



Transmittal

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Date: June 8, 2012 **From:** Dan Jablonski
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Subject: April 2012 Monthly Groundwater Monitoring Submittal
Project Name: Defense Fuel Support Point (DFSP) Norwalk

| Item | Description |
|------|------------------------------------------------------------------------------------------------------------------|
| 1 | Table 1 - Summary of Groundwater Elevations, Monthly Monitoring Events |
| 2 | Table 2 - Summary of Groundwater Analytical Data, April 2012 Monthly Monitoring Event |
| 3 | Table 3 - Summary of Miscellaneous Compounds Detected in Groundwater, April 2012 Monthly Monitoring Event |
| 4 | Table 4 - Summary of Total Fluids and Groundwater Extraction Pump Operation, April 2012 Monthly Monitoring Event |
| 5 | Attachment 1 – Concentration Time Series Charts – Wells PZ-5 and GMW-O-18 |

Remarks

On behalf of SFPP, L.P., an operating partnership of Kinder Morgan Energy Partners, L.P. (KMEP), CH2M HILL is transmitting the groundwater monitoring results for the April 2012 monthly monitoring event conducted at the DFSP Norwalk site. The April 2012 monthly monitoring event was conducted concurrently with the first semiannual 2012 groundwater monitoring event. The total fluids extraction (TFE)/groundwater extraction (GWE) and soil vapor extraction (SVE) systems were shut down between April 10 and April 18, 2012 to allow water levels to be collected under static conditions. Groundwater elevations and analytical data for wells monitored during this monthly monitoring event are summarized in Tables 1 through 3, and are briefly discussed below. The operation of SFPP’s extraction wells at the end of April 2012 is summarized in Table 4. Extraction from onsite well GMW-SF-9 was initiated on May 11, 2012 to enhance hydraulic containment in the southeastern area.

- 1) During this monthly monitoring event, Blaine Tech Services, Inc. (Blaine Tech) sampled wells GMW-36, GMW-O-15, GMW-O-16, GMW-O-19, and PZ-5 located in the southeastern area. Blaine Tech gauged these wells prior to sampling (under static conditions). Well GMW-O-18 was gauged but not sampled due to operational issues with the extraction pump at the time of sampling. Samples were collected from wells GMW-36 and GMW-O-15 through the wellhead sampling ports.
- 2) The TFE pumps in wells GMW-36, GMW-O-15, GMW-O-18, and GMW-SF-9 are currently on and will continue to extract groundwater in the southeastern area for treatment. Monthly

groundwater monitoring in the southeastern area will continue and groundwater conditions will continue to be evaluated as additional groundwater monitoring and remediation system operation data are obtained.

- 3) Groundwater elevations were generally higher (0.26 to 0.88 feet) since the March 2012 monitoring event. Of the wells that were gauged in the southeastern area, free product was detected in one well, GMW-O-15, which had a product thickness of 0.05 feet.
- 4) Wells GMW-36 and GMW-O-15 are used for TFE but also have been used to monitor groundwater conditions within the extent of free product in the southeastern area. Free product has historically been detected in both of these wells. Concentrations of some volatile organic compounds (VOCs) (benzene, total xylenes, methyl tertiary butyl ether [MTBE], tertiary butyl alcohol [TBA], and tertiary amyl methyl ether [TAME]), TPH quantified as gasoline (TPH-g) and TPH quantified as diesel (TPH-d) in well GMW-36 were higher than concentrations reported during March 2012. With the exception of 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and naphthalene (Table 3), all remaining VOCs were not detected above the laboratory reporting limits in this well. TPH-g, TPH-d, ethylbenzene, total xylenes, and TAME concentrations in well GMW-O-15 increased relative to March 2012 concentrations; benzene, toluene, MTBE, and TBA concentrations decreased. Fluctuation in concentrations of fuel constituents in wells with a historical presence of free product is expected depending on various factors such as water level fluctuation, groundwater extraction, and sampling methods.
- 5) Wells GMW-O-16, GMW-O-18, GMW-O-19, and PZ-5 are located outside the extent of free product, and are used to monitor the extent of dissolved-phase fuel constituents in groundwater in the southeastern area. Similar to the previous monthly monitoring events, VOCs and TPH-g were not detected in well GMW-O-19 during April 2012; TPH-d also was non-detect. A trace detection of MTBE (0.79 $\mu\text{g/L}$) was reported in well GMW-O-16 during April 2012; TPH-g, TPH-d and remaining VOCs were non-detect. In well PZ-5, TPH-g, TPH-d, benzene, toluene, ethylbenzene, total xylenes, and MTBE concentrations were lower than the concentrations reported during March 2012. The TBA concentration in well PZ-5 increased to 58,000 $\mu\text{g/L}$ in April 2012, but was still within the historical range of TBA concentrations in this well. As mentioned above in Bullet 1, a groundwater sample was not collected from extraction well GMW-O-18 in April 2012 due to operational issues with the extraction pump during the time of sampling. Concentration time series charts for wells PZ-5 and GMW-O-18 are included in Attachment 1. Fluctuation of contaminant concentrations in well GMW-O-18 is likely due to operation of the extraction pump in this well. Expansion of TFE to include well GMW-O-18 occurred in April 2010, which is generally consistent with the time period when the variability in concentrations was first apparent.
- 6) Eight equipment blanks and six trip blank samples were collected during the first semiannual sampling event. No VOCs, TPH-g, or TPH-d were detected at or above laboratory reporting limits in the equipment or trip blank samples.

Please contact Dan Jablonski at 213.228.8271 if you have any questions.

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TABLE 1

**SUMMARY OF GROUNDWATER ELEVATIONS
MONTHLY MONITORING EVENTS**
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-36 | 03/15/10 | 74.53 | --- | 26.80 | --- | 47.73 |
| | 04/16/10 | 74.53 | --- | 26.90 | --- | 47.63 |
| | 05/24/10 | 74.53 | 25.90 | 25.96 | 0.06 | NC |
| | 05/28/10 | 74.53 | 25.88 | 25.94 | 0.06 | NC |
| | 06/22/10 | 74.53 | 25.91 | 25.94 | 0.03 | NC |
| | 07/12/10 | 74.53 | NM | NM | NC | NC |
| | 08/12/10 | 74.53 | NM | NM | NC | NC |
| | 09/20/10 | 74.53 | NM | NM | NC | NC |
| | 10/04/10 | 74.53 | --- | 26.90 | --- | 47.63 |
| | 11/23/10 | 74.53 | 27.1 | 27.35 | 0.25 | NC |
| | 12/22/10 | 74.53 | 26.84 | 28.35 | 1.51 | NC |
| | 01/10/11 | 74.53 | 27.70 | 29.10 | 1.40 | NC |
| | 02/24/11 | 74.53 | NM | NM | NC | NC |
| | 03/23/11 | 74.53 | NM | NM | NC | NC |
| | 04/12/11 | 74.53 | 25.05 | 26.98 | 1.93 | NC |
| | 05/13/11 | 74.53 | NM | NM | NC | NC |
| | 06/22/11 | 74.53 | NM | NM | NC | NC |
| | 07/11/11 | 74.53 | NM | NM | NC | NC |
| | 08/19/11 | 74.53 | NM | NM | NC | NC |
| | 09/22/11 | 74.53 | NM | NM | NC | NC |
| 10/10/11 | 74.53 | --- | 25.96 | --- | 48.57 | |
| 11/28/11 | 74.53 | NM | NM | NC | NC | |
| 12/21/11 | 74.53 | --- | 28.17 ¹ | --- | 46.36 ¹ | |
| 01/09/12 | 74.53 | --- | 27.26 ¹ | --- | 47.27 ¹ | |
| 02/23/12 | 74.53 | --- | 27.85 | --- | 46.68 | |
| 03/28/12 | 74.53 | --- | NM | --- | NC | |
| 04/16/12 | 74.53 | --- | 27.34 | --- | 47.19 | |
| GMW-O-15 | 03/15/10 | 74.23 | --- | NM | --- | NC |
| | 04/16/10 | 74.23 | --- | 23.10 | --- | 51.13 |
| | 05/24/10 | 74.23 | --- | 25.67 | --- | 48.56 |
| | 05/28/10 | 74.23 | --- | 25.35 | --- | 48.88 |
| | 06/22/10 | 74.23 | --- | 25.81 | --- | 48.42 |
| | 07/12/10 | 74.23 | NM | NM | NC | NC |
| | 08/12/10 | 74.23 | NM | NM | NC | NC |
| | 09/20/10 | 74.23 | NM | NM | NC | NC |
| | 10/04/10 | 74.23 | 25.80 | 25.85 | 0.05 | NC |
| | 11/23/10 | 74.23 | NM | NM | NC | NC |
| | 12/22/10 | 74.23 | --- | 26.31 | --- | 47.92 |
| | 01/10/11 | 74.23 | --- | 25.97 | --- | 48.26 |
| | 02/24/11 | 74.23 | NM | NM | NC | NC |
| | 03/23/11 | 74.23 | NM | NM | NC | NC |
| | 04/12/11 | 74.23 | 22.53 | 22.55 | 0.02 | NC |
| | 05/13/11 | 74.23 | NM | NM | NC | NC |
| | 06/22/11 | 74.23 | NM | NM | NC | NC |
| | 07/11/11 | 74.23 | NM | NM | NC | NC |
| | 08/19/11 | 74.23 | NM | NM | NC | NC |
| | 09/22/11 | 74.23 | NM | NM | NC | NC |
| 10/10/11 | 74.23 | 23.22 | 23.79 | 0.57 | 50.44 | |
| 11/28/11 | 74.23 | NM | NM | NC | NC | |
| 12/21/11 | 74.23 | --- | 31.13 ¹ | --- | 43.10 ¹ | |
| 01/09/12 | 74.23 | --- | 27.67 ¹ | --- | 46.56 ¹ | |
| 02/23/12 | 74.23 | --- | 31.82 ¹ | --- | 42.41 ¹ | |
| 03/28/12 | 74.23 | --- | 30.30 ¹ | --- | 43.93 ¹ | |
| 04/16/12 | 74.23 | 26.51 | 26.56 | 0.05 | NC | |
| GMW-O-16 | 03/15/10 | 74.10 | --- | 26.30 | --- | 47.80 |
| | 04/16/10 | 74.10 | --- | 25.20 | --- | 48.90 |
| | 05/24/10 | 74.10 | --- | 25.14 | --- | 48.96 |
| | 05/28/10 | 74.10 | --- | 25.13 | --- | 48.97 |
| | 06/22/10 | 74.10 | --- | 25.55 | --- | 48.55 |
| | 07/12/10 | 74.10 | --- | 26.32 | --- | 47.78 |

TABLE 1

**SUMMARY OF GROUNDWATER ELEVATIONS
MONTHLY MONITORING EVENTS**
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-O-16 | 08/12/10 | 74.10 | --- | 26.43 | --- | 47.67 |
| | 09/20/10 | 74.10 | --- | 26.95 | --- | 47.15 |
| | 10/04/10 | 74.10 | --- | 26.10 | --- | 48.00 |
| | 11/16/10 | 74.10 | --- | 26.58 | --- | 47.52 |
| | 12/22/10 | 74.10 | --- | 27.00 | --- | 47.10 |
| | 01/10/11 | 74.10 | --- | 26.42 | --- | 47.68 |
| | 02/24/11 | 74.10 | --- | 26.02 | --- | 48.08 |
| | 03/23/11 | 74.10 | --- | 25.99 | --- | 48.11 |
| | 04/11/11 | 74.10 | --- | 24.66 | --- | 49.44 |
| | 05/13/11 | 74.10 | --- | 25.76 | --- | 48.34 |
| | 06/22/11 | 74.10 | --- | 25.89 | --- | 48.21 |
| | 07/11/11 | 74.10 | --- | 26.00 | --- | 48.10 |
| | 08/19/11 | 74.10 | --- | 25.63 | --- | 48.47 |
| | 09/22/11 | 74.10 | --- | 26.32 | --- | 47.78 |
| | 10/10/11 | 74.10 | --- | 25.53 | --- | 48.57 |
| | 11/28/11 | 74.10 | --- | 26.42 | --- | 47.68 |
| | 12/21/11 | 74.10 | --- | 27.05 | --- | 47.05 |
| 01/09/12 | 74.10 | --- | 26.98 | --- | 47.12 | |
| 02/23/12 | 74.10 | --- | 27.56 | --- | 46.54 | |
| 03/28/12 | 74.10 | --- | 27.50 | --- | 46.60 | |
| 04/16/12 | 74.10 | --- | 26.62 | --- | 47.48 | |
| GMW-O-18 | 03/15/10 | 74.36 | --- | 26.54 | --- | 47.82 |
| | 04/16/10 | 74.36 | --- | 24.25 | --- | 50.11 |
| | 05/24/10 | 74.36 | --- | 26.26 | --- | 48.10 |
| | 05/28/10 | 74.36 | --- | 26.03 | --- | 48.33 |
| | 06/22/10 | 74.36 | --- | 26.41 | --- | 47.95 |
| | 07/12/10 | 74.36 | NM | NM | NC | NC |
| | 08/12/10 | 74.36 | NM | NM | NC | NC |
| | 09/20/10 | 74.36 | NM | NM | NC | NC |
| | 10/04/10 | 74.36 | --- | 29.95 | --- | 44.41 |
| | 11/16/10 | 74.36 | NM | NM | NC | NC |
| | 12/22/10 | 74.36 | NM | NM | NC | NC |
| | 01/10/11 | 74.36 | NM | NM | NC | NC |
| | 02/24/11 | 74.36 | NM | NM | NC | NC |
| | 03/23/11 | 74.36 | NM | NM | NC | NC |
| | 04/12/11 | 74.36 | NM | NM | NC | NC |
| | 05/13/11 | 74.36 | NM | NM | NC | NC |
| | 06/22/11 | 74.36 | NM | NM | NC | NC |
| | 07/11/11 | 74.36 | NM | NM | NC | NC |
| | 08/19/11 | 74.36 | NM | NM | NC | NC |
| | 09/22/11 | 74.36 | NM | NM | NC | NC |
| 10/10/11 | 74.36 | --- | 23.68 | --- | 50.68 | |
| 11/28/11 | 74.36 | NM | NM | NC | NC | |
| 12/21/11 | 74.36 | --- | 27.14 ¹ | --- | 47.22 ¹ | |
| 01/09/12 | 74.36 | NM | NM | NC | NC | |
| 02/23/12 | 74.36 | --- | 31.18 ¹ | --- | 43.18 ¹ | |
| 03/28/12 | 74.36 | --- | NM | --- | NC | |
| 04/16/12 | 74.36 | --- | 27.10 | --- | 47.26 | |
| GMW-O-19 | 03/15/10 | 74.46 | --- | 26.16 | --- | 48.30 |
| | 04/16/10 | 74.46 | --- | 25.30 | --- | 49.16 |
| | 05/24/10 | 74.46 | --- | 25.53 | --- | 48.93 |
| | 05/28/10 | 74.46 | --- | 25.47 | --- | 48.99 |
| | 06/22/10 | 74.46 | --- | 25.64 | --- | 48.82 |
| | 07/12/10 | 74.46 | --- | 26.04 | --- | 48.42 |
| | 08/12/10 | 74.46 | --- | 26.23 | --- | 48.23 |
| | 09/20/10 | 74.46 | --- | 26.52 | --- | 47.94 |
| | 10/04/10 | 74.46 | --- | 26.31 | --- | 48.15 |
| | 11/16/10 | 74.46 | --- | 26.67 | --- | 47.79 |
| | 12/22/10 | 74.46 | --- | 26.70 | --- | 47.76 |
| 01/10/11 | 74.46 | --- | 26.37 | --- | 48.09 | |

TABLE 1

**SUMMARY OF GROUNDWATER ELEVATIONS
MONTHLY MONITORING EVENTS**
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-O-19 | 02/24/11 | 74.46 | --- | 25.55 | --- | 48.91 |
| | 03/23/11 | 74.46 | --- | 25.29 | --- | 49.17 |
| | 04/11/11 | 74.46 | --- | 24.75 | --- | 49.71 |
| | 05/13/11 | 74.46 | --- | 25.11 | --- | 49.35 |
| | 06/22/11 | 74.46 | --- | 25.27 | --- | 49.19 |
| | 07/11/11 | 74.46 | --- | 25.42 | --- | 49.04 |
| | 08/19/11 | 74.46 | --- | 25.32 | --- | 49.14 |
| | 09/22/11 | 74.46 | --- | 25.82 | --- | 48.64 |
| | 10/10/11 | 74.46 | --- | 25.40 | --- | 49.06 |
| | 11/28/11 | 74.46 | --- | 25.96 | --- | 48.50 |
| | 12/21/11 | 74.46 | --- | 26.43 | --- | 48.03 |
| | 01/09/12 | 74.46 | --- | 26.56 | --- | 47.90 |
| | 02/23/12 | 74.46 | --- | 27.08 | --- | 47.38 |
| 03/28/12 | 74.46 | --- | 27.14 | --- | 47.32 | |
| 04/16/12 | 74.46 | --- | 26.88 | --- | 47.58 | |
| PZ-5 | 03/15/10 | 73.97 | --- | 25.99 | --- | 47.98 |
| | 04/16/10 | 73.97 | --- | 25.12 | --- | 48.85 |
| | 05/24/10 | 73.97 | --- | 25.71 | --- | 48.26 |
| | 05/28/10 | 73.97 | --- | 25.68 | --- | 48.29 |
| | 06/22/10 | 73.97 | --- | 25.54 | --- | 48.43 |
| | 07/12/10 | 73.97 | --- | 26.09 | --- | 47.88 |
| | 08/12/10 | 73.97 | --- | 26.16 | --- | 47.81 |
| | 09/20/10 | 73.97 | --- | 26.52 | --- | 47.45 |
| | 10/04/10 | 73.97 | --- | 25.98 | --- | 47.99 |
| | 11/16/10 | 73.97 | --- | 26.46 | --- | 47.51 |
| | 12/22/10 | 73.97 | --- | 25.12 | --- | 48.85 |
| | 01/10/11 | 73.97 | --- | 26.54 | --- | 47.43 |
| | 02/24/11 | 73.97 | --- | 25.55 | --- | 48.42 |
| | 03/23/11 | 73.97 | --- | 25.28 | --- | 48.69 |
| | 04/11/11 | 73.97 | --- | 24.70 | --- | 49.27 |
| | 05/13/11 | 73.97 | --- | 25.21 | --- | 48.76 |
| | 06/22/11 | 73.97 | --- | 25.37 | --- | 48.60 |
| | 07/11/11 | 73.97 | --- | 25.47 | --- | 48.50 |
| | 08/19/11 | 73.97 | --- | 25.35 | --- | 48.62 |
| | 09/22/11 | 73.97 | --- | 25.96 | --- | 48.01 |
| 10/10/11 | 73.97 | --- | 25.55 | --- | 48.42 | |
| 11/28/11 | 73.97 | --- | 26.16 | --- | 47.81 | |
| 12/21/11 | 73.97 | --- | 26.48 | --- | 47.49 | |
| 01/09/12 | 73.97 | --- | 26.47 | --- | 47.50 | |
| 02/23/12 | 73.97 | --- | 27.27 | --- | 46.70 | |
| 03/28/12 | 73.97 | --- | 27.10 | --- | 46.87 | |
| 04/16/12 | 73.97 | --- | 26.59 | --- | 47.38 | |

Notes

¹ = pump in well was in operation during water level gauging

--- = not detected or not applicable.

feet btoc = feet below top of casing.

feet msl = feet above mean sea level based on the National Geodetic Vertical Datum of 1929.

NC = not calculated.

NM = not measured since extraction pump was in operation.

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL DATA
APRIL 2012 MONTHLY MONITORING EVENT
 Defense Fuel Support Point Norwalk
 Norwalk, California

Results reported in micrograms per liter (µg/L)

| Sample ID | Date | TPH-g | TPH-fp | TPH-d | Benzene | Toluene | Ethyl-benzene | Total Xylenes ¹ | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
|-----------------------|-------------------------|---------|---------|-------|---------|---------|---------------|----------------------------|---------|--------|--------|------|------|------|
| GMW-36 | 07/10/97 | 430 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 01/09/98 | 4,000 | --- | --- | 22 | 21 | 6.1 | 100 | <5 | 7,700 | --- | --- | --- | --- |
| | 05/20/98 | 1,400 | --- | --- | <0.3 | <0.3 | <10 | <20 | <0.5 | 19,600 | --- | --- | --- | --- |
| | 11/17/98 | 7,900 | 6,650 | --- | 2,100 | 1,370 | 70 | 650 | <50 | 34,800 | --- | --- | --- | --- |
| | 05/07/99 | 2,800 | --- | --- | <10 | <10 | <10 | <10 | <25 | 14,000 | --- | --- | --- | --- |
| | 11/18/99 | 51,000 | 22,000 | --- | 8,100 | 5,600 | <250 | 1,770 | <250 | 47,000 | --- | --- | --- | --- |
| | 05/17/00 | 59,000 | 53,000 | --- | 14,000 | 6,700 | 480 | 4,100 | <130 | 45,000 | --- | --- | --- | --- |
| | 11/30/00 | 110,000 | 66,000 | --- | 20,000 | 19,000 | 1,600 | 8,100 | <0.5 | 13,000 | --- | --- | --- | --- |
| | 02/06/01 | 75,000 | 55,000 | --- | 18,000 | 13,000 | 1,400 | 6,100 | <50 | 9,100 | --- | --- | --- | --- |
| | 05/10/01 | 12,000 | 5,100 | --- | 3,700 | 2,500 | 420 | 1,730 | <0.5 | 1,600 | --- | --- | --- | --- |
| | 09/19/01 | 21,000 | 37,000 | --- | 5,800 | 3,600 | 580 | 2,080 | <13 | 1,000 | --- | --- | --- | --- |
| | 11/06/01 | 63,000 | 40,000 | --- | 16,000 | 13,000 | 1,600 | 7,700 | <25 | 3,200 | --- | --- | --- | --- |
| | 01/30/02 | 130,000 | 68,000 | --- | 21,000 | 20,000 | 1,700 | 9,000 | <125 | 42,000 | --- | --- | --- | --- |
| | 04/10/02 | 150,000 | 49,000 | --- | 25,000 | 22,000 | 1,800 | 10,000 | <50 | 67,000 | --- | --- | --- | --- |
| | 07/30/02 | 81,000 | 110,000 | --- | 28,000 | 29,000 | 2,200 | 11,800 | <50 | 37,000 | --- | --- | --- | --- |
| | 12/06/06 | 32,000 | 10,000 | --- | 5,300 | 4,300 | 480 | 4,300 | <50 | 1,600 | --- | --- | --- | --- |
| | 03/13/07 | 54,000 | 7,200 | --- | 9,400 | 12,000 | 1,100 | 8,200 | <200 | 3,800 | --- | --- | --- | --- |
| | 05/05/07 | 69,000 | 11,000 | --- | 9,800 | 11,000 | 1,200 | 8,000 | <200 | 3,900 | --- | --- | --- | --- |
| | 08/29/07 | 30,000 | 9,800 | --- | 4,100 | 4,200 | 420 | 4,500 | 120 | 890 | --- | --- | --- | --- |
| | 02/20/08 | 34,000 | 9,100 | --- | 3,900 | 6,000 | 750 | 4,600 | <50 | 43 | --- | --- | --- | --- |
| | 04/16/08 | 42,000 | 11,000 | --- | 5,200 | 8,300 | 940 | 6,200 | <200 | <100 | --- | --- | --- | --- |
| | 10/16/08 | 17,000 | 32,000 | --- | 2,100 | 2,000 | 160 | 2,300 | <20 | 26 | --- | --- | --- | --- |
| | 07/22/09 | 24,000 | 15,000 | --- | 3,800 | 5,400 | 720 | 3,380 | <50 | 28 | <500 | <50 | <50 | <50 |
| | 03/16/10 | 8,000 | 22,000 | --- | 830 | 1,100 | 140 | 700 | <10 | 16 | 690 | <10 | <10 | <10 |
| | 04/16/10 | 4,200 | 25,000 | --- | 850 | 150 | 89 | 200 | <5.0 | 11 | 3,700 | <5.0 | <5.0 | <5.0 |
| | 05/24/10 | NS | NS | --- | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 06/25/10 ^{2,3} | 14,000 | 43,000 | --- | 1,100 | 1,500 | 160 | 1,260 | <20 | 11 | 2,700 | <20 | <20 | <20 |
| | 07/13/10 ² | 500 | 4,500 | --- | 49 | 51 | 4.9 | 68 | <0.5 | 0.91 | 340 | <1.0 | <1.0 | <1.0 |
| | 08/12/10 ² | 9,200 | 2,200 | --- | 1,400 | 1,100 | 52 | 1,580 | <10 | 18 | 1,600 | <10 | <10 | <10 |
| | 09/20/10 ² | 3,300 | 5,200 | --- | 130 | 18 | 36 | 260 | <1.0 | 130 | 13,000 | <1.0 | <1.0 | 1.6 |
| | 10/5/2010 ² | 15,000 | 3,100 | --- | 2,500 | 1,300 | 390 | 1,790 | <20 | 30 | 1,300 | <20 | <20 | <20 |
| | 11/23/10 | 31,000 | 21,000 | --- | 5,100 | 3,400 | 890 | 3,900 | <40 | 51 | 470 | <40 | <40 | <40 |
| | 12/22/10 | 63,000 | 73,000 | --- | 6,700 | 9,600 | 1,700 | 8,300 | <50 | 28 | <500 | <50 | <50 | <50 |
| 01/12/11 | 320,000 | 130,000 | --- | 4,600 | 2,900 | 1,400 | 13,300 | <200 | <100 | <2000 | <200 | <200 | <200 | |
| 02/24/11 ² | 1,600 | 3,900 | --- | 110 | 77 | 19 | 188 | <1.0 | 3 | 2,200 | <1.0 | <1.0 | <1.0 | |
| 03/23/11 ² | 3,200 | 2,900 | --- | 360 | 340 | 28 | 360 | <3.0 | 7.6 | 2,400 | <3.0 | <3.0 | <3.0 | |
| 04/29/11 ² | 1,500 | 10,000 | --- | 75 | 67 | 6.8 | 113 | <0.5 | 3.3 | 1,700 | <1.0 | <1.0 | <1.0 | |
| 05/13/11 ² | 13,000 | 11,000 | --- | 2,300 | 2,100 | 93.0 | 1,640 | <20 | 43 | <200 | <20 | <20 | <20 | |
| 06/22/11 ² | 420 | 1,500 | --- | 24 | 12 | 2.8 | 29 | <0.5 | 110 | 5,900 | <1.0 | <1.0 | <1.0 | |
| 07/29/11 ² | 7,300 | 3,200 | --- | 560 | 570 | 61.0 | 990 | <10 | 350 | 4,600 | <10 | <10 | <10 | |
| 08/19/11 ² | 13,000 | 6,200 | --- | 570 | 1,100 | 250.0 | 1,890 | <20 | 260 | 9,000 | <20 | <20 | <20 | |
| 09/22/11 ² | 5,200 | 2,200 | --- | 490 | 240 | 52.0 | 470 | <5.0 | 660 | 7,400 | <5.0 | <5.0 | 17 | |
| 10/13/11 ² | 22,000 | 160,000 | --- | 610 | 490 | 430.0 | 2,200 | <20 | 250 | 3,700 | <20 | <20 | 43 | |
| 11/23/11 ² | 630 | 34,000 | --- | 17 | <2.5 | <2.5 | 14 | <5.0 | 110 | 6,000 | <5.0 | <5.0 | <5.0 | |

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL DATA
APRIL 2012 MONTHLY MONITORING EVENT
 Defense Fuel Support Point Norwalk
 Norwalk, California

Results reported in micrograms per liter (µg/L)

| Sample ID | Date | TPH-g | TPH-fp | TPH-d | Benzene | Toluene | Ethyl-benzene | Total Xylenes ¹ | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
|-----------------------|------------------------|--------|---------|-------|---------|---------|---------------|----------------------------|---------|-------|--------|------|------|------|
| GMW-36 | 12/21/11 ² | 700 | 560 | --- | 59 | 55 | 14 | 65 | <0.50 | 2.1 | 340 | <1.0 | <1.0 | <1.0 |
| | 1/10/12 ² | 380 | 290 | --- | 78 | 1.6 | 5.1 | 13 | <0.50 | 94 | 4,900 | <1.0 | <1.0 | 1.3 |
| | 02/23/12 | 45,000 | 14,000 | --- | 5,600 | 8,900 | 1,700 | 6,600 | <200 | <100 | <2,000 | <200 | <200 | <200 |
| | 03/28/12 ² | 220 | --- | 400 | 3.5 | 4.1 | 1.2 | 6.3 | <0.50 | 1.5 | 130 | <1.0 | <1.0 | <1.0 |
| GMW-O-15 | 04/27/12 ² | 1,300 | --- | 710 | 43 | <0.50 | 3 | 35 | <1.0 | 64 | 4,200 | <1.0 | <1.0 | 1.2 |
| | 10/16/08 | 1,700 | 2,800 | --- | 550 | 3 | 37 | 34.1 | <5.0 | 110 | --- | --- | --- | --- |
| | 03/16/10 ² | 530 | 8,900 | --- | 10 | 1.1 | 0.64 | 2.7 | <0.50 | 400 | <10 | <1.0 | <1.0 | 1.9 |
| | 04/16/10 | 6,700 | 62,000 | --- | 1,700 | 54 | 120 | 176 | <10 | 1,300 | 1,800 | <10 | <10 | 11 |
| | 05/25/10 | 650 | 5,600 | --- | 82 | 16 | 8.4 | 44 | <2.0 | 180 | 1,500 | <2.0 | <2.0 | <2.0 |
| | 06/25/10 ² | 490 | 900 | --- | 96 | 9.7 | 9.6 | 33.4 | <1.0 | 240 | 2,900 | <1.0 | <1.0 | 1.1 |
| | 07/13/10 ² | 580 | 250 | --- | 110 | 7.5 | 11 | 33.7 | <1.0 | 300 | 5,100 | <1.0 | <1.0 | 1.5 |
| | 08/12/10 ² | 710 | 370 | --- | 120 | 4.1 | 10 | 43 | <1.0 | 260 | 5,300 | <1.0 | <1.0 | 1.5 |
| | 09/20/10 ² | 620 | 500 | --- | 120 | 3.3 | 13 | 29.4 | <1.0 | 230 | 6,000 | <1.0 | <1.0 | 1.4 |
| | 10/5/2010 ² | 14,000 | 6,000 | --- | 1,800 | 280 | 92 | 1,120 | <20 | 3,200 | 3,000 | <20 | <20 | 35 |
| | 11/23/10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 12/22/10 | 28,000 | 19,000 | --- | 3,900 | 610 | 850 | 4,200 | <40 | 1,900 | 1,300 | <40 | <40 | <40 |
| | 01/12/11 | 12,000 | 15,000 | --- | 1,300 | 49 | 280 | 1,030 | <20 | 430 | 12,000 | <20 | <20 | <20 |
| | 02/24/11 ² | 12,000 | 10,000 | --- | 700 | 450 | 310 | 1,770 | <1.0 | 970 | 4,100 | <1.0 | <1.0 | 20 |
| | 03/23/11 ² | 2,400 | 4,300 | --- | 210 | 47 | 39 | 250 | <2.0 | 310 | 3,600 | <2.0 | <2.0 | 5.2 |
| | 04/29/11 ² | 1,200 | 1,500 | --- | 250 | 27 | 27 | 154 | <2.0 | 350 | 3,900 | <2.0 | <2.0 | 2.4 |
| | 05/13/11 ² | 1,300 | 1,600 | --- | 200 | 18 | 22 | 127 | <2.0 | 350 | 6,600 | <2.0 | <2.0 | 3.6 |
| | 06/22/11 ² | 1,800 | 1,200 | --- | 190 | 95 | 34 | 219 | <1.0 | 310 | 6,800 | <1.0 | <1.0 | 1.8 |
| | 07/12/11 ² | 1,000 | 970 | --- | 150 | 17 | 14 | 97 | <2.0 | 220 | 6,400 | <2.0 | <2.0 | <2.0 |
| | 08/19/11 ² | 33,000 | 550,000 | --- | 820 | 2,200 | 610 | 4,400 | <50 | 290 | 9,200 | <50 | <50 | <50 |
| | 09/22/11 ² | 3,400 | 1,000 | --- | 480 | 290 | 58 | 325 | <5.0 | 640 | 6,800 | <5.0 | <5.0 | 10 |
| | 10/13/11 ² | 3,900 | 1,600 | --- | 530 | 290 | 73 | 460 | <10 | 220 | 3,200 | <10 | <10 | <10 |
| | 12/21/11 ² | 520 | 570 | --- | 110 | 2 | 6 | 22 | <2.0 | 79 | 5,300 | <2.0 | <2.0 | <2.0 |
| | 1/10/12 ² | 470 | 1,200 | --- | 110 | 1.3 | 6.9 | 15 | <1.0 | 86 | 4,300 | <1.0 | <1.0 | 1.2 |
| 02/23/12 ² | 4,800 | 6,900 | --- | 340 | 390 | 85 | 600 | <5.0 | 110 | 4,000 | <5.0 | <5.0 | 17 | |
| 03/28/12 ² | 1,300 | --- | 120 | 230 | 68 | 13 | 110 | <2.0 | 99 | 4,600 | <2.0 | <2.0 | <2.0 | |
| 04/27/12 ² | 2,100 | --- | 1,300 | 180 | 67 | 16 | 160 | <1.0 | 49 | 4,300 | <1.0 | <1.0 | 1.0 | |
| GMW-O-16 | 11/27/96 | --- | --- | --- | 570 | 67 | 14 | 360 | <5.0 | 120 | --- | --- | --- | --- |
| | 07/17/97 | <100 | --- | --- | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 | 310 | --- | --- | --- | --- |
| | 01/06/98 | <100 | --- | --- | <0.5 | <0.5 | <0.5 | <1.5 | <0.5 | <5.0 | --- | --- | --- | --- |
| | 01/09/98 | 4,600 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 05/20/98 | <300 | --- | --- | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 | 76 | --- | --- | --- | --- |
| | 11/13/98 | <300 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 0.7 | --- | --- | --- | --- |
| | 05/07/99 | <500 | --- | --- | 0.66 | <0.5 | <0.5 | 0.72 | <1.0 | 7.6 | --- | --- | --- | --- |
| | 11/18/99 | <416 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- |
| | 05/17/00 | <300 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 0.8 | --- | --- | --- | --- |
| | 11/30/00 | <300 | <100 | --- | 0.8 | <0.5 | <0.5 | <0.5 | <0.5 | 0.6 | --- | --- | --- | --- |
| | 05/10/01 | <300 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- |
| | 04/10/02 | <300 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- |

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL DATA
APRIL 2012 MONTHLY MONITORING EVENT
 Defense Fuel Support Point Norwalk
 Norwalk, California

Results reported in micrograms per liter (µg/L)

| Sample ID | Date | TPH-g | TPH-fp | TPH-d | Benzene | Toluene | Ethyl-benzene | Total Xylenes ¹ | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
|-----------|----------|-------|--------|-------|---------|---------|---------------|----------------------------|---------|-------|------|------|------|------|
| GMW-O-16 | 10/22/02 | <300 | <100 | --- | 1.6 | 0.98 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- |
| | 04/09/03 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- |
| | 10/07/03 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- |
| | 04/22/04 | <50 | 3,600 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- |
| | 07/20/04 | --- | <100 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 11/02/04 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- |
| | 05/05/05 | 92 | <100 | --- | 1.6 | <0.5 | <0.5 | <0.5 | <0.5 | 110 | --- | --- | --- | --- |
| | 08/02/05 | 57 | <100 | --- | 1.3 | <0.5 | <0.5 | <0.5 | <0.5 | 93 | --- | --- | --- | --- |
| | 11/02/05 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 57 | --- | --- | --- | --- |
| | 02/28/06 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 5.3 | --- | --- | --- | --- |
| | 05/04/06 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 6.3 | --- | --- | --- | --- |
| | 09/19/06 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 0.57 | --- | --- | --- | --- |
| | 12/05/06 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- |
| | 05/05/07 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- |
| | 11/14/07 | <50 | 1,400 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- |
| | 02/07/08 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 0.68 | --- | --- | --- | --- |
| | 04/16/08 | <50 | <100 | --- | <0.5 | 1.2 | 0.59 | 5.5 | <0.5 | 0.63 | --- | --- | --- | --- |
| | 10/14/08 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | 0.6 | <0.5 | 0.65 | --- | --- | --- | --- |
| | 04/23/09 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 0.55 | <10 | <1.0 | <1.0 | <1.0 |
| | 10/21/09 | <50 | 250 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 |
| | 03/16/10 | <50 | 140 | --- | <0.50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| | 04/16/10 | <50 | <100 | --- | <0.50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| | 05/26/10 | <50 | 120 | --- | <0.50 | <0.5 | <0.5 | <0.5 | <0.5 | 0.88 | <10 | <1.0 | <1.0 | <1.0 |
| | 06/22/10 | <50 | <100 | --- | <0.50 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | <10 | <1.0 | <1.0 | <1.0 |
| | 07/13/10 | <50 | <100 | --- | 0.73 | <0.5 | <0.5 | <0.5 | <0.5 | 1.9 | <10 | <1.0 | <1.0 | <1.0 |
| | 08/12/10 | <50 | <100 | --- | 0.50 | <0.5 | <0.5 | <0.5 | <0.5 | 2.3 | <10 | <1.0 | <1.0 | <1.0 |
| | 09/20/10 | <50 | 170 | --- | 0.69 | <0.5 | <0.5 | <0.5 | <0.5 | 3.1 | <10 | <1.0 | <1.0 | <1.0 |
| | 10/06/10 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.3 | <10 | <1.0 | <1.0 | <1.0 |
| | 11/16/10 | <50 | 160 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 4 | <10 | <1.0 | <1.0 | <1.0 |
| | 12/22/10 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 2 | <10 | <1.0 | <1.0 | <1.0 |
| | 01/11/11 | <50 | <100 | --- | 0.52 | <0.5 | <0.5 | <0.5 | <0.5 | 0.94 | <10 | <1.0 | <1.0 | <1.0 |
| | 02/24/11 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 0.67 | <10 | <1.0 | <1.0 | <1.0 |
| | 03/23/11 | <50 | 100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.6 | <10 | <1.0 | <1.0 | <1.0 |
| 04/12/11 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.3 | <10 | <1.0 | <1.0 | <1.0 | |
| 05/13/11 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.8 | <10 | <1.0 | <1.0 | <1.0 | |
| 06/22/11 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.9 | <10 | <1.0 | <1.0 | <1.0 | |
| 07/12/11 | <50 | 120 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.8 | <10 | <1.0 | <1.0 | <1.0 | |
| 08/19/11 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.5 | <10 | <1.0 | <1.0 | <1.0 | |
| 09/22/11 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 2.9 | <10 | <1.0 | <1.0 | <1.0 | |
| 10/11/11 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.1 | <10 | <1.0 | <1.0 | <1.0 | |
| 11/28/11 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.3 | <10 | <1.0 | <1.0 | <1.0 | |
| 12/21/11 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | 0.5 | <0.5 | 1.8 | <10 | <1.0 | <1.0 | <1.0 | |
| 01/09/12 | <50 | <100 | --- | <0.50 | <0.50 | <0.50 | 1.4 | <0.50 | 3.4 | <10 | <1.0 | <1.0 | <1.0 | |
| 02/23/12 | <50 | <100 | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.3 | <10 | <1.0 | <1.0 | <1.0 | |
| 03/28/12 | <50 | --- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2 | <10 | <1.0 | <1.0 | <1.0 | |
| 04/18/12 | <50 | --- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.79 | <10 | <1.0 | <1.0 | <1.0 | |

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APRIL 2012 MONTHLY MONITORING EVENT
 Defense Fuel Support Point Norwalk
 Norwalk, California

Results reported in micrograms per liter (µg/L)

| Sample ID | Date | TPH-g | TPH-fp | TPH-d | Benzene | Toluene | Ethyl- benzene | Total Xylenes ¹ | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
|-----------------------|-----------------------|---------|--------|-------|---------|---------|-------------------|-------------------------------|---------|--------|--------|------|------|------|
| GMW-O-18 | 11/26/96 | --- | --- | --- | <10 | <10 | <10 | <30 | <10 | 10,000 | --- | --- | --- | --- |
| | 11/27/96 | --- | --- | --- | <10 | 66 | <10 | <30 | <5 | 120 | --- | --- | --- | --- |
| | 07/11/97 | <100 | --- | --- | <3 | <3 | <3 | <3 | <3 | 3,000 | --- | --- | --- | --- |
| | 01/07/98 | <100 | --- | --- | <5 | <5 | <5 | <15 | <5 | 3,200 | --- | --- | --- | --- |
| | 05/21/98 | 2,000 | --- | --- | <100 | <100 | <100 | <200 | <100 | 5,600 | --- | --- | --- | --- |
| | 11/17/98 | 543 | <100 | --- | <0.5 | 1 | <0.5 | 2.6 | <0.5 | 1,420 | --- | --- | --- | --- |
| | 05/06/99 | 2,700 | --- | --- | <5 | <5 | <5 | <5 | <13 | 15,000 | --- | --- | --- | --- |
| | 11/18/99 | 2,900 | <100 | --- | <13 | <12.5 | <12.5 | <12.5 | <13 | 6,700 | --- | --- | --- | --- |
| | 05/19/00 | 3,500 | <100 | --- | <25 | <25 | <25 | <25 | <25 | 10,000 | --- | --- | --- | --- |
| | 11/02/05 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.4 | --- | --- | --- | --- |
| | 05/09/06 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 2.1 | --- | --- | --- | --- |
| | 12/07/06 | <100 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <1 | 0.65 | --- | --- | --- | --- |
| | 05/04/07 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 0.62 | --- | --- | --- | --- |
| | 11/15/07 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.6 | --- | --- | --- | --- |
| | 04/15/08 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- |
| | 10/15/08 | <200 | <100 | --- | <1 | <1 | <1 | <1 | <2 | <1 | --- | --- | --- | --- |
| | 04/23/09 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1 | 140 | <1.0 | <1.0 | <1.0 |
| | 10/21/09 | 2,400 | 680 | --- | 170 | 440 | 17 | 410 | <5 | 490 | 480 | <5 | <5 | <5 |
| | 03/16/10 | <50 | <100 | --- | 0.60 | 1.3 | <0.50 | 1.77 | <0.50 | 4.5 | 550 | <1.0 | <1.0 | <1.0 |
| | 04/16/10 | 1,300 | 6,600 | --- | 0.67 | <0.5 | 3.1 | 12.9 | <0.50 | 1.2 | 2,400 | <1.0 | <1.0 | <1.0 |
| | 05/25/10 | 110 | 540 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | 2.9 | 6,500 | <1.0 | <1.0 | <1.0 |
| | 06/25/10 ² | 74 | 140 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 0.5 | 8,300 | <1.0 | <1.0 | <1.0 |
| | 07/14/10 ² | 110 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 0.85 | 11,000 | <1.0 | <1.0 | <1.0 |
| | 08/12/10 ² | 220 | <100 | --- | 0.64 | <0.5 | <0.5 | <0.5 | <1.0 | 0.93 | 15,000 | <1.0 | <1.0 | <1.0 |
| | 09/20/10 ² | 290 | <100 | --- | 1.1 | <0.5 | <0.5 | 0.55 | <1.0 | 1.2 | 23,000 | <1.0 | <1.0 | <1.0 |
| | 10/5/10 ² | 4,000 | 1,100 | --- | 1,200 | 420 | 23 | 231 | <10 | 670 | 2,600 | <10 | <10 | <10 |
| | 11/16/10 ² | 2,000 | 120 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | 0.53 | 21,000 | <1.0 | <1.0 | <1.0 |
| | 12/22/10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 01/12/11 ² | 3,000 | 130 | --- | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | 29,000 | <2.0 | <2.0 | <2.0 |
| | 02/24/11 ² | 1,400 | 2,100 | --- | 60 | 31 | 19 | 123 | <0.5 | 380 | 1,600 | <1.0 | <1.0 | 3.9 |
| | 03/23/11 ² | 110 | 230 | --- | 6 | 1.4 | 1.1 | 8.1 | <0.5 | 2.9 | 3,300 | <1.0 | <1.0 | <1.0 |
| | 04/29/11 ² | <50 | 120 | --- | 3.7 | <0.5 | <0.5 | 1.7 | <0.5 | 7.5 | 780 | <1.0 | <1.0 | <1.0 |
| | 05/13/11 ² | <100 | 230 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 | <10 | <1.0 | <1.0 | <1.0 |
| 06/22/11 ² | 7,500 | 37,000 | --- | <0.5 | <0.5 | <0.5 | 436 | <1.0 | 5.5 | 3,200 | <1.0 | <1.0 | <1.0 | |
| 08/19/11 ² | 2,600 | 12,000 | --- | 17 | 3.9 | 3.2 | 40 | <2.0 | 85 | 61 | <2.0 | <2.0 | <2.0 | |
| 09/22/11 ² | 34,000 | 64,000 | --- | 700 | 110 | 690 | 5300 | <50 | 400 | 6,100 | <50 | <50 | 54 | |
| 10/14/11 ² | 6,000 | 36,000 | --- | 190 | 13 | 36 | 100 | <20 | 1,600 | 6,600 | <20 | <20 | 26 | |
| 11/23/11 ² | 25,000 | 150,000 | --- | 65 | <10 | 51 | <10 | <20 | 310 | 6,000 | <20 | <20 | 22 | |
| 12/21/11 ² | 190 | 26,000 | --- | <0.5 | <0.5 | <0.5 | 0.53 | <0.5 | 70 | 1,600 | <1.0 | <1.0 | <1.0 | |
| 01/10/12 ² | 570 | 1,400 | --- | 100 | <0.50 | 5.3 | 3.9 | <1.0 | 110 | 4,800 | <1.0 | <1.0 | 2.2 | |
| 02/23/12 ² | 180 | 140 | --- | 8.8 | 6.8 | 0.84 | 7.8 | <0.50 | 5.9 | 9,200 | <1.0 | <1.0 | <1.0 | |
| 03/28/12 ² | 140 | --- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | 10,000 | <1.0 | <1.0 | <1.0 | |
| GMW-O-19 | 11/25/96 | --- | --- | --- | <0.5 | <0.87 | 2.8 | 5.1 | <0.5 | <5 | --- | --- | --- | --- |

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL DATA
 APRIL 2012 MONTHLY MONITORING EVENT
 Defense Fuel Support Point Norwalk
 Norwalk, California

Results reported in micrograms per liter (µg/L)

| Sample ID | Date | TPH-g | TPH-fp | TPH-d | Benzene | Toluene | Ethyl-benzene | Total Xylenes ¹ | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME | |
|-----------|----------|-------|--------|-------|---------|---------|---------------|----------------------------|---------|------|------|------|------|------|------|
| GMW-O-19 | 07/16/97 | <100 | --- | --- | <0.5 | <0.5 | <0.5 | <1 | <0.5 | <5 | --- | --- | --- | --- | |
| | 01/06/98 | <100 | --- | --- | <0.5 | <0.5 | <0.5 | <1.5 | <0.5 | <5 | --- | --- | --- | --- | |
| | 05/20/98 | <300 | --- | --- | <0.5 | <0.5 | <0.5 | <1 | <0.5 | 2 | --- | --- | --- | --- | |
| | 11/12/98 | <300 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- | |
| | 05/06/99 | <500 | --- | --- | <0.5 | <0.5 | <0.5 | <0.5 | <1 | 0.51 | --- | --- | --- | --- | |
| | 11/18/99 | <416 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 0.5 | --- | --- | --- | --- | |
| | 05/17/00 | <300 | 180 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- | |
| | 09/19/01 | <300 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- | |
| | 11/07/01 | <300 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- | |
| | 01/30/02 | <300 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- | |
| | 04/09/03 | <50 | 500 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- | |
| | 08/01/03 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- | |
| | 10/07/03 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- | |
| | 04/22/04 | <50 | 1,400 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- | |
| | 07/20/04 | --- | <100 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 11/02/04 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- | --- |
| | 05/05/05 | 510 | 110 | --- | 110 | <0.5 | 17 | 24.5 | <1 | 150 | --- | --- | --- | --- | --- |
| | 08/02/05 | 160 | <100 | --- | 2.1 | <0.5 | 1.2 | <0.5 | <0.5 | 19 | --- | --- | --- | --- | --- |
| | 11/02/05 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- | --- |
| | 02/28/06 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- | --- |
| | 05/04/06 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- | --- |
| | 12/05/06 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- | --- |
| | 05/05/07 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- | --- |
| | 11/15/07 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- | --- |
| | 04/16/08 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- | --- |
| | 10/14/08 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | --- | --- | --- | --- | --- |
| | 04/23/09 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1 | <1 | <1 | <1 |
| | 10/20/09 | <50 | <200 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1 | <1 | <1 | <1 |
| | 03/15/10 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 04/16/10 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 05/26/10 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 06/22/10 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 07/13/10 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 08/12/10 | <50 | <100 | --- | 0.52 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 09/20/10 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 10/06/10 | <50 | 340 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 11/16/10 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 12/22/10 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 01/11/11 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 02/24/11 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 | <1.0 |
| 03/23/11 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 | <1.0 | |
| 04/12/11 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 | <1.0 | |
| 05/13/11 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 | <1.0 | |
| 06/22/11 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 | <1.0 | |
| 07/11/11 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 | <1.0 | |

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL DATA
 APRIL 2012 MONTHLY MONITORING EVENT
 Defense Fuel Support Point Norwalk
 Norwalk, California

Results reported in micrograms per liter (µg/L)

| Sample ID | Date | TPH-g | TPH-fp | TPH-d | Benzene | Toluene | Ethyl-benzene | Total Xylenes ¹ | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
|-----------|-----------------------|---------|--------|-------|---------|---------|---------------|----------------------------|---------|--------|--------|------|------|------|
| GMW-O-19 | 08/19/11 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 |
| | 09/22/11 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 |
| | 10/11/11 | <50 | 110 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 |
| | 11/28/11 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 |
| | 12/21/11 | <50 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <10 | <1.0 | <1.0 | <1.0 |
| | 01/10/12 | <50 | <100 | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| | 02/23/12 | <50 | <100 | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| | 03/28/12 | <50 | --- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| | 04/17/12 | <50 | --- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| PZ-5 | 10/07/03 | 6,900 | <100 | --- | 11 | <10 | <10 | <10 | <20 | 9,100 | --- | --- | --- | --- |
| | 05/05/05 | <50 | <100 | --- | 0.87 | <0.5 | <0.5 | <0.5 | <0.5 | 43 | --- | --- | --- | --- |
| | 11/02/05 | 1,200 | <100 | --- | <2.5 | <2.5 | <2.5 | <2.5 | <5.0 | 2,100 | --- | --- | --- | --- |
| | 02/28/06 | 160 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <1 | 380 | --- | --- | --- | --- |
| | 05/04/06 | 1,200 | <100 | --- | <2 | <2 | <2 | <2 | <4 | 1,900 | --- | --- | --- | --- |
| | 09/19/06 | 480 | <100 | --- | <1 | <1 | <1 | <1 | <2 | 1,200 | --- | --- | --- | --- |
| | 12/07/06 | 480 | <100 | --- | <1.5 | <1.5 | <1.5 | <1.5 | <3 | 960 | --- | --- | --- | --- |
| | 03/13/07 | 320 | <100 | --- | <1 | <1 | <1 | <1 | <2 | 690 | --- | --- | --- | --- |
| | 05/04/07 | 400 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <1 | 610 | --- | --- | --- | --- |
| | 08/29/07 | 380 | <100 | --- | <1 | <1 | <1 | <1 | <2 | 480 | --- | --- | --- | --- |
| | 11/15/07 | 370 | <100 | --- | <0.5 | <0.5 | <0.5 | <0.5 | <1 | 470 | --- | --- | --- | --- |
| | 02/20/08 | 940 | 560 | --- | <1 | <1 | <1 | <1 | <2 | 750 | --- | --- | --- | --- |
| | 04/15/08 | 750 | 330 | --- | <1 | <1 | <1 | <1 | <2 | 740 | --- | --- | --- | --- |
| | 08/12/08 | 1,500 | 370 | --- | <2 | <2 | <2 | <2 | <4 | 2,000 | --- | --- | --- | --- |
| | 10/16/08 | <3,000 | 210 | --- | 22 | <15 | <15 | <15 | <30 | 1,900 | --- | --- | --- | --- |
| | 02/24/09 | 1,000 | 440 | --- | 61 | <1 | <1 | <1 | <2 | 1,200 | 37,000 | --- | --- | --- |
| | 02/24/09 ⁴ | 2,400 | 1,000 | --- | 71 | <100 | <100 | <100 | <50 | 1,400 | 47,000 | <200 | <200 | <200 |
| | 04/23/09 | 1,200 | 760 | --- | 250 | <2 | 5.7 | <2 | <4 | 1,200 | 35,000 | <4 | <4 | <4 |
| | 07/22/09 | 3,800 | 1,800 | --- | 2,000 | 20 | 98 | 77 | <5 | 800 | 54,000 | <5 | <5 | <5 |
| | 10/23/09 | 2,900 | 1,300 | --- | 1,100 | 18 | 53 | 69 | <10 | 500 | 50,000 | <10 | <10 | <10 |
| | 03/16/10 | 1,700 | 890 | --- | 370 | 2.1 | 33 | 9.4 | <4.0 | 350 | 58,000 | <4.0 | <4.0 | <4.0 |
| | 04/16/10 | 1,600 | 1,100 | --- | 110 | <2.5 | 9.7 | 4.6 | <5.0 | 340 | 91,000 | <5.0 | <5.0 | <5.0 |
| | 05/27/10 | 3,200 J | 1,300 | --- | 1,100 | <25 | 66 | <25 | <50 | 360 | 69,000 | <50 | <50 | <50 |
| | 06/22/10 | 3,600 | 900 | --- | 1,500 | <10 | 96 | <10 | <20 | 450 | 73,000 | <20 | <20 | <20 |
| | 07/14/10 | 4,600 | 1,300 | --- | 1,900 | <10 | 180 | <10 | <20 | 530 | 82,000 | <20 | <20 | <20 |
| | 08/12/10 | 9,100 | 1,600 | --- | 4,400 | <5.0 | 340 | 50.6 | <10 | 490 | 64,000 | <10 | <10 | <10 |
| | 09/20/10 | 8,500 | 1,800 | --- | 4,200 | 2.8 | 110 | 16.8 | <4.0 | 370 | 43,000 | <4.0 | <4.0 | <4.0 |
| | 10/07/10 | 6,300 | 1,000 | --- | 3,100 | <20 | 56 | <20 | <40 | 150 | 40,000 | <40 | <40 | <40 |
| | 11/16/10 | 3,400 | 1,600 | --- | 1,600 | <10 | 10 | 15 | <20 | 130 | 20,000 | <20 | <20 | <20 |
| | 12/22/10 | 3,400 | 1,700 | --- | 1,600 | <10 | <10 | <10 | <20 | 100 | 22,000 | <20 | <20 | <20 |
| 01/12/11 | 4,000 | 1,200 | --- | 1,500 | <5.0 | <5.0 | <5.0 | <10 | 130 | 38,000 | <10 | <10 | <10 | |
| 02/24/11 | 1,400 | 400 | --- | 390 | <2.0 | <2.0 | 3.8 | <4.0 | 84 | 27,000 | <4.0 | <4.0 | <4.0 | |
| 03/23/11 | 1,100 | 820 | --- | 210 | <1.0 | <1.0 | 2.4 | <2.0 | 140 | 29,000 | <2.0 | <2.0 | <2.0 | |
| 04/13/11 | 830 | 520 | --- | 59 | <1.0 | <1.0 | <1.0 | <2.0 | 120 | 28,000 | <2.0 | <2.0 | <2.0 | |
| 05/13/11 | 2,000 | 830 | --- | 710 | 4.7 | 25 | 25.8 | <5.0 | 140 | 34,000 | <5.0 | <5.0 | <5.0 | |
| 06/22/11 | 4,500 | 1,100 | --- | 960 | 9 | 30 | 80 | <10 | 100 | 33,000 | <10 | <10 | <10 | |

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL DATA
 APRIL 2012 MONTHLY MONITORING EVENT
 Defense Fuel Support Point Norwalk
 Norwalk, California

Results reported in micrograms per liter (µg/L)

| Sample ID | Date | TPH-g | TPH-fp | TPH-d | Benzene | Toluene | Ethyl-benzene | Total Xylenes ¹ | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
|-----------|----------|-------|--------|-------|---------|---------|---------------|----------------------------|---------|------|--------|------|------|------|
| PZ-5 | 07/12/11 | 3,300 | 1,200 | --- | 1,500 | 16 | 50 | 77 | <20 | 110 | 34,000 | <20 | <20 | <20 |
| | 08/19/11 | 2,600 | 1,200 | --- | 750 | 9 | 63 | 45.4 | <10 | 150 | 47,000 | <10 | <10 | <10 |
| | 09/22/11 | 4,700 | 1,400 | --- | 1,600 | 33 | 100 | 197 | <20 | 200 | 64,000 | <20 | <20 | <20 |
| | 10/14/11 | 4,600 | 1,500 | --- | 1,500 | 31 | 130 | 190 | <10 | 170 | 58,000 | <10 | <10 | <10 |
| | 11/28/11 | 4,600 | 1,500 | --- | 1,700 | 18 | 150 | 140 | <20 | 220 | 61,000 | <20 | <20 | <20 |
| | 12/21/11 | 5,900 | 2,000 | --- | 2,200 | 57 | 160 | 390 | <20 | 190 | 61,000 | <20 | <20 | <20 |
| | 01/10/12 | 5,400 | 1,900 | --- | 2,000 | 44 | 140 | 330 | <20 | 200 | 38,000 | <20 | <20 | <20 |
| | 02/23/12 | 8,400 | 1,700 | --- | 3,300 | 86 | 280 | 760 | <40 | 370 | 29,000 | <40 | <40 | <40 |
| | 03/28/12 | 4,100 | --- | 270 | 1,800 | 20 | 100 | 170 | <20 | 150 | 29,000 | <20 | <20 | <20 |
| | 04/19/12 | 2,900 | --- | 260 | 1,300 | <10 | 97 | 20 | <20 | 140 | 58,000 | <20 | <20 | <20 |

Notes

1. The total xylenes result is the sum of m,p-xylenes and o-xylenes when detected.
2. Groundwater sample collected through a sampling port.
3. Free product was present.
4. Split groundwater sample analyzed by Calscience Environmental Laboratories, Inc. Results were evaluated to laboratory method detection limits.

Abbreviations

--- = not analyzed or not applicable.
 <5.0 = not detected at or above the laboratory reporting limit shown.
 NS = well not sampled due to presence of free product.
 J = The analyte was positively identified, the associated numerical value is the approximate concentration of the analyte in the sample.
 1,2-DCA = 1,2-dichloroethane.
 DIPE = di-isopropyl ether.

ETBE = ethyl tertiary butyl ether.
 MTBE = methyl tertiary butyl ether.
 TAME = tertiary amyl methyl ether.
 TBA = tertiary butyl alcohol.
 TPH-fp = total extractable petroleum hydrocarbons quantified using a site fuel product standard.
 TPH-g = total purgeable petroleum hydrocarbons quantified using a gasoline standard (C4-C13).
 TPH-d = total extractable petroleum hydrocarbons quantified using a diesel standard (C13-C22)

TABLE 3

SUMMARY OF MISCELLANEOUS COMPOUNDS DETECTED IN GROUNDWATER SAMPLES
APRIL 2012 MONTHLY MONITORING EVENT

Defense Fuel Support Point Norwalk
Norwalk, California

Results reported in micrograms per liter ($\mu\text{g/L}$)

| Well | Sample Date | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | 4-Isopropyltoluene | Chloroform | Isopropylbenzene | Naphthalene | n-Butylbenzene | n-Propylbenzene | sec-Butylbenzene |
|----------|-------------|------------------------|------------------------|--------------------|------------|------------------|-------------|----------------|-----------------|------------------|
| GMW-36 | 04/27/12 | 16 | 7.7 | <1.0 | <1.0 | <1.0 | 10 | <1.0 | <1.0 | <1.0 |
| GMW-O-15 | 04/27/12 | 73 | 35 | 1.1 | <1.0 | 1.8 | 29 | 2.3 | 5.3 | 2.2 |

Notes

<1.0 = not detected at or above the laboratory reporting limit shown.

TABLE 4
SUMMARY OF TOTAL FLUIDS AND GROUNDWATER EXTRACTION PUMP OPERATION
APRIL 2012 MONTHLY MONITORING EVENT
 Defense Fuel Support Point Norwalk
 Norwalk, California

| Remediation Area | Remediation Well ID | Pump Type | 4/27/12 Pump Status (ON/OFF) | Comments |
|--------------------|---------------------|-----------|------------------------------|----------------------------------------------|
| South-Central Area | GMW-9 | TFE | OFF | |
| | GMW-22 | TFE | OFF | |
| | GMW-24 | TFE | OFF | |
| | GMW-25 | GWE | OFF | |
| | GWR-3 | GWE | OFF | |
| | MW-SF-2 | TFE | OFF | |
| | MW-SF-3 | TFE | ON | |
| | MW-SF-6 | TFE | OFF | |
| | MW-SF-11 | TFE | ON | |
| | MW-SF-12 | TFE | OFF | |
| | MW-SF-13 | TFE | OFF | |
| | MW-SF-14 | TFE | ON | |
| | MW-SF-15 | TFE | OFF | |
| | MW-SF-16 | TFE | ON | |
| | MW-O-1 | TFE | OFF | |
| | MW-O-2 | TFE | OFF | |
| | GMW-O-11 | TFE | OFF | |
| | GMW-O-20 | TFE | OFF | |
| GMW-O-21 | TFE | ON | | |
| GMW-O-23 | TFE | OFF | | |
| Southeastern Area | GMW-O-15 | TFE | ON | |
| | GMW-O-18 | TFE | ON | |
| | GMW-36 | TFE | ON | |
| | GMW-SF-9 | TFE | OFF | Groundwater extraction began on May 11, 2012 |

Notes

Data reported based on information provided by SFPP, L.P.

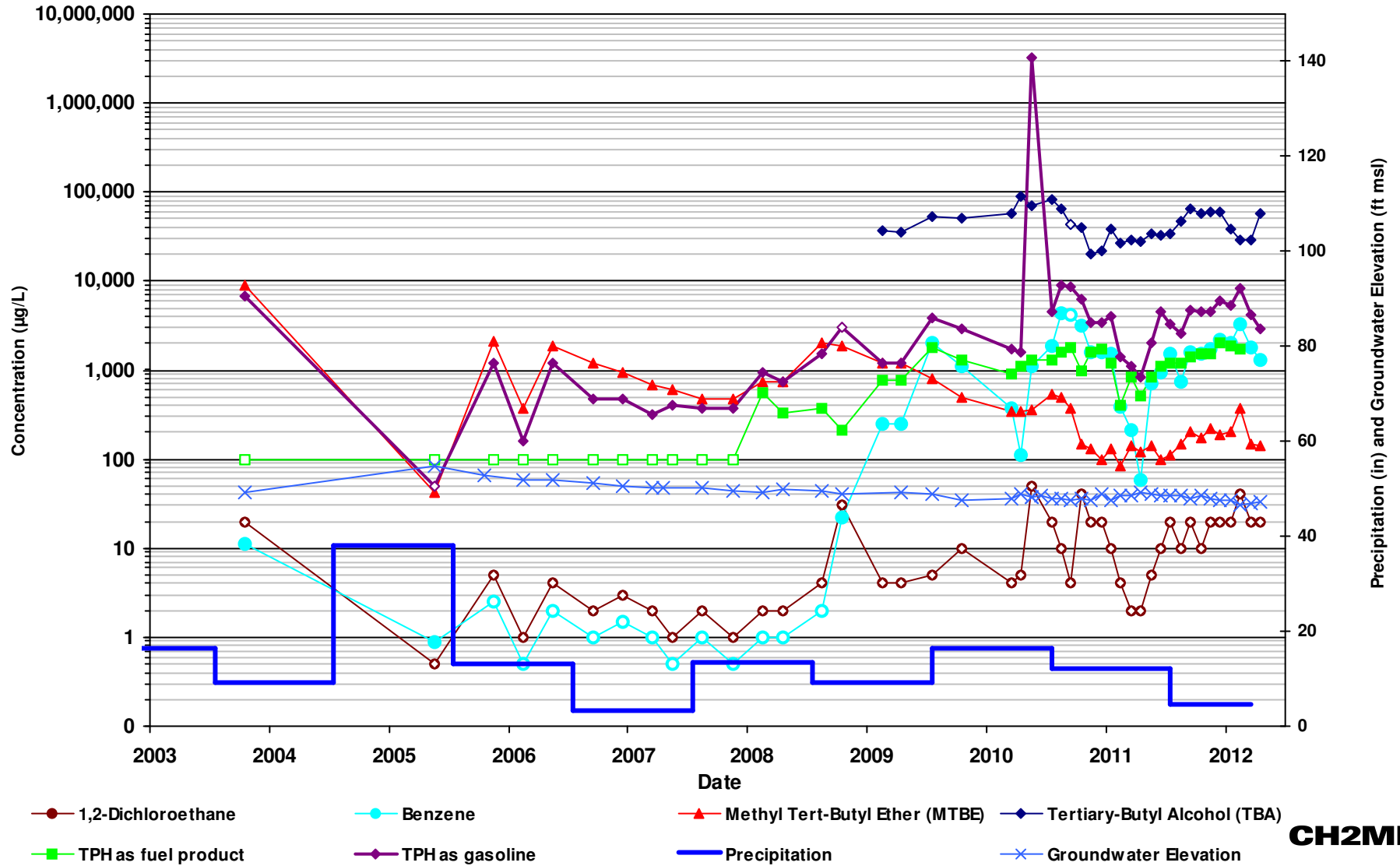
Abbreviations

GWE = groundwater extraction.

TFE = total fluids extraction.

Attachment 1
Concentration Time Series Charts
Wells PZ-5 and GMW-O-18

PZ-5

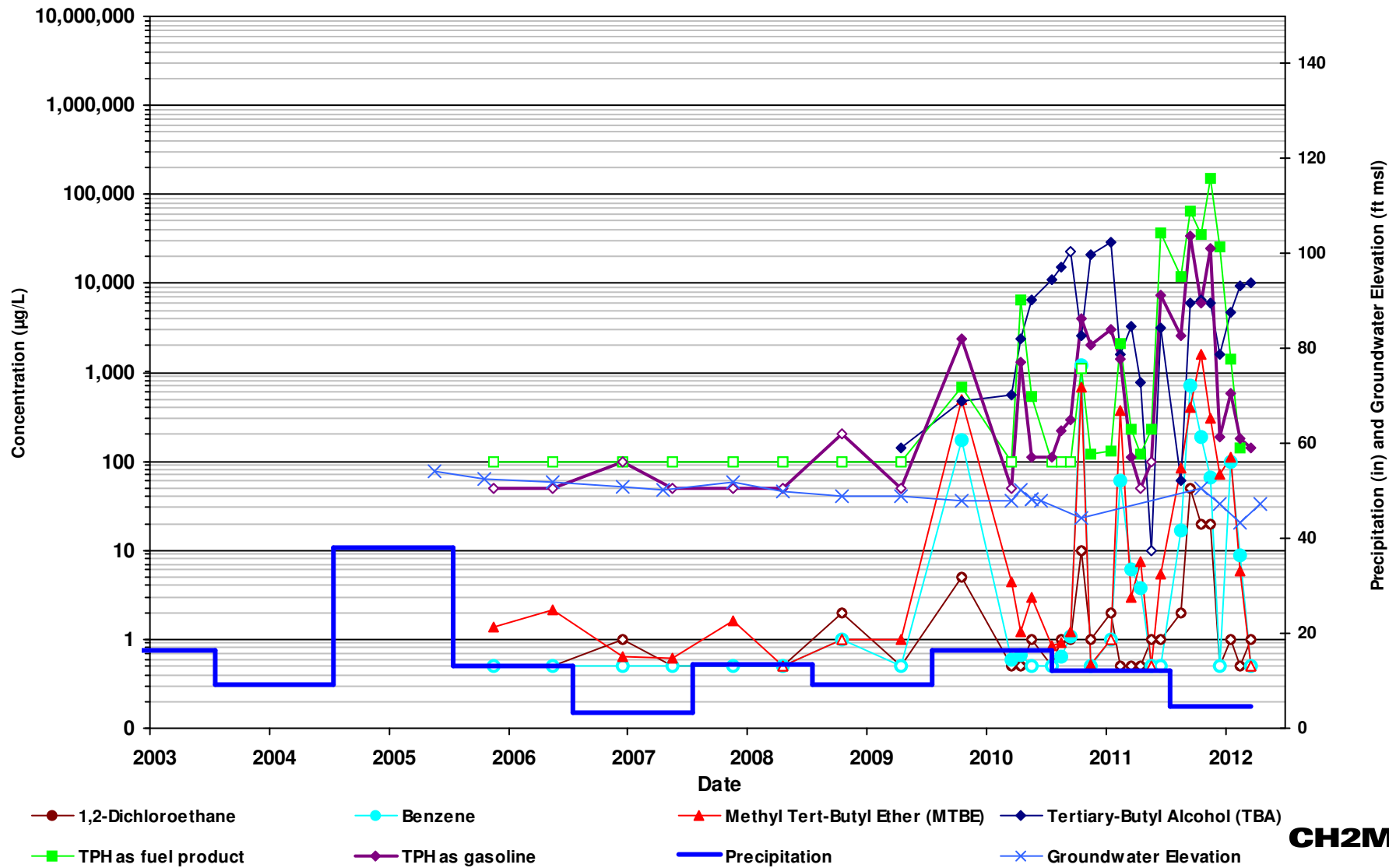


CH2MHILL

Non detect results (ND) are plotted with an open symbol using the laboratory reporting limit.

Precipitation data reported as annual rainfall which is calculated from Long Beach CIMIS #174 weather station. source: <http://www.ipm.ucdavis.edu/weather/sites/losangeles.html>

GMW-O-18



CH2MHILL

Non detect results (ND) are plotted with an open symbol using the laboratory reporting limit.

Precipitation data reported as annual rainfall which is calculated from Long Beach CIMIS #174 weather station. source: <http://www.ipm.ucdavis.edu/weather/sites/losangeles.html>