-137 | | |
| Toluene-d8 | 99 | 78-156 | | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Analytical Report

Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 03/21/14
Work Order: 14-03-1603
Preparation: N/A
Method: EPA TO-15M
Units: ppb (v/v)

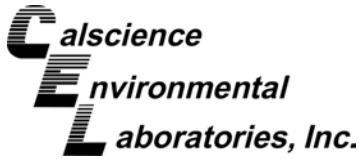
Project: DFSP - Norwalk

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|--------|------------|---------------|--------------------|-------------|
| Influent | 14-03-1603-4-A | 03/21/14 15:24 | Air | GC/MS KKK | N/A | 03/22/14 22:12 | 140322L02 |

| Parameter | Result | RL | DF | Qualifiers |
|---------------------------|--------|------|------|------------|
| Acetone | ND | 50 | 1.00 | |
| Benzyl Chloride | ND | 1.5 | 1.00 | |
| Bromodichloromethane | ND | 0.50 | 1.00 | |
| Bromoform | ND | 0.50 | 1.00 | |
| Bromomethane | ND | 0.50 | 1.00 | |
| 2-Butanone | 2.3 | 1.5 | 1.00 | |
| Carbon Disulfide | ND | 10 | 1.00 | |
| Carbon Tetrachloride | ND | 0.50 | 1.00 | |
| Chlorobenzene | ND | 0.50 | 1.00 | |
| Chloroethane | ND | 0.50 | 1.00 | |
| Chloroform | ND | 0.50 | 1.00 | |
| Chloromethane | 0.77 | 0.50 | 1.00 | |
| Dibromochloromethane | ND | 0.50 | 1.00 | |
| Dichlorodifluoromethane | 0.57 | 0.50 | 1.00 | |
| 1,1-Dichloroethane | ND | 0.50 | 1.00 | |
| 1,1-Dichloroethene | ND | 0.50 | 1.00 | |
| 1,2-Dibromoethane | ND | 0.50 | 1.00 | |
| Dichlorotetrafluoroethane | ND | 2.0 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,2-Dichloroethane | ND | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 0.50 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | |
| c-1,3-Dichloropropene | ND | 0.50 | 1.00 | |
| c-1,2-Dichloroethene | ND | 0.50 | 1.00 | |
| t-1,2-Dichloroethene | ND | 0.50 | 1.00 | |
| t-1,3-Dichloropropene | ND | 1.0 | 1.00 | |
| 4-Ethyltoluene | ND | 0.50 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 1.5 | 1.00 | |
| 2-Hexanone | ND | 1.5 | 1.00 | |
| Methylene Chloride | ND | 5.0 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 1.5 | 1.00 | |
| Styrene | ND | 1.5 | 1.00 | |
| Tetrachloroethene | ND | 0.50 | 1.00 | |
| Trichloroethene | ND | 0.50 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Analytical Report

Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 03/21/14
Work Order: 14-03-1603
Preparation: N/A
Method: EPA TO-15M
Units: ppb (v/v)

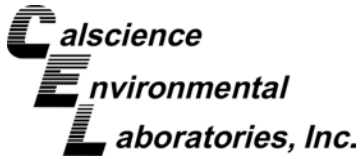
Project: DFSP - Norwalk

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| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>DF</u> | <u>Qualifiers</u> |
|---------------------------------------|-----------------|-----------------------|-------------------|-------------------|
| Trichlorofluoromethane | ND | 1.0 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 1.5 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 0.50 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 0.50 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 0.50 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 1.5 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 2.0 | 1.00 | |
| Vinyl Acetate | ND | 2.0 | 1.00 | |
| Vinyl Chloride | ND | 0.50 | 1.00 | |
| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> | |
| 1,4-Bromofluorobenzene | 107 | 57-129 | | |
| 1,2-Dichloroethane-d4 | 104 | 47-137 | | |
| Toluene-d8 | 98 | 78-156 | | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Analytical Report

Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 03/21/14
Work Order: 14-03-1603
Preparation: N/A
Method: EPA TO-15M
Units: ppb (v/v)

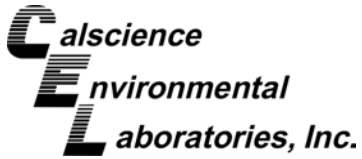
Project: DFSP - Norwalk

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|------------------------|---------------------|------------|------------------|---------------|-----------------------|------------------|
| Method Blank | 099-12-981-4148 | N/A | Air | GC/MS KKK | N/A | 03/22/14 15:03 | 140322L02 |

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>DF</u> | <u>Qualifiers</u> |
|---------------------------|---------------|-----------|-----------|-------------------|
| Acetone | ND | 50 | 1.00 | |
| Benzyl Chloride | ND | 1.5 | 1.00 | |
| Bromodichloromethane | ND | 0.50 | 1.00 | |
| Bromoform | ND | 0.50 | 1.00 | |
| Bromomethane | ND | 0.50 | 1.00 | |
| 2-Butanone | ND | 1.5 | 1.00 | |
| Carbon Disulfide | ND | 10 | 1.00 | |
| Carbon Tetrachloride | ND | 0.50 | 1.00 | |
| Chlorobenzene | ND | 0.50 | 1.00 | |
| Chloroethane | ND | 0.50 | 1.00 | |
| Chloroform | ND | 0.50 | 1.00 | |
| Chloromethane | ND | 0.50 | 1.00 | |
| Dibromochloromethane | ND | 0.50 | 1.00 | |
| Dichlorodifluoromethane | ND | 0.50 | 1.00 | |
| 1,1-Dichloroethane | ND | 0.50 | 1.00 | |
| 1,1-Dichloroethene | ND | 0.50 | 1.00 | |
| 1,2-Dibromoethane | ND | 0.50 | 1.00 | |
| Dichlorotetrafluoroethane | ND | 2.0 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,2-Dichloroethane | ND | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 0.50 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | |
| c-1,3-Dichloropropene | ND | 0.50 | 1.00 | |
| c-1,2-Dichloroethene | ND | 0.50 | 1.00 | |
| t-1,2-Dichloroethene | ND | 0.50 | 1.00 | |
| t-1,3-Dichloropropene | ND | 1.0 | 1.00 | |
| 4-Ethyltoluene | ND | 0.50 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 1.5 | 1.00 | |
| 2-Hexanone | ND | 1.5 | 1.00 | |
| Methylene Chloride | ND | 5.0 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 1.5 | 1.00 | |
| Styrene | ND | 1.5 | 1.00 | |
| Tetrachloroethene | ND | 0.50 | 1.00 | |
| Trichloroethene | ND | 0.50 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Analytical Report

Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 03/21/14
Work Order: 14-03-1603
Preparation: N/A
Method: EPA TO-15M
Units: ppb (v/v)

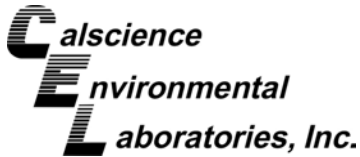
Project: DFSP - Norwalk

Page 10 of 10

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>DF</u> | <u>Qualifiers</u> |
|---------------------------------------|-----------------|-----------------------|-------------------|-------------------|
| Trichlorofluoromethane | ND | 1.0 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 1.5 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 0.50 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 0.50 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 0.50 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 1.5 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 2.0 | 1.00 | |
| Vinyl Acetate | ND | 2.0 | 1.00 | |
| Vinyl Chloride | ND | 0.50 | 1.00 | |
| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> | |
| 1,4-Bromofluorobenzene | 102 | 57-129 | | |
| 1,2-Dichloroethane-d4 | 102 | 47-137 | | |
| Toluene-d8 | 100 | 78-156 | | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Analytical Report

Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 03/21/14
Work Order: 14-03-1603
Preparation: N/A
Method: EPA TO-3M
Units: ppm (v/v)

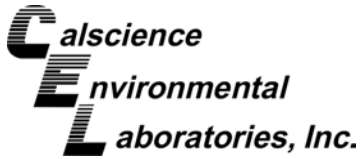
Project: DFSP - Norwalk

Page 1 of 1

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|------------------------|---------------------------|------------|--------------|---------------|---------------------------|-------------------|
| Effluent | 14-03-1603-1-A | 03/21/14 15:28 | Air | GC 13 | N/A | 03/22/14 10:43 | 140322L01 |
| <u>Parameter</u> | | <u>Result</u> | | <u>RL</u> | | <u>DF</u> | <u>Qualifiers</u> |
| VOCs >= C3 As Hexane | | ND | | 3.0 | | 1.00 | |
| After GAC-2 | 14-03-1603-2-A | 03/21/14 15:26 | Air | GC 13 | N/A | 03/22/14 10:52 | 140322L01 |
| <u>Parameter</u> | | <u>Result</u> | | <u>RL</u> | | <u>DF</u> | <u>Qualifiers</u> |
| VOCs >= C3 As Hexane | | ND | | 3.0 | | 1.00 | |
| After GAC-1 | 14-03-1603-3-A | 03/21/14 15:24 | Air | GC 13 | N/A | 03/22/14 11:01 | 140322L01 |
| <u>Parameter</u> | | <u>Result</u> | | <u>RL</u> | | <u>DF</u> | <u>Qualifiers</u> |
| VOCs >= C3 As Hexane | | ND | | 3.0 | | 1.00 | |
| Influent | 14-03-1603-4-A | 03/21/14 15:24 | Air | GC 13 | N/A | 03/22/14 11:16 | 140322L01 |
| <u>Parameter</u> | | <u>Result</u> | | <u>RL</u> | | <u>DF</u> | <u>Qualifiers</u> |
| VOCs >= C3 As Hexane | | ND | | 3.0 | | 1.00 | |
| Method Blank | 099-12-713-1909 | N/A | Air | GC 13 | N/A | 03/22/14 09:39 | 140322L01 |
| <u>Parameter</u> | | <u>Result</u> | | <u>RL</u> | | <u>DF</u> | <u>Qualifiers</u> |
| VOCs >= C3 As Hexane | | ND | | 3.0 | | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Quality Control - Sample Duplicate

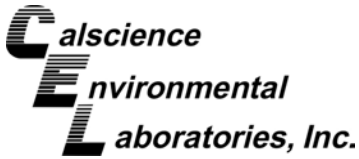
Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 03/21/14
Work Order: 14-03-1603
Preparation: N/A
Method: EPA TO-3M

Project: DFSP - Norwalk

Page 1 of 1

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | Duplicate Batch Number |
|---------------------------|------------------|---------------------|------------------|---------------|----------------|------------------------|
| 14-03-1620-1 | Sample | Air | GC 13 | N/A | 03/22/14 13:49 | 140322D01 |
| 14-03-1620-1 | Sample Duplicate | Air | GC 13 | N/A | 03/22/14 13:58 | 140322D01 |
| <u>Parameter</u> | | <u>Sample Conc.</u> | <u>DUP Conc.</u> | <u>RPD</u> | <u>RPD CL</u> | <u>Qualifiers</u> |
| VOCs >= C3 As Hexane | | 248.0 | 250.7 | 1 | 0-20 | |



Quality Control - LCS/LCSD

Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 03/21/14
Work Order: 14-03-1603
Preparation: N/A
Method: EPA 8260B (M)

Project: DFSP - Norwalk

Page 1 of 4

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number | | | | |
|-------------------------------|-------------|-----------|------------|---------------|----------------|-----------------------|--------|-----|--------|------------|
| 099-16-116-243 | LCS | Air | GC/MS KKK | N/A | 03/22/14 12:30 | 140322L04 | | | | |
| 099-16-116-243 | LCSD | Air | GC/MS KKK | N/A | 03/22/14 13:20 | 140322L04 | | | | |
| Parameter | Spike Added | LCS Conc. | LCS %Rec. | LCSD Conc. | LCSD %Rec. | %Rec. CL | ME CL | RPD | RPD CL | Qualifiers |
| Benzene | 25.00 | 25.57 | 102 | 25.38 | 102 | 60-156 | 44-172 | 1 | 0-40 | |
| Toluene | 25.00 | 24.68 | 99 | 24.62 | 98 | 56-146 | 41-161 | 0 | 0-43 | |
| Ethylbenzene | 25.00 | 24.25 | 97 | 24.16 | 97 | 52-154 | 35-171 | 0 | 0-38 | |
| o-Xylene | 25.00 | 23.85 | 95 | 23.63 | 95 | 52-148 | 36-164 | 1 | 0-38 | |
| p/m-Xylene | 50.00 | 49.14 | 98 | 48.71 | 97 | 42-156 | 23-175 | 1 | 0-41 | |
| Methyl-t-Butyl Ether (MTBE) | 25.00 | 25.65 | 103 | 25.40 | 102 | 45-147 | 28-164 | 1 | 0-25 | |
| Tert-Butyl Alcohol (TBA) | 50.00 | 47.77 | 96 | 46.34 | 93 | 60-140 | 47-153 | 3 | 0-35 | |
| Diisopropyl Ether (DIPE) | 25.00 | 24.41 | 98 | 23.73 | 95 | 60-140 | 47-153 | 3 | 0-35 | |
| Ethyl-t-Butyl Ether (ETBE) | 25.00 | 24.15 | 97 | 23.81 | 95 | 60-140 | 47-153 | 1 | 0-35 | |
| Tert-Amyl-Methyl Ether (TAME) | 25.00 | 23.44 | 94 | 23.25 | 93 | 60-140 | 47-153 | 1 | 0-35 | |
| Ethanol | 100.0 | 79.58 | 80 | 78.77 | 79 | 47-137 | 32-152 | 1 | 0-35 | |
| 1,1-Difluoroethane | 25.00 | 25.97 | 104 | 25.65 | 103 | 78-156 | 65-169 | 1 | 0-35 | |
| Isopropanol | 25.00 | 27.50 | 110 | 26.86 | 107 | 78-156 | 65-169 | 2 | 0-35 | |

Total number of LCS compounds: 13

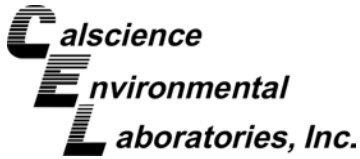
Total number of ME compounds: 0

Total number of ME compounds allowed: 1

LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Quality Control - LCS/LCSD

Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

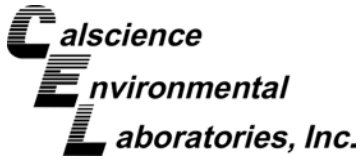
Date Received: 03/21/14
Work Order: 14-03-1603
Preparation: N/A
Method: EPA TO-15M

Project: DFSP - Norwalk

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number | | | | |
|---------------------------|-------------|-----------|------------|---------------|----------------|-----------------------|--------|-----|--------|------------|
| 099-12-981-4148 | LCS | Air | GC/MS KKK | N/A | 03/22/14 12:30 | 140322L02 | | | | |
| 099-12-981-4148 | LCSD | Air | GC/MS KKK | N/A | 03/22/14 13:20 | 140322L02 | | | | |
| Parameter | Spike Added | LCS Conc. | LCS %Rec. | LCSD Conc. | LCSD %Rec. | %Rec. CL | ME CL | RPD | RPD CL | Qualifiers |
| Acetone | 25.00 | 29.10 | 116 | 28.66 | 115 | 50-150 | 33-167 | 2 | 0-35 | |
| Benzyl Chloride | 25.00 | 26.17 | 105 | 25.84 | 103 | 50-150 | 33-167 | 1 | 0-35 | |
| Bromodichloromethane | 25.00 | 26.42 | 106 | 26.16 | 105 | 50-150 | 33-167 | 1 | 0-35 | |
| Bromoform | 25.00 | 26.00 | 104 | 25.95 | 104 | 50-150 | 33-167 | 0 | 0-38 | |
| Bromomethane | 25.00 | 26.45 | 106 | 26.30 | 105 | 50-150 | 33-167 | 1 | 0-35 | |
| 2-Butanone | 25.00 | 26.90 | 108 | 26.39 | 106 | 50-150 | 33-167 | 2 | 0-35 | |
| Carbon Disulfide | 25.00 | 26.99 | 108 | 26.39 | 106 | 50-150 | 33-167 | 2 | 0-35 | |
| Carbon Tetrachloride | 25.00 | 25.77 | 103 | 25.72 | 103 | 64-154 | 49-169 | 0 | 0-32 | |
| Chlorobenzene | 25.00 | 24.08 | 96 | 24.05 | 96 | 50-150 | 33-167 | 0 | 0-35 | |
| Chloroethane | 25.00 | 24.30 | 97 | 23.99 | 96 | 50-150 | 33-167 | 1 | 0-35 | |
| Chloroform | 25.00 | 25.64 | 103 | 25.43 | 102 | 50-150 | 33-167 | 1 | 0-35 | |
| Chloromethane | 25.00 | 28.65 | 115 | 31.58 | 126 | 50-150 | 33-167 | 10 | 0-35 | |
| Dibromochloromethane | 25.00 | 25.03 | 100 | 25.10 | 100 | 50-150 | 33-167 | 0 | 0-35 | |
| Dichlorodifluoromethane | 25.00 | 24.98 | 100 | 24.87 | 99 | 50-150 | 33-167 | 0 | 0-35 | |
| 1,1-Dichloroethane | 25.00 | 25.83 | 103 | 25.60 | 102 | 50-150 | 33-167 | 1 | 0-35 | |
| 1,1-Dichloroethene | 25.00 | 26.88 | 108 | 26.64 | 107 | 50-150 | 33-167 | 1 | 0-35 | |
| 1,2-Dibromoethane | 25.00 | 24.62 | 98 | 24.53 | 98 | 54-144 | 39-159 | 0 | 0-36 | |
| Dichlorotetrafluoroethane | 25.00 | 20.97 | 84 | 23.49 | 94 | 50-150 | 33-167 | 11 | 0-35 | |
| 1,2-Dichlorobenzene | 25.00 | 23.30 | 93 | 23.33 | 93 | 34-160 | 13-181 | 0 | 0-47 | |
| 1,2-Dichloroethane | 25.00 | 25.74 | 103 | 25.46 | 102 | 69-153 | 55-167 | 1 | 0-35 | |
| 1,2-Dichloropropane | 25.00 | 25.78 | 103 | 25.54 | 102 | 67-157 | 52-172 | 1 | 0-35 | |
| 1,3-Dichlorobenzene | 25.00 | 23.68 | 95 | 23.61 | 94 | 50-150 | 33-167 | 0 | 0-35 | |
| 1,4-Dichlorobenzene | 25.00 | 23.58 | 94 | 23.47 | 94 | 36-156 | 16-176 | 0 | 0-47 | |
| c-1,3-Dichloropropene | 25.00 | 26.33 | 105 | 25.99 | 104 | 61-157 | 45-173 | 1 | 0-35 | |
| c-1,2-Dichloroethene | 25.00 | 25.48 | 102 | 25.34 | 101 | 50-150 | 33-167 | 1 | 0-35 | |
| t-1,2-Dichloroethene | 25.00 | 24.71 | 99 | 24.51 | 98 | 50-150 | 33-167 | 1 | 0-35 | |
| t-1,3-Dichloropropene | 25.00 | 28.67 | 115 | 28.37 | 113 | 50-150 | 33-167 | 1 | 0-35 | |
| 4-Ethyltoluene | 25.00 | 24.27 | 97 | 24.22 | 97 | 50-150 | 33-167 | 0 | 0-35 | |
| Hexachloro-1,3-Butadiene | 25.00 | 25.92 | 104 | 25.75 | 103 | 50-150 | 33-167 | 1 | 0-35 | |
| 2-Hexanone | 25.00 | 25.27 | 101 | 25.00 | 100 | 50-150 | 33-167 | 1 | 0-35 | |
| Methylene Chloride | 25.00 | 25.66 | 103 | 25.12 | 100 | 50-150 | 33-167 | 2 | 0-35 | |
| 4-Methyl-2-Pentanone | 25.00 | 26.11 | 104 | 25.65 | 103 | 50-150 | 33-167 | 2 | 0-35 | |
| Styrene | 25.00 | 23.08 | 92 | 22.94 | 92 | 50-150 | 33-167 | 1 | 0-35 | |
| Tetrachloroethene | 25.00 | 24.36 | 97 | 24.55 | 98 | 56-152 | 40-168 | 1 | 0-40 | |
| Trichloroethene | 25.00 | 25.37 | 101 | 25.15 | 101 | 63-159 | 47-175 | 1 | 0-34 | |
| Trichlorofluoromethane | 25.00 | 26.42 | 106 | 26.24 | 105 | 50-150 | 33-167 | 1 | 0-35 | |

RPD: Relative Percent Difference. CL: Control Limits



Quality Control - LCS/LCSD

Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 03/21/14
Work Order: 14-03-1603
Preparation: N/A
Method: EPA TO-15M

Project: DFSP - Norwalk

Page 3 of 4

| <u>Parameter</u> | <u>Spike Added</u> | <u>LCS Conc.</u> | <u>LCS %Rec.</u> | <u>LCSD Conc.</u> | <u>LCSD %Rec.</u> | <u>%Rec. CL</u> | <u>ME CL</u> | <u>RPD</u> | <u>RPD CL</u> | <u>Qualifiers</u> |
|---------------------------------------|--------------------|------------------|------------------|-------------------|-------------------|-----------------|--------------|------------|---------------|-------------------|
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 25.00 | 27.25 | 109 | 27.15 | 109 | 50-150 | 33-167 | 0 | 0-35 | |
| 1,1,1-Trichloroethane | 25.00 | 24.68 | 99 | 24.56 | 98 | 50-150 | 33-167 | 0 | 0-35 | |
| 1,1,2-Trichloroethane | 25.00 | 25.69 | 103 | 25.35 | 101 | 65-149 | 51-163 | 1 | 0-37 | |
| 1,3,5-Trimethylbenzene | 25.00 | 23.67 | 95 | 23.61 | 94 | 50-150 | 33-167 | 0 | 0-35 | |
| 1,1,2,2-Tetrachloroethane | 25.00 | 23.96 | 96 | 23.71 | 95 | 50-150 | 33-167 | 1 | 0-35 | |
| 1,2,4-Trimethylbenzene | 25.00 | 24.59 | 98 | 24.57 | 98 | 50-150 | 33-167 | 0 | 0-35 | |
| 1,2,4-Trichlorobenzene | 25.00 | 23.42 | 94 | 23.32 | 93 | 50-150 | 33-167 | 0 | 0-35 | |
| Vinyl Acetate | 25.00 | 24.21 | 97 | 23.76 | 95 | 50-150 | 33-167 | 2 | 0-35 | |
| Vinyl Chloride | 25.00 | 26.13 | 105 | 28.85 | 115 | 45-177 | 23-199 | 10 | 0-36 | |

Total number of LCS compounds: 45

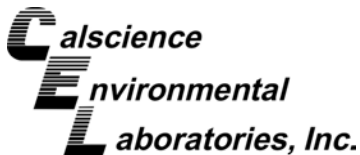
Total number of ME compounds: 0

Total number of ME compounds allowed: 2

LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Quality Control - LCS

Parsons Government Services, Inc.
 100 West Walnut Street
 Pasadena, CA 91124-0002

Date Received: 03/21/14
 Work Order: 14-03-1603
 Preparation: N/A
 Method: EPA TO-3M

Project: DFSP - Norwalk

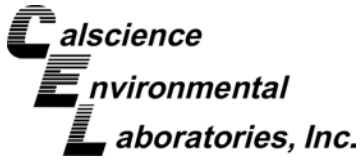
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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---------------------------|------------|------------|--------------|---------------|-----------------------|------------------|
| 099-12-713-1909 | LCS | Air | GC 13 | N/A | 03/22/14 09:29 | 140322L01 |

| <u>Parameter</u> | <u>Spike Added</u> | <u>Conc. Recovered</u> | <u>LCS %Rec.</u> | <u>%Rec. CL</u> | <u>Qualifiers</u> |
|----------------------|--------------------|------------------------|------------------|-----------------|-------------------|
| VOCs >= C3 As Hexane | 400.0 | 405.9 | 101 | 80-120 | |



RPD: Relative Percent Difference. CL: Control Limits



Sample Analysis Summary Report

Work Order: 14-03-1603

Page 1 of 1

| <u>Method</u> | <u>Extraction</u> | <u>Chemist ID</u> | <u>Instrument</u> | <u>Analytical Location</u> |
|---------------|-------------------|-------------------|-------------------|----------------------------|
| EPA 8260B (M) | N/A | 858 | GC/MS KKK | 2 |
| EPA TO-15M | N/A | 858 | GC/MS KKK | 2 |
| EPA TO-3M | N/A | 884 | GC 13 | 2 |
| EPA TO-3M | N/A | 888 | GC 13 | 2 |


Return to Contents

Glossary of Terms and Qualifiers

Work Order: 14-03-1603

Page 1 of 1

| <u>Qualifiers</u> | <u>Definition</u> |
|-------------------|--|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSO or PES/PESO associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of ≤ 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.



Calscience Environmental Laboratories, Inc.

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494

Other CA office locations: Concord and San Luis Obispo

For courier service / sample drop off information, contact sales@calscience.com or call us.

CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY

14-03-1603

Date 3-21-14

Page 1 of 1

LABORATORY CLIENT: Parsons

ADDRESS: 100 W. Walnut St

CITY: Pasadena STATE: CA ZIP: 91124

TEL: 626-440-6035 E-MAIL: Mary.Lucas@Parsons.com

TURNAROUND TIME:
 SAME DAY 24 HR 48 HR 72 HR STANDARD

COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS:

CLIENT PROJECT NAME / NUMBER: DFSP-Norwalk P.O. NO.: 747577-05000

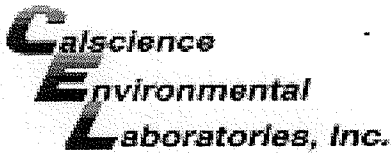
PROJECT CONTACT: Mary Lucas / Cindy Zicker SAMPLER(S): (PRINT) Glenn Androsko

REQUESTED ANALYSES

Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | SAMPLING | | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | <input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO | <input type="checkbox"/> TPH(g) <input type="checkbox"/> DRO | TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44 | TPH | BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/> | VOCs (8260) | Oxygenates (8260) | Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM | T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X | Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6 | TO-15 + MTBE | TO-3 |
|--------------|---------------|----------|------|--------|--------------|-------------|-----------|----------------|--|--|---|-----|--|-------------|-------------------|--|--------------|-------------------|-------------|--|--|---|--------------|------|
| | | DATE | TIME | | | | | | | | | | | | | | | | | | | | | |
| | 1 Effluent | 3-21-14 | 1528 | Air | 1 | | | | | | | | | | | | | | | | | | X | X |
| | 2 After GAC-2 | ↓ | 1526 | ↓ | 1 | | | | | | | | | | | | | | | | | | X | X |
| | 3 After GAC-1 | ↓ | 1524 | ↓ | 1 | | | | | | | | | | | | | | | | | | X | X |
| | 4 Influent | ↓ | 1524 | ↓ | 1 | | | | | | | | | | | | | | | | | | X | X |

| | | | |
|--|---|----------------------|-------------------|
| Relinquished by: (Signature) <u>Glenn Androsko</u> | Received by: (Signature/Affiliation) <u>[Signature]</u> | Date: <u>3-21-14</u> | Time: <u>1700</u> |
| Relinquished by: (Signature) <u>[Signature]</u> | Received by: (Signature/Affiliation) <u>[Signature]</u> | Date: <u>3/21/14</u> | Time: <u>1747</u> |
| Relinquished by: (Signature) <u>[Signature]</u> | Received by: (Signature/Affiliation) <u>[Signature]</u> | Date: | Time: |



WORK ORDER #: 14-03-1603

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: PARSON

DATE: 03/2/14

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0°C - 6.0°C, not frozen except sediment/tissue)

Temperature 2.6°C - 0.3°C (CF) = 2.3°C [X] Blank [] Sample

[] Sample(s) outside temperature criteria (PM/APM contacted by: _____)

[] Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

[] Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: [] Air [] Filter

Checked by: R20

CUSTODY SEALS INTACT:

[] Cooler [] _____ [] No (Not Intact) [X] Not Present [] N/A Checked by: R10

[] Sample [] _____ [] No (Not Intact) [X] Not Present Checked by: 310

SAMPLE CONDITION:

Table with 4 columns: Item, Yes, No, N/A. Rows include Chain-Of-Custody (COC) document(s) received with samples, COC document(s) received complete, Sampler's name indicated on COC, Sample container label(s) consistent with COC, Sample container(s) intact and good condition, Proper containers and sufficient volume for analyses requested, Analyses received within holding time, Aqueous samples received within 15-minute holding time, Proper preservation noted on COC or sample container, Volatile analysis container(s) free of headspace, Tedlar bag(s) free of condensation.

CONTAINER TYPE:

Solid: [] 4ozCGJ [] 8ozCGJ [] 16ozCGJ [] Sleeve (____) [] EnCores® [] TerraCores® [] _____

Aqueous: [] VOA [] VOAh [] VOAna2 [] 125AGB [] 125AGBh [] 125AGBp [] 1AGB [] 1AGBna2 [] 1AGBs

[] 500AGB [] 500AGJ [] 500AGJs [] 250AGB [] 250CGB [] 250CGBs [] 1PB [] 1PBna [] 500PB

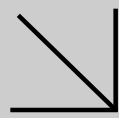
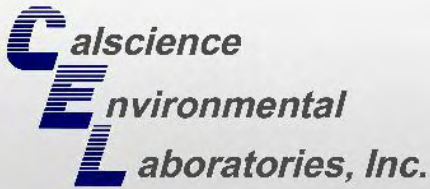
[] 250PB [] 250PBn [] 125PB [] 125PBzanna [] 100PJ [] 100PJna2 [] _____ [] _____ [] _____

Air: [X] Tedlar® [] Canister Other: [] _____ Trip Blank Lot#: _____ Labeled/Checked by: 300

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Reviewed by: 836

Preservative: h: HCL n: HNO3 na2:Na2S2O3 na: NaOH p: H3PO4 s: H2SO4 u: Ultra-pure zna: ZnAc2+NaOH f: Filtered Scanned by: 300

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CALSCIENCE

WORK ORDER NUMBER: 14-02-0466

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Parsons Government Services, Inc.

Client Project Name: DFSP - Norwalk

Attention: Mary Lucas
100 West Walnut Street
Pasadena, CA 91124-0002

Allyson
for

Approved for release on 02/13/2014 by:
Ranjit Clarke
Project Manager

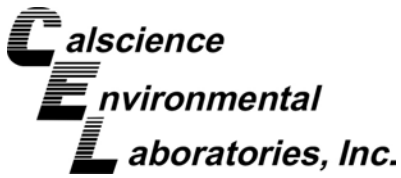
ResultLink ▶

Email your PM ▶



Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.





Contents

Client Project Name: DFSP - Norwalk
Work Order Number: 14-02-0466

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Work Order Narrative

Work Order: 14-02-0466

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Condition Upon Receipt:

Samples were received under Chain of Custody (COC) on 02/07/14. They were assigned to Work Order 14-02-0466.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of ≤ 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

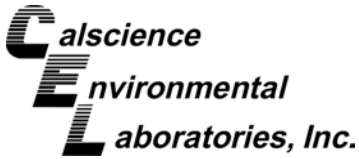
Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.



Analytical Report

Parsons Government Services, Inc.
 100 West Walnut Street
 Pasadena, CA 91124-0002

Date Received: 02/07/14
 Work Order: 14-02-0466
 Preparation: EPA 3510C
 Method: EPA 8015B (M)
 Units: ug/L

Project: DFSP - Norwalk

Page 1 of 1

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| After MX-21 | 14-02-0466-1-D | 02/07/14 09:17 | Aqueous | GC 48 | 02/11/14 | 02/12/14 02:56 | 140211B05 |

| Parameter | Result | RL | DF | Qualifiers |
|---------------|----------|----------------|------------|------------|
| TPH as Diesel | 1500 | 100 | 1 | HD |
| Surrogate | Rec. (%) | Control Limits | Qualifiers | |
| n-Octacosane | 123 | 68-140 | | |

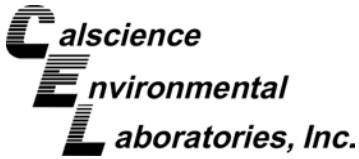
| Parameter | Result | RL | DF | Qualifiers |
|---------------|----------|----------------|------------|------------|
| TPH as Diesel | 2500 | 100 | 1 | HD |
| Surrogate | Rec. (%) | Control Limits | Qualifiers | |
| n-Octacosane | 124 | 68-140 | | |

| Parameter | Result | RL | DF | Qualifiers |
|---------------|----------|----------------|------------|------------|
| TPH as Diesel | 1500 | 100 | 1 | HD |
| Surrogate | Rec. (%) | Control Limits | Qualifiers | |
| n-Octacosane | 109 | 68-140 | | |

| Parameter | Result | RL | DF | Qualifiers |
|---------------|----------|----------------|------------|------------|
| TPH as Diesel | ND | 100 | 1 | |
| Surrogate | Rec. (%) | Control Limits | Qualifiers | |
| n-Octacosane | 92 | 68-140 | | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Analytical Report

Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 02/07/14
Work Order: 14-02-0466
Preparation: EPA 5030C
Method: EPA 8015B (M)
Units: ug/L

Project: DFSP - Norwalk

Page 1 of 1

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| After MX-21 | 14-02-0466-1-A | 02/07/14 09:17 | Aqueous | GC 4 | 02/07/14 | 02/07/14 20:52 | 140207B02 |

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>DF</u> | <u>Qualifiers</u> |
|------------------|---------------|-----------|-----------|-------------------|
| TPH as Gasoline | 2100 | 100 | 1 | |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------------|-----------------|-----------------------|-------------------|
| 1,4-Bromofluorobenzene | 88 | 38-134 | |

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>DF</u> | <u>Qualifiers</u> |
|------------------|---------------|-----------|-----------|-------------------|
| TPH as Gasoline | 2300 | 100 | 1 | |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------------|-----------------|-----------------------|-------------------|
| 1,4-Bromofluorobenzene | 92 | 38-134 | |

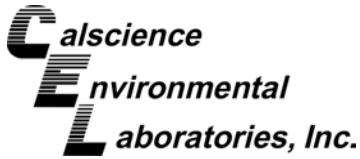
| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>DF</u> | <u>Qualifiers</u> |
|------------------|---------------|-----------|-----------|-------------------|
| TPH as Gasoline | 2300 | 100 | 1 | |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------------|-----------------|-----------------------|-------------------|
| 1,4-Bromofluorobenzene | 92 | 38-134 | |

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>DF</u> | <u>Qualifiers</u> |
|------------------|---------------|-----------|-----------|-------------------|
| TPH as Gasoline | ND | 100 | 1 | |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------------|-----------------|-----------------------|-------------------|
| 1,4-Bromofluorobenzene | 70 | 38-134 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Quality Control - Spike/Spike Duplicate

Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 02/07/14
Work Order: 14-02-0466
Preparation: EPA 5030C
Method: EPA 8015B (M)

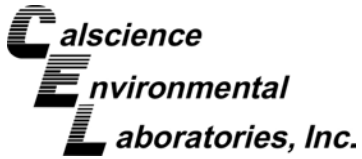
Project: DFSP - Norwalk

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number | | | | |
|---------------------------|------------------------|-------------|------------|---------------|----------------|---------------------|----------|-----|--------|------------|
| After MX-21 | Sample | Aqueous | GC 4 | 02/07/14 | 02/07/14 20:52 | 140207S02 | | | | |
| After MX-21 | Matrix Spike | Aqueous | GC 4 | 02/07/14 | 02/07/14 21:25 | 140207S02 | | | | |
| After MX-21 | Matrix Spike Duplicate | Aqueous | GC 4 | 02/07/14 | 02/07/14 21:57 | 140207S02 | | | | |
| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
| TPH as Gasoline | 2098 | 2000 | 4016 | 96 | 3956 | 93 | 68-122 | 2 | 0-18 | |

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RPD: Relative Percent Difference. CL: Control Limits



Quality Control - LCS/LCSD

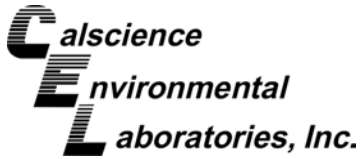
Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 02/07/14
Work Order: 14-02-0466
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: DFSP - Norwalk

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number | | | |
|---------------------------|-------------|-----------|------------|---------------|----------------|-----------------------|-----|--------|------------|
| 099-15-282-167 | LCS | Aqueous | GC 48 | 02/11/14 | 02/12/14 01:53 | 140211B05 | | | |
| 099-15-282-167 | LCSD | Aqueous | GC 48 | 02/11/14 | 02/12/14 02:09 | 140211B05 | | | |
| Parameter | Spike Added | LCS Conc. | LCS %Rec. | LCSD Conc. | LCSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
| TPH as Diesel | 4000 | 3614 | 90 | 3749 | 94 | 75-117 | 4 | 0-13 | |



Quality Control - LCS

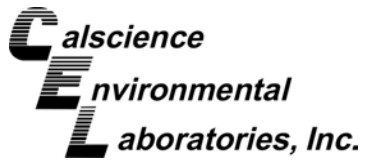
Parsons Government Services, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 02/07/14
Work Order: 14-02-0466
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project: DFSP - Norwalk

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---------------------------|------------|--------------------|------------------------|------------------|-----------------------|-------------------|
| 099-15-704-652 | LCS | Aqueous | GC 4 | 02/07/14 | 02/07/14 19:14 | 140207B02 |
| <u>Parameter</u> | | <u>Spike Added</u> | <u>Conc. Recovered</u> | <u>LCS %Rec.</u> | <u>%Rec. CL</u> | <u>Qualifiers</u> |
| TPH as Gasoline | | 2000 | 1845 | 92 | 78-120 | |



Sample Analysis Summary Report

Work Order: 14-02-0466

Page 1 of 1

| <u>Method</u> | <u>Extraction</u> | <u>Chemist ID</u> | <u>Instrument</u> | <u>Analytical Location</u> |
|---------------|-------------------|-------------------|-------------------|----------------------------|
| EPA 8015B (M) | EPA 3510C | 847 | GC 48 | 1 |
| EPA 8015B (M) | EPA 5030C | 834 | GC 4 | 2 |



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Location 1: 7440 Lincoln Way, Garden Grove, CA 92841

Location 2: 7445 Lampson Avenue, Garden Grove, CA 92841

Glossary of Terms and Qualifiers

Work Order: 14-02-0466

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| <u>Qualifiers</u> | <u>Definition</u> |
|-------------------|--|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSO or PES/PESO associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |
| | Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis. |

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of ≤ 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.



Calscience Environmental Laboratories, Inc.

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494

Other CA office locations: Concord and San Luis Obispo

For courier service / sample drop off information, contact sales@calscience.com or call us.

CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY

14-02-0466

Date 2-7-14

Page 1 of 1

LABORATORY CLIENT: Parsons

ADDRESS: 100 W. Walnut St

CITY: Pasadena STATE: CA ZIP: 91124

TEL: 626-440-6032 E-MAIL: Mary.Lucas@Parsons.com

TURNAROUND TIME:
 SAME DAY 24 HR 48 HR 72 HR STANDARD

COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS:

CLIENT PROJECT NAME / NUMBER: DFSP-Norwalk P.O. NO.: 747576-05000

PROJECT CONTACT: Mary Lucas / Cindy Zicker SAMPLER(S): (PRINT) Glenn Androsko

REQUESTED ANALYSES

Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | SAMPLING | | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | <input checked="" type="checkbox"/> TPH(g) <input type="checkbox"/> GRO | <input checked="" type="checkbox"/> TPH(d) <input type="checkbox"/> DRO | TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44 | TPH | BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/> | VOCs (8260) | Oxygenates (8260) | Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM | T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X | Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6 |
|--------------|---------------|----------|------|------------------|--------------|-------------|-----------|----------------|---|---|---|-----|--|-------------|-------------------|--|--------------|-------------------|-------------|--|--|---|
| | | DATE | TIME | | | | | | | | | | | | | | | | | | | |
| | 1 After MX-21 | 2-7-14 | 0917 | H ₂ O | 4 | 1 | 3 | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | |
| | 2 After MX-7 | ↓ | 0920 | H ₂ O | 4 | 1 | 3 | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | |
| | 3 Surge Tank | ↓ | 0925 | H ₂ O | 4 | 1 | 3 | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | |

| | | | |
|--|---|---------------------|--------------------|
| Relinquished by: (Signature) <u>Glenn Androsko</u> | Received by: (Signature/Affiliation) <u>[Signature] CEL</u> | Date: <u>2-7-14</u> | Time: <u>1245</u> |
| Relinquished by: (Signature) <u>Alex [Signature]</u> | Received by: (Signature/Affiliation) <u>[Signature] cel</u> | Date: <u>2/7/14</u> | Time: <u>13:30</u> |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

DISTRIBUTION: White with final report, Green and Yellow to Client. Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

11/01/12 Revision

WORK ORDER #: **14-02-0466**

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: PARSON'S

DATE: 02/7/14

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Temperature 2.7 °C - 0.3°C (CF) = 2.4 °C Blank Sample

Sample(s) outside temperature criteria (PM/APM contacted by: _____)

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: Air Filter

Checked by: 678

CUSTODY SEALS INTACT:

Cooler _____ No (Not Intact) Not Present N/A

Sample _____ No (Not Intact) Not Present

Checked by: 678

Checked by: 802

| SAMPLE CONDITION: | Yes | No | N/A |
|---|-------------------------------------|--------------------------|-------------------------------------|
| Chain-Of-Custody (COC) document(s) received with samples..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| COC document(s) received complete..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Collection date/time, matrix, and/or # of containers logged in based on sample labels. | | | |
| <input type="checkbox"/> No analysis requested. <input type="checkbox"/> Not relinquished. <input type="checkbox"/> No date/time relinquished. | | | |
| Sampler's name indicated on COC..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Sample container label(s) consistent with COC..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Sample container(s) intact and good condition..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Proper containers and sufficient volume for analyses requested..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Analyses received within holding time..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Aqueous samples received within 15-minute holding time | | | |
| <input type="checkbox"/> pH <input type="checkbox"/> Residual Chlorine <input type="checkbox"/> Dissolved Sulfides <input type="checkbox"/> Dissolved Oxygen..... | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Proper preservation noted on COC or sample container..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Tedlar bag(s) free of condensation..... | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

CONTAINER TYPE:

Solid: 4ozCGJ 8ozCGJ 16ozCGJ Sleeve (____) EnCores® TerraCores® _____

Aqueous: VOA VOA⁽³⁾ VOAna₂ 125AGB 125AGBh 125AGBp 1AGB 1AGBna₂ 1AGBs

500AGB 500AGJ 500AGJs 250AGB 250CGB 250CGBs 1PB 1PBna 500PB

250PB 250PBn 125PB 125PBz_{na} 100PJ 100PJna₂ _____ _____ _____

Air: Tedlar® Canister **Other:** _____ **Trip Blank Lot#:** _____ **Labeled/Checked by:** 802

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** 802

Preservative: h: HCL n: HNO₃ na₂: Na₂S₂O₃ na: NaOH p: H₃PO₄ s: H₂SO₄ u: Ultra-pure z_{na}: ZnAc₂+NaOH f: Filtered **Scanned by:** 802

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