



Defense Fuel Support Point
Norwalk, California

First Semiannual 2018 Groundwater Monitoring Report

Final

July 2018

Kinder Morgan, Inc.



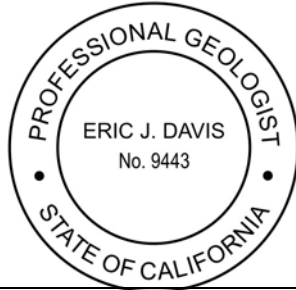
Defense Fuel Support Point, Norwalk, California

Project No: 704383
Document Title: First Semiannual 2018 Groundwater Monitoring Report
Revision: Final
Date: July 2018
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The material and data presented in this report were prepared consistent with current and generally accepted consulting principles and practices. This work was supervised by the following Jacobs licensed professional.



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Acronyms and Abbreviations

µg/L	microgram(s) per liter
1,2-DCA	1,2-dichloroethane
Alpha	Alpha Analytical, Inc.
amsl	above mean sea level
Blaine Tech	Blaine Tech Services, Inc.
BTEX	benzene, toluene, ethylbenzene, and total xylenes
CH2M	CH2M HILL Engineers, Inc., now Jacobs Engineering Group Inc.
CIMIS	California Irrigation Management Information System
DFSP	Defense Fuel Support Point
DIPE	di-isopropyl ether
DLA	Defense Logistics Agency Installation Operations Energy
EPA	U.S. Environmental Protection Agency
ETBE	ethyl tertiary butyl ether
ft/ft	foot per foot
GWE	groundwater extraction
Jacobs	Jacobs Engineering Group Inc.
JP ₄	jet propellant 4
JP ₅	jet propellant 5
JP ₈	jet propellant 8
Kinder Morgan	Kinder Morgan, Inc.
MCL	maximum contaminant level
MRP	Monitoring and Reporting Program
MTBE	methyl tertiary butyl ether
ND	nondetect
NPDES	National Pollutant Discharge Elimination System
QA	quality assurance
QC	quality control
RAB	Restoration Advisory Board
RTO	regenerative thermal oxidizer
RWQCB	Regional Water Quality Control Board, Los Angeles Region
SFPP	SFPP, L.P.
SGI	The Source Group, Inc.
site	Defense Fuel Support Point, Norwalk, California
SVE	soil vapor extraction
TAME	tertiary amyl methyl ether
TBA	tertiary butyl alcohol

TFE	total fluids extraction
TPH	total petroleum hydrocarbons
TPH-d	total petroleum hydrocarbons quantified as diesel
TPH-g	total petroleum hydrocarbons quantified as gasoline
VOC	volatile organic compound

1. Introduction

On behalf of SFPP, L.P. (SFPP), an operating partnership of Kinder Morgan, Inc. (Kinder Morgan), and the Defense Logistics Agency Installation Operations Energy (DLA), this semiannual groundwater monitoring report has been prepared by CH2M HILL Engineers, Inc. (CH2M), now a wholly owned subsidiary of Jacobs Engineering Group Inc. (Jacobs), to summarize the results of groundwater monitoring activities conducted at the Defense Fuel Support Point (DFSP), Norwalk, California (site) during the first half of 2018. The site location and vicinity are shown on Figure 1.

The results documented in this report are based on groundwater monitoring that has been conducted in accordance with sampling and analysis plans prepared by SFPP (CH2M, 2013) and DLA (Parsons, 2013). The Regional Water Quality Control Board, Los Angeles Region (RWQCB) approved the sampling plans on June 27, 2013, and October 23, 2013, respectively (RWQCB, 2013a, 2013b).

SFPP and DLA jointly perform groundwater monitoring events at the site to address respective impacts to groundwater by each entity. SFPP contracted CH2M, and DLA contracted The Source Group, Inc. (SGI), to perform project oversight of groundwater monitoring activities. SFPP contracted Blaine Tech Services, Inc. (Blaine Tech) to gauge and sample the designated SFPP wells; SGI personnel conducted the gauging and sampling for DLA. CH2M was retained by SFPP to compile and interpret the data from both sources and prepare this summary report.

Since 1986, environmental assessments have been performed at the DFSP facility (both onsite and offsite) by several consultants on behalf of SFPP and DLA. During these investigations, wells were installed for monitoring and as components of groundwater remediation activities. Table 1 presents a summary of groundwater monitoring and remediation wells associated with the site. These investigations evaluated and defined the extent of liquid-phase, adsorbed-phase, and dissolved-phase hydrocarbons in soil and groundwater beneath the site and offsite to the south, east, and west.

Site assessments identified the following principal constituents of concern at the site:

- Total petroleum hydrocarbons (TPH), including TPH quantified as gasoline (TPH-g), diesel (TPH-d), jet propellant 4 (JP₄), jet propellant 5 (JP₅), and jet propellant 8 (JP₈)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX)
- 1,2-dichloroethane (1,2-DCA)
- Methyl tertiary butyl ether (MTBE)
- Tertiary butyl alcohol (TBA)

Additional background information regarding investigations and monitoring events at the site is presented in previously submitted semiannual groundwater monitoring reports. Monitoring wells and remediation wells are monitored on a semiannual basis to evaluate groundwater flow and groundwater quality conditions.

In December 2014, DLA decommissioned 28 wells across the site to facilitate soil excavation (source removal) activities, as the wells were located within the footprint of the proposed excavation areas. Thirteen of the decommissioned wells were monitoring or extraction wells included in the RWQCB-approved Monitoring and Reporting Program (MRP). When soil excavation activities were completed, DLA agreed to replace these wells at their original locations or at locations approved by the RWQCB, and to monitor them on a semiannual basis thereafter.

To date, all 13 of the decommissioned wells in the MRP have been replaced (replacement wells are shown in parentheses below):

- DLA wells: GMW-17 (GMW-17R), GMW-32 (GMW-32R), GMW-35 (GMW-35R), GMW-66 (GMW-66R), GW-14 (GW-14R), TF-9 (TF-9R), TF-17 (EP-72/TF-17R), and TF-20 (TF-20R)
- SFPP wells: GMW-4 (GMW-4R), GMW-14 (GMW-14R), GMW-27 (GMW-27R), GWR-1 (GWR-1R), and MW-15 (MW-15R)

This report provides information pertaining to the April/May 2018 Semiannual Groundwater Monitoring Event (conducted from April 16 to May 15, 2018) and includes groundwater gauging and sampling data from selected wells throughout the DFSP site and from wells located offsite to the south, east, and west. This report also provides a summary of remediation progress for the first half of 2018, and an updated description of the status of the dissolved-phase and liquid-phase hydrocarbon plumes.

2. Field and Laboratory Activities

An overview of the semiannual monitoring event is provided in Section 2.1. Field and laboratory methods are described in Section 2.2.

2.1 Semiannual Groundwater Monitoring

Groundwater levels were gauged and samples collected as follows:

- SFPP wells were gauged by Blaine Tech on April 16, 2018.
- DLA wells were gauged by SGI on April 16, 2018.
- DLA and SFPP wells (except GMW-9 and GMW-O-20) were sampled by Blaine Tech and SGI, respectively, from April 17 through 24, 2018.
- SFPP wells GMW-9 and GMW-O-20 were sampled by Blaine Tech on May 15, 2018.

Overall, water levels were measured in 179 wells, of which 10 were dry and 3 were gauged twice because they are included in the sampling and analysis plans for both SFPP and DLA (EXP-1, EXP-2, and EXP-3). Groundwater samples were collected from 114 of the wells. In total, 117 samples were collected because split samples were collected at EXP-1, EXP-2, and EXP-3. Groundwater samples were not collected at wells containing measurable free product.

Sampling was conducted using low-flow methods as described in Section 2.2. Tables 2 and 3 list the wells that were gauged and sampled during the first semiannual 2018 event, respectively, as well as their associated groundwater elevations and analytical results. Well gauging and sampling records for the semiannual event are provided in Appendix A.

SGI and Blaine Tech did not gauge or sample the following wells in April/May 2018 because the wells either could not be located or could not be accessed:

- DLA wells: GMW-32R, GMW-33, GMW-40, GW-4, and TF-23
- SFPP wells: GMW-1, GMW-3, and MW-SF-9

If/when these wells become accessible, they will be gauged and sampled in accordance with the MRP during future semiannual events.

2.2 Field and Laboratory Methods

Field activities were conducted in accordance with the sampling plans as described in Section 1. Groundwater samples collected for DLA were submitted to American Analytics in Chatsworth, California. Groundwater samples collected for SFPP were submitted to Alpha Analytical, Inc. (Alpha) in Sparks, Nevada. Both analytical laboratories are certified by the Environmental Laboratory Accreditation Program of the California State Water Resources Control Board. Samples were submitted to these laboratories for the analyses described in Section 2.2.2.

2.2.1 Field Methods

Prior to starting gauging, purging, and sampling activities, SFPP and DLA remediation systems were shut down for approximately 1 week. Subsequently, SGI or Blaine Tech measured depth to water in each well using an electronic water level sounder, or depth to water and free product thickness using an interface probe. The down-well field instruments used to gauge the wells were cleaned with a laboratory-grade, nondetergent cleaner, and then rinsed successively in two containers with distilled water before each use.

Before sampling, each well was purged by using low-flow purge techniques at a rate of approximately 100 to 500 milliliters per minute. During purging, groundwater field parameters consisting of temperature, pH, electrical conductivity, turbidity, dissolved oxygen, and oxidation-reduction potential were monitored. Water levels also were monitored during low-flow purging to verify minimal drawdown. Samples for SFPP were collected using a 2-inch-diameter submersible Grundfos pump with new or dedicated tubing, whereas samples for DLA were collected using a 2-inch-diameter Mega-Monsoon submersible pump with new or dedicated tubing used for each well. Well gauging and sampling records are provided in Appendix A.

Water samples were collected after groundwater field parameters stabilized. Water samples to be analyzed for TPH-g, TPH-d, and volatile organic compounds (VOCs) were collected in 40-milliliter volatile organic analysis (VOA) vials containing hydrochloric acid preservative, filled slightly above the top of the vial to form a positive meniscus (that is, zero headspace), and sealed with Teflon septa and airtight caps. DLA water samples for TPH-d analysis were collected in 250-milliliter amber bottles and sealed with Teflon-lined airtight caps. The samples were labeled and placed on ice for transport to the laboratory following proper chain-of-custody procedures.

2.2.2 Laboratory Analytical Methods

Samples collected for DLA were sent to American Analytics for laboratory analysis; samples collected for SFPP were sent to Alpha for laboratory analysis. The laboratory analytical program for the sampling events included analysis for VOCs using U.S. Environmental Protection Agency (EPA) Method 8260B, and TPH using purge-and-trap and/or extraction sample preparation techniques followed by EPA Method 8015 (modified). Results for TPH analyses using the purge-and-trap preparation technique were quantified and reported against a commercial gasoline standard (C4 to C13) and are abbreviated as “TPH-g” throughout this report. Results for TPH analyses using extraction sample preparation for groundwater samples were quantified and reported against a commercial diesel standard (C14 to C22) and are abbreviated as “TPH-d” throughout this report. Copies of the laboratory analytical reports are presented in Appendix B.

3. Groundwater Gauging Results

Measurements of groundwater levels and free product thickness collected during the semiannual monitoring event are described in this section. Groundwater extraction (GWE) systems for both DLA and SFPP were shut down approximately 1 week prior to the first semiannual 2018 groundwater gauging and sampling activities.

Free product thicknesses, depths to groundwater, and calculated groundwater elevations are presented in Table 2. Groundwater elevations in SFPP wells with measurable free product were corrected for water-product density differences using the estimated specific gravity for the free product (ranging from 0.75 to 0.83, based on field measurements collected during baildown testing conducted in 2014). The measured product thickness was multiplied by the specific gravity value and then added to the measured groundwater elevation (resulting in the “corrected groundwater elevation” values in Table 2). Groundwater elevations were not calculated for DLA wells with measurable free product. Groundwater elevation contours for the uppermost groundwater zone, along with estimated extents of free product, are shown on Figure 2. Historical groundwater level measurements, free product thicknesses, and groundwater elevations are presented in Appendix C.

Wells meeting at least one of the following criteria were not considered in contouring groundwater elevation in the uppermost groundwater zone (and are denoted with an asterisk “*” in the well name on Figure 2):

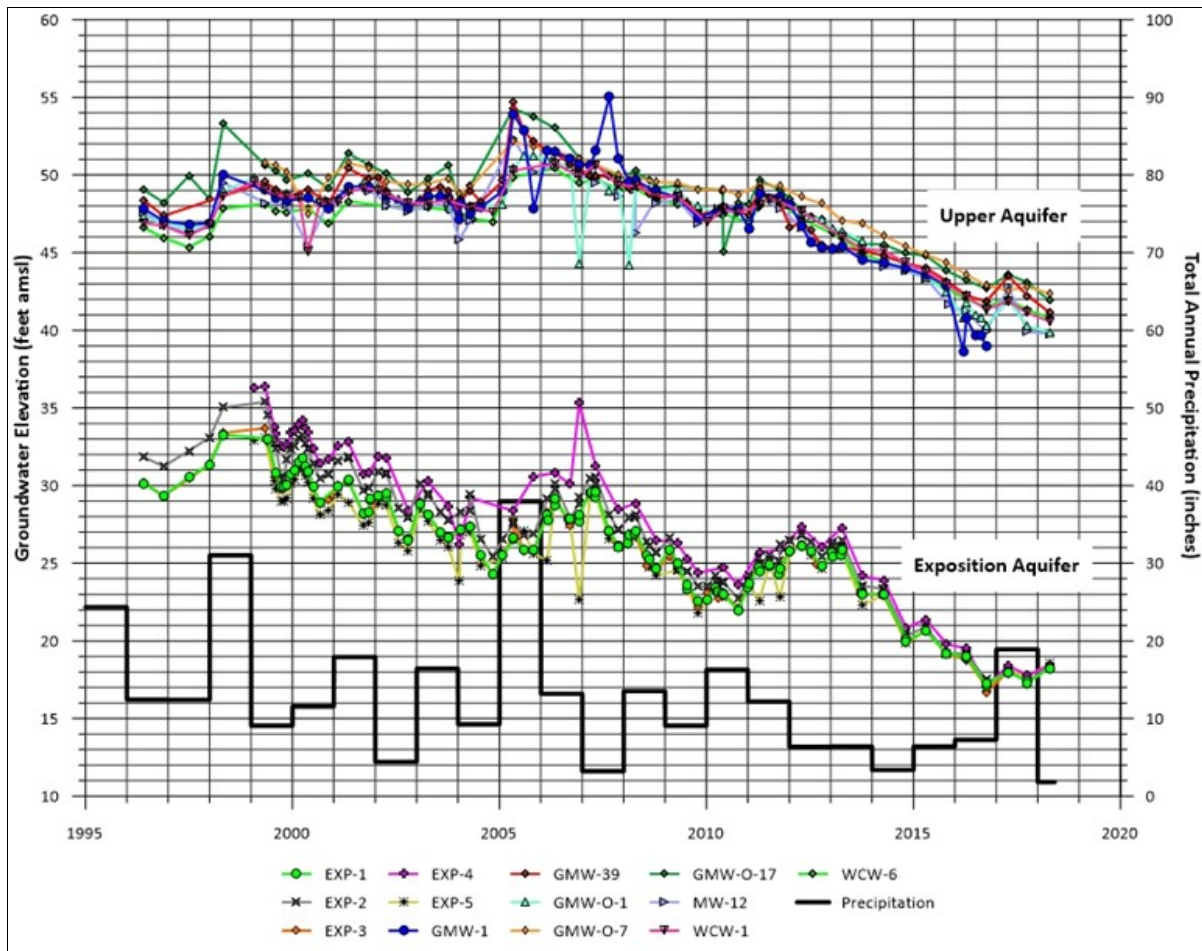
- Wells screened in the deeper Exposition aquifer (denoted as “EXP” wells), which is separated from the uppermost groundwater zone by the Bellflower aquitard (CH2M, 2013)
- Wells screened near the bottom of the uppermost aquifer (denoted as “MID” wells)
- Wells with groundwater elevations that were inconsistent with surrounding groundwater elevations

3.1 Groundwater Flow Conditions

3.1.1 Uppermost Groundwater Zone

During the first semiannual 2018 monitoring event, groundwater elevations used in contouring the potentiometric surface of the uppermost groundwater zone ranged from 37.74 feet above mean sea level (amsl) in MW-O-2 (in the south-central portion of the site) to 42.62 feet amsl in GMW-56 (in the northern portion of the site). Overall, groundwater elevations across the site were lower than those reported in October 2017 (SGI, 2017), declining an average of 0.4 foot, with the largest decline observed at GMW-O-19 in the southeastern area (1.52 feet). However, groundwater elevations in 25 of the 131 wells that were gauged were higher than those reported in October 2017. The largest increase in groundwater elevation was measured at GMW-13 northeast of the truck rack area (1.31 feet). Compared to the monitoring event that occurred in April 2017 (CH2M, 2017), groundwater elevations declined an average of 2.13 feet in all but two gauged wells, with MW-28 in the north-central area experiencing the largest relative decline (5.2 feet). The lower groundwater elevations observed in April 2018 are likely attributable to decreased precipitation (as measured by the Long Beach, California Irrigation Management Information System [CIMIS] Number 174 weather station [California Department of Water Resources, 2018]; see Exhibit 1).

Exhibit 1. Groundwater Elevations in the Uppermost Aquifer and Exposition Aquifer



The potentiometric surface interpreted from the April 2018 gauging data is similar to that reported in October 2017 (SGI, 2017). As shown on Figure 2, a large groundwater depression is interpreted in the south-central area, focused primarily around GMW-24, GMW-30, GWR-3, MW-SF-11, MW-O-2, and GMW-O-21. Smaller groundwater depressions are also present in the north-central area around GMW-7 and TF-24, and in the eastern area around GW-15 and MW-17. Additionally, minor groundwater mounds are present around GMW-O-12 and GMW-23 in the south-central area, and GMW-13 northeast of the truck rack area.

The estimated horizontal hydraulic gradients during this event ranged from approximately 0.0019 to 0.0137 foot per foot (ft/ft) (Figure 2). Groundwater flow at the site is primarily converging toward the groundwater depressions, except in the western offsite area (near the western edge of the map extent on Figure 2), where westward flow appears to dominate. This change in flow direction suggests a groundwater divide in the western offsite area, likely caused by pumping in the south-central and southeastern areas. In April 2017, groundwater flow was primarily to the west/northwest, and the large groundwater depression in the south-central area and related converging flow were not present (CH2M, 2017). However, groundwater flow conditions in April 2017 were unusual, potentially due to factors such as increased precipitation during the 2016-2017 rainy season, differing operation of the remediation systems in this area, and/or changes in regional groundwater use in the months prior to the April 2017 monitoring event. The groundwater flow patterns observed in April 2018 are consistent with those inferred in October 2017 and semiannual monitoring events conducted between 2010 and 2016.

Groundwater levels in MW-18 (MID), MW-19 (MID), MW-20 (MID), MW-21 (MID), and MW-22 (MID), screened in the lower section of the uppermost aquifer, varied from groundwater levels measured in nearby wells installed in the upper portion of the uppermost aquifer. Groundwater elevations in these five “MID” wells ranged from 35.21 feet amsl in MW-18 (MID) to 39.62 feet amsl in MW-21 (MID).

3.1.2 Exposition Aquifer

Groundwater levels were measured in the five Exposition aquifer wells (EXP-1 through EXP 5) on and near the site, and ranged from 18.27 feet amsl in EXP-1 and EXP-3 (in the eastern and southeastern areas, respectively) to 18.58 feet amsl in EXP-5 (in the southeast corner of the gauging area, east of Seaforth Avenue). Figure 3 shows the inferred groundwater elevation contours for the Exposition aquifer in April 2018, as well as groundwater flow directions and estimated horizontal hydraulic gradients. Groundwater elevations in the Exposition aquifer were between 0.02 and 0.43 foot higher than those measured in April 2017 (CH2M, 2017), and between 0.64 and 0.97 foot higher than those measured in October 2017 (SGI, 2017). In the central and northwestern portions of the gauging area, the horizontal hydraulic gradient in April 2018 was nearly flat at 0.00006 ft/ft toward the east-southeast. In the eastern and southeastern offsite areas, the gradient was 0.0004 ft/ft toward the northwest. The central/northwestern and eastern/southeastern groundwater flow regimes appear to converge in the vicinity of EXP-1 and EXP-3, where the lowest groundwater elevations were measured. This overall groundwater flow pattern resembles that observed in October 2017 (SGI, 2017), but is distinct from the April 2017 monitoring event, when groundwater flow was principally to the east (CH2M, 2017). The groundwater flow direction in the Exposition aquifer remains substantially different from the uppermost groundwater zone.

Groundwater elevations across the site in the uppermost aquifer are higher than elevations in the Exposition aquifer by approximately 20 to 25 feet (see Exhibit 1). This vertical gradient across the aquitard is consistent with historical conditions and indicates that the aquitard impedes groundwater flow from the uppermost aquifer to the Exposition aquifer.

3.2 Distribution of Free Product

During this semiannual monitoring event, measurable free product was observed in 31 of the 179 wells that were gauged:

- North-central area: wells EP-73, GMW-18, GMW-45, GW-14R, TF-15, TF-16, TF-17R/EP-72, TF-18, TFR-9, TFR-12, TFR-14, TFR-15, TFR-18, TFR-22, TFR-24, TFR-27, TFR-29, TFR-33, RTF-18-E, RTF-18-N, RTF-18-NNW, RTF-18-NW, and RTF-18-W
- Eastern area: wells GMW-58, GMW-62, and GMW-68
- South-central area: wells GMW-10, GMW-23, GMW-O-12, and MW-O-2
- Southeastern area: well GMW-O-15

Free product was detected at thicknesses ranging from 0.01 foot in wells GMW-58 and GMW-62 to 7.42 feet in well TFR-29. Free product thicknesses, well gauging data, and groundwater elevations are summarized in Table 2. Detections of free product in these wells during this sampling event were used in interpreting the current extent of free product at the site. These interpretations are shown on Figure 2 and indicate the presence of free product in the northern tank farm area (the north-central area), the eastern area, the south-central area, and the southeastern 24-inch block valve area.

Free product thicknesses measured in wells in the north-central area ranged from 0.23 foot in RTF-18-E to 7.42 feet in TFR-29. With the exception of the isolated plume depicted around wells GMW-45 and TFR-27, free product in the north-central area is interpreted as a continuous plume that is larger in extent than seen in previous events. This interpretation is supported by the presence of free product in many of the new “TFR”-series wells, which were installed in the northern tank farm area in November and December of 2017. Compared to both the April and October 2017 monitoring events, the thickness of free product in north-central area wells that existed prior to November 2017 generally increased. Free product thicknesses increased an average of 1.32 feet relative to October 2017 (SGI, 2017), and 1.25 feet relative

to April 2017 (CH2M, 2017). The largest increase in product thickness in the north-central area, relative to both 2017 events, occurred at TF-18 (2.93 feet).

In the eastern area, a free product plume was interpreted based on a measured free product thickness of 0.01 foot in wells GMW-58 and GMW-62, and 0.43 foot in well GMW-68, representing an expansion of the free product extent in this area compared to prior sampling events. Free product has consistently been detected in wells GMW-62 and GMW-68 since 2016 and 2011, respectively. The last detection of free product in well GMW-58 occurred in November 2004. Product thickness has marginally increased in the eastern area since October 2017, with the largest increase (0.41 foot) observed at GMW-68 (SGI, 2017). However, product thicknesses at GMW-62 and GMW-68 have decreased relative to April 2017 (-0.01 and -0.55 foot, respectively) (CH2M, 2017).

Free product thicknesses measured in wells in the south-central area ranged from 0.02 foot in well MW-O-2 to 1.15 foot in well GMW-O-12. Four separate, isolated free product plumes are interpreted in the south-central area around GMW-23, GMW-O-12, GMW-10, and MW-O-2. Observation of product in these wells is consistent with historical data. Compared to the October 2017 monitoring event, when only GMW-29 and GMW-O-10 contained measurable product (SGI, 2017), the overall free product distribution in the south-central area in April 2018 is larger in extent, though the change in product thickness is relatively modest (ranging from a decrease of 0.18 foot at GMW-29 to an increase of 0.13 foot at GMW-10). Compared to the April 2017 monitoring event, free product is more dispersed across the south-central area, but fewer wells contained product and product thicknesses decreased at all wells except GMW-10, with the largest relative decrease observed at GMW-O-12 (3.05 feet) (CH2M, 2017). It is believed that the decrease in product thickness is a result of biosparging that has been implemented in the south-central area since January 2016 (further details regarding biosparging operations are provided in Section 5.1).

In the southeastern area, free product was observed in GMW-O-15 at a thickness of 0.12 foot during this monitoring event, which is less than the thickness measured in October 2017 (1.59 feet; SGI, 2017), but similar to that measured in April 2017 (0.13 foot; CH2M, 2017). The extent of free product in the southeastern area has decreased relative to both 2017 monitoring events, during which product was also detected in GMW-O-18.

The overall mapped extent of free product across the site has increased; however, this is primarily due to the detection of product in wells that were recently installed in the north-central area. An overall average increase in product thickness is still apparent in existing wells at the site (0.4 and 0.71 foot relative to April and October 2017, respectively) (CH2M, 2017; SGI, 2017), which may be attributable to low precipitation and lower groundwater elevations in 2018 (see Exhibit 1), allowing residual product to drain from pores and collect in affected wells (as discussed in the October 2017 monitoring report; SGI, 2017).

Efforts to recover free product at the site, including total fluids extraction (TFE), manual bailing, and the use of fuel-absorbent socks, should continue to remove product that has accumulated in wells across the site.

4. Groundwater Quality

Groundwater quality results for the semiannual monitoring event are presented in Section 4.1. Related quality assurance/quality control (QA/QC), water disposal, and health and safety are discussed in Sections 4.2 through 4.4.

4.1 Results for the First Semiannual 2018 Groundwater Monitoring Event

The April/May 2018 analytical results for TPH, benzene, 1,2-DCA, MTBE, and TBA were used to develop isoconcentration contours and interpret the extent of these analytes in groundwater beneath the site. Isoconcentration contours for TPH, benzene, 1,2-DCA, MTBE, and TBA are shown on Figures 4 through 8, respectively. Analytical results from the current semiannual monitoring event (April/May 2018) and two previous semiannual monitoring events (April and October 2017) are also posted on these figures. The data labels are color-coded to indicate whether concentrations from the April/May 2018 semiannual event are increasing, decreasing, or stable compared with concentrations from the April 2017 semiannual event. A blue data label indicates a decrease in concentration greater than or equal to 10 percent from the previous year, a red label indicates an increase greater than or equal to 10 percent, and a white label indicates that the change is less than 10 percent or the change could not be determined because of insufficient data.

Laboratory analytical results for TPH, BTEX, 1,2-DCA, MTBE, TBA, di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), and tertiary amyl methyl ether (TAME) are summarized in Table 3; other VOCs analyzed by EPA Method 8260B are summarized in Table 4. Historical analytical results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME are presented in Appendix D. Time series charts for select monitoring and remediation wells are presented in Appendix E. Copies of the laboratory reports for the April 2018 semiannual monitoring event are presented in Appendix B. The following subsections summarize the results for selected analytes or analyte groups.

4.1.1 Total Petroleum Hydrocarbons

The analytical results for TPH-g and TPH-d reported for each well during the first semiannual 2018 monitoring event are summed and contoured as "TPH" on Figure 4. Where both TPH-g and TPH-d were detected, the TPH concentration included in the isoconcentration contour represents the sum of the detected concentrations. Where only one of the components was detected, that value was considered in the isoconcentration contouring. The concentrations of TPH-g and TPH-d components are listed separately in Table 3.

TPH-g was detected in 29 wells at the site in April/May 2018, with a maximum reported concentration of 3,600 micrograms per liter ($\mu\text{g/L}$) in GMW-69 in the eastern area. TPH-d was detected in 68 wells, with a maximum reported concentration of 14,000 $\mu\text{g/L}$ in GMW-25 in the south-central area. The maximum combined TPH concentration was also associated with GMW-25 (14,950 $\mu\text{g/L}$).

As shown on Figure 4, the following wells had TPH concentrations that increased or decreased by more than 10 percent relative to the April 2017 sampling event:

- Decrease: GMW-9, GMW-16, GMW-36, GMW-48, GMW-57, GMW-59, GMW-60, GMW-61, GMW-O-3, GMW-O-20, GMW-O-23, MW-9, MW-15R, MW-18 (MID), MW-29, MW-SF-1, MW-SF-6, MW-SF-13, MW-SF-15, PZ-5, and TF-21.
 - The largest decrease was reported at PZ-5 (17,000 $\mu\text{g/L}$ in April 2017 to 970 $\mu\text{g/L}$ in April 2018), located in the southeastern offsite area. These concentrations are within the historical range for this well, as indicated by the data in Appendix D.

- Increase: GMW-12, GMW-15, GMW-25, GMW-31, GMW-41, GMW-43, GMW-69, GMW-O-14, GW-2, GW-6, MW-22 (MID), MW-26, MW-27, PZ-2, TF-24, and TF-8.
 - The largest increase occurred at GMW-25 (3,700 µg/L in April 2017 to 14,950 µg/L in April 2018), located in the south-central area. These concentrations are within the historical range for this well, as indicated by the data in Appendix D.
- Detect to Nondetect (ND): GMW-66R, GMW-O-10, GMW-O-16, GMW-O-19, GWR-1R, WCW-2, and WCW-13.
- ND to Detect: GMW-6, GMW-13, GMW-19, GMW-28, GMW-42, GMW-44, GMW-65, GMW-O-24, GW-3, GW-8, GW-16, HL-2, MW-13, MW-16, and MW-24.

Additionally, the following wells contained concentrations of TPH-g and/or TPH-d in April/May 2018 that represent new historical minimum or maximum concentrations (excluding wells with fewer than three data points):

- New historical minimum TPH-g concentration: GMW-7, GMW-21, GMW-30, GMW-36, GMW-48, GMW-O-20, GW-15, MW-SF-6, PZ-3, TF-21, and TF-9R.
- New historical maximum TPH-g concentration: GMW-4R and MW-15R.
- New historical minimum TPH-d concentration: GMW-4R, GMW-30, GMW-O-20, GMW-O-23, GW-15, MW-9, MW-15R, MW-29, MW-SF-1, MW-SF-4, MW-SF-13, MW-SF-15, and TF-21.
- New historical maximum TPH-d concentration: GMW-21, GMW-25, GMW-43, GMW-O-21, MW-16, and TF-24.

The areal extent of TPH shown on Figure 4 is relatively similar to the extent inferred during the October 2017 monitoring event (SGI, 2017). Other observations regarding the April/May 2018 TPH plumes (and specifically, how they have changed relative to the October 2017 monitoring event) include the following:

- North-central/Eastern Area Plume
 - The extent of TPH to the north has decreased since October 2017 due to an ND concentration at GMW-56, and to the east due to ND concentrations at GMW-63 and GMW-64.
 - The detection of TPH at GMW-13 resulted in a larger plume extent to the south.
 - A small, isolated area in the eastern end of the plume where TPH is not present has appeared around GMW-67, due to an ND concentration at this well.
 - The inferred extent of TPH exceeding 1,000 µg/L has increased to the north to incorporate the north-central and eastern free product plumes, as the presence of product likely indicates that elevated concentrations exist in these areas. Additionally, the existence of the larger north-central free product plume resulted in the interpretation of a large, continuous area where TPH is inferred to exceed 1,000 µg/L (in October 2017, two separate areas exceeding 1,000 µg/L were depicted in this area; SGI, 2017).
- South-central Area Plume
 - On the northern edge of the plume, the extent of TPH expanded slightly to incorporate the small free product plume at GMW-10, but also decreased to the west of GMW-10 due to an ND concentration at HL-3.
 - The extent of TPH to the northeast has decreased due to an ND concentration at GMW-14R. and to the west/southwest due to an ND concentration at GMW-O-10.
 - The detection of TPH at GMW-O-3 resulted in an expansion of the plume extent to the south.
 - The northern and southwestern extent of TPH exceeding 1,000 µg/L has decreased, primarily due lower concentrations at GMW-O-20 and MW-SF-15.
 - The extent of TPH exceeding 10,000 µg/L has decreased substantially, and now only encompasses GMW-25.

- Southeastern Area Plume
 - The detection of TPH at GMW-O-24 resulted in a larger plume extent to the north.
 - The previously interpreted area of TPH exceeding 1,000 µg/L is not present in the current dataset due to a decline in concentration at PZ-5.
- TPH was not detected in wells west of the site or in any of the Exposition aquifer wells.

4.1.2 Benzene

Figure 5 presents the benzene isoconcentration contours interpreted from groundwater data collected during the April/May 2018 semiannual monitoring event. The California primary maximum contaminant level (MCL) for benzene is 1 µg/L (SWRCB, 2017). Analytical results indicate that benzene was detected in 27 wells in April/May 2018, and concentrations ranged from ND (in 87 wells) to a maximum of 1,000 µg/L in south-central area well GMW-O-21. Excluding wells with fewer than three data points, new historical minimum benzene concentrations were reported at GMW-4R, GMW-30, GMW-48, GMW-59, GMW-67, GMW-O-20, and MW-SF-6, and a new historical maximum concentration was reported at TF-24.

As shown on Figure 5, the following wells had benzene concentrations that increased or decreased by more than 10 percent relative to April 2017:

- Decrease: GMW-4R, GMW-36, GMW-48, GMW-59, GMW-61, GMW-O-20, GMW-O-23, MW-SF-6, MW-SF-13, and MW-SF-15.
 - The largest decrease was reported at PZ-5 (5,800 µg/L in April 2017 to ND in April 2018), located in the southeastern offsite area. Over the period of record, benzene concentrations at this well have ranged from ND (multiple events) to 70,000 µg/L (in April 2014).
- Increase: GMW-69, GMW-O-14, GMW-O-21, and TF-21.
 - The largest increase occurred at GMW-O-21 (55 µg/L in April 2017 to 1,000 µg/L in April 2018), located in the south-central area. Over the period of record, benzene concentrations at this well have ranged from 55 µg/L (in April 2017) to 19,000 µg/L (in October 2010).
- Detect to ND: GMW-9, GMW-28, GMW-60, GMW-67, GMW-O-3, GMW-O-16, GMW-O-19, GMW-O-24, MW-SF-1, MW-SF-4, and PZ-5.
- ND to Detect: GMW-15, GMW-19, GMW-47, MW-26, and TF-24.

Overall, the areal extent of benzene shown on Figure 5 is fairly similar to the extent inferred during the October 2017 monitoring event (SGI, 2017). Other observations regarding the April/May 2018 benzene plumes (and specifically, how they have changed relative to the October 2017 monitoring event) include the following:

- Isolated benzene plumes are no longer present around WCW-7, GW-3, and MW-24 in the northwestern corner of the site, due to ND concentrations at these wells.
- North-central/Eastern Area Plume
 - The extent of benzene has receded in the northeast due to ND concentrations at GW-16 and GMW-67.
 - Benzene detections at TF-24, GMW-15, GMW-19, and GMW-47, as well as the presence of the free product plume at GMW-45 and TFR-27, resulted in a larger plume extent to the north.
 - The western edge of the plume has expanded due to a detection at MW-26. However, there is a zone within the plume where benzene is not present, as inferred by ND concentrations at TF-8 and GMW-31.
 - The extent of benzene exceeding 100 µg/L has expanded to the north, to fully encompass the eastern and larger north-central free product plumes.

- South-central Area Plume
 - The western extent of the plume contracted, as indicated by an ND concentration at GMW-O-10.
 - The plume expanded slightly to the northwest to encompass the free product plume at GMW-23, as well as to the northeast as a result of a benzene detection at GMW-4R.
 - The western extent of benzene exceeding 100 µg/L decreased due to the lower concentration at GMW-O-20.
 - The previously interpreted area of benzene exceeding 1,000 µg/L is not present in the current dataset due to a decline in concentration at GMW-O-14 and GMW-O-21.
- Southeastern Area Plume
 - The northeastern extent of the benzene plume has receded due to an ND concentration at PZ-5.
- Benzene was not detected in wells west of the site or in any of the Exposition aquifer wells.

4.1.3 1,2-Dichloroethane

Figure 6 presents the 1,2-DCA isoconcentration contours interpreted from groundwater data collected during the April/May 2018 semiannual monitoring event. The California primary MCL for 1,2-DCA is 1 µg/L (SWRCB, 2017). Analytical results reported during this semiannual event indicate that 1,2-DCA was detected in 11 wells, and concentrations ranged from ND (in 103 wells) to a maximum of 8.8 µg/L in south-central area well GMW-O-10. A new historical minimum 1,2-DCA concentration was reported at GW-2 (ND), and a new historical maximum concentration was reported at GWR-1R (1.1 µg/L). 1,2-DCA was not detected in wells sampled in the eastern offsite area.

As shown on Figure 6, the following wells had 1,2-DCA concentrations that increased or decreased by more than 10 percent relative to April 2017:

- Decrease: MW-7 and MW-20 (MID).
 - The largest decrease was reported at MW-20 (MID) (9 µg/L in April 2017 to 7.9 µg/L in April 2018), located in the western onsite area. Over the period of record, 1,2-DCA concentrations at this well have ranged from 0.65 µg/L (in October 2015) to 2,200 µg/L (in May 2001).
- Increase: EXP-3, GW-13, GWR-1R, MW-22 (MID), and MW-6.
 - The largest increase was reported at MW-6 (0.99 µg/L in April 2017 to 7.5 µg/L in April 2018), located in the western onsite area. Over the period of record, 1,2-DCA concentrations at this well have ranged from ND (multiple events) to 130 µg/L (in November 1996).
- Detect to ND: GMW-26, GMW-O-14, GW-2, and PW-3.
- ND to Detect: GMW-O-10.

1,2-DCA is primarily present in the western/south-central portion of the site. The areal extent of 1,2-DCA presented on Figure 6 is slightly smaller than the extent inferred in October 2017 (SGI, 2017). Other observations regarding the April/May 2018 1,2-DCA plumes (and specifically, how they have changed relative to the October 2017 monitoring event) include the following:

- The extent of the western plume decreased in the north/northwest due to ND concentrations at WCW-3 and GW-2, in the southwest due to an ND concentration at GMW-26, and in the south because of ND concentrations at GMW-9 and GMW-25. The ND concentrations at GMW-9 and GMW-25 have also resulted in the depiction of an isolated plume around GMW-O-10 to the south (whereas previous detections at GMW-O-10 were interpreted to be connected to the main western plume body). Higher concentrations at MW-22 (MID), GW-13, and MW-7 resulted in an increased extent along the eastern/northeastern edge of this plume.
- A small, isolated 1,2-DCA detection (0.73 µg/L) was encountered in Exposition aquifer well EXP-3 in the southeastern area. 1,2-DCA has been periodically detected at this well in the past, at

concentrations of up to 1.3 µg/L (April 2011). 1,2-DCA results were ND at all other Exposition aquifer wells.

- The previously interpreted 1,2-DCA plume surrounding GMW-36 and GMW-O-15 in the southeastern area is no longer present due to an ND concentration at GMW-36 and the absence of analytical or free product data at GMW-O-15.
- As listed in Appendix D and shown on Figure 6, concentrations of 1,2-DCA in groundwater in the vicinity of the inactive West Side Barrier (located near the main entrance to the site) and in the western offsite area have remained consistently low. Pumping of the West Side Barrier wells was discontinued in August 2008; groundwater quality conditions in the area have been stable since then and will continue to be monitored.

4.1.4 Methyl Tertiary Butyl Ether

Figure 7 presents the MTBE isoconcentration contours interpreted from groundwater data collected during the April/May 2018 semiannual monitoring event. MTBE was detected in 31 wells in April/May 2018, and concentrations ranged from ND (in 83 wells) to a maximum of 11 µg/L in southern offsite well GMW-O-14 and north-central area well PZ-3. All detections were below the California primary MCL for MTBE (13 µg/L; SWRCB, 2017).

Excluding wells with fewer than three data points, new historical minimum MTBE concentrations were reported at GMW-9 and PZ-5, and new historical maximum concentrations were reported at GMW-14R, GWR-1R, MW-15R, and PZ-3. Due to low-level consecutive MTBE detections in EXP-1 between October 2014 and April 2017 (ranging from 0.81 to 2.2 µg/L), EXP-1 has been sampled on a quarterly basis since the fourth quarter of 2017 to evaluate changes in the MTBE concentration over time. MTBE was detected in EXP-1 on January 16, 2018 at a concentration of 2.7 µg/L; however, it was ND in October 2017 and April 2018.

As shown on Figure 7, the following wells had MTBE concentrations that increased or decreased by more than 10 percent relative to April 2017:

- Decrease: GMW-28, GMW-O-20, MW-20 (MID), MW-SF-6, MW-SF-13, MW-SF-15, and PZ-5.
 - The largest decrease was reported at PZ-5 (770 µg/L in April 2017 to 3.6 µg/L in April 2018), located in the southeastern offsite area. Over the period of record, MTBE concentrations at this well have ranged from 3.6 µg/L (this event) to 150,000 µg/L (in April 2014).
- Increase: GMW-14R, GMW-57, GMW-O-14, GMW-O-23, MW-6, MW-9, MW-21 (MID), MW-22 (MID), and PZ-2.
 - The largest increase was reported at GMW-O-14 (3.5 µg/L in April 2017 to 11 µg/L in April 2018), located in the south-central area. Over the period of record, MTBE concentrations at this well have ranged from ND (multiple events) to 64 µg/L (in October 2013).
- Detect to ND: EXP-1, GMW-9, GMW-36, GMW-O-16, MW-SF-1, and MW-SF-4.
- ND to Detect: GMW-19, GMW-25, GMW-47, GW-6, GW-13, GWR-1R, MW-15R, MW-24, and MW-27.

The areal extent of MTBE shown on Figure 7 is notably larger than the extent inferred during the October 2017 monitoring event (SGI, 2017). Other observations regarding the April/May 2018 MTBE plumes (and specifically, how they have changed relative to the October 2017 monitoring event) include the following:

- North-central/Eastern Area Plume
 - Whereas previously there were multiple isolated MTBE plumes interpreted in the northern half of the site, two larger continuous plumes are now inferred due to detections at MW-22 (MID), GW-13, and PZ-3.

- South-central Area Plume
 - One continuous plume is depicted in the south-central area (where two separate plumes were previously interpreted), primarily driven by the detection at GMW-O-14. However, there is an area within this larger plume where MTBE is not present, as indicated by the ND concentration at GMW-9.
 - The extent of MTBE has increased to the east due to a detection at GMW-14R.
- Southeastern Area Plume
 - The overall extent of MTBE in the southeastern area has receded due to an ND concentration at GMW-36 and a lower concentration at PZ-5.
- MTBE was not detected in wells west of the site or in any of the Exposition aquifer wells.

4.1.5 Tertiary Butyl Alcohol

Figure 8 presents the TBA isoconcentration contours interpreted from data collected during the April/May 2018 semiannual monitoring event. The California notification level for TBA is 12 µg/L (there is no MCL for TBA) (SWRCB, 2017). Analytical results indicate that TBA was detected in 20 wells in April/May 2018, and concentrations ranged from ND (in 94 wells) to a maximum of 97,000 µg/L in PZ-5 in the southeastern offsite area. Excluding wells with fewer than three data points, no new historical minimum TBA concentrations were reported, and new historical maximum concentrations were reported at GMW-21, GMW-28, and GMW-0-23.

As shown on Figure 8, the following wells had TBA concentrations that increased or decreased by more than 10 percent relative to April 2017:

- Decrease: GMW-36, MW-9, MW-19 (MID), and MW-SF-6.
 - The largest decrease was reported at GMW-36 (7,800 µg/L in April 2017 to 210 µg/L in April 2018), located in the southeastern corner of the site. Over the period of record, TBA concentrations at this well have ranged from ND (multiple events) to 13,000 µg/L (in September 2010).
- Increase: GMW-9, GMW-28, MW-SF-15, and PZ-5.
 - The largest increase was reported at PZ-5 (47,000 µg/L in April 2017 to 97,000 µg/L in April 2018), located in the southeastern offsite area. Over the period of record, TBA concentrations at this well have ranged from 20,000 µg/L (in November 2010) to 2.8 million µg/L (in April 2014).
- Detect to ND: GMW-60, GMW-O-14, MW-15R, MW-18 (MID), MW-20 (MID), MW-21 (MID), MW-SF-1, and MW-SF-13.
- ND to Detect: GMW-21, GMW-25, GMW-39, GMW-47, GMW-57, GMW-O-20, GMW-O-23, MW-22 (MID), and MW-27.

Overall, the areal extent of TBA in groundwater beneath the site presented on Figure 8 is larger than what was reported during the October 2017 monitoring event (SGI, 2017). Other observations regarding the April/May 2018 TBA plumes (and specifically, how they have changed relative to the October 2017 monitoring event) include the following:

- Isolated TBA plumes are no longer present around MW-20 (MID) and GMW-17R in the western onsite area, as a result of ND concentrations at these wells.
- Detections of TBA at GMW-21 (in the north-central area) and MW-22 (MID) and MW-27 (in the western area) have resulted in the interpretation of small, isolated plumes centered on these wells.
- North-central/Eastern Area Plume
 - The ND concentration at TF-21 has resulted in a slight contraction of the plume along its southeastern edge.

- The inferred area of TBA concentrations exceeding 100 µg/L has decreased in extent due to the decreased concentrations at GMW-47 and GMW-35R.
- South-central Area Plume
 - The extent of TBA decreased along the western edge due to the ND concentration at GMW-26, and along the northeastern edge due to ND concentrations at MW-SF-13, MW-18 (MID), and MW-21 (MID).
 - The detection of TBA at GMW-O-20 resulted in a larger plume extent to the south.
 - Higher concentrations at GMW-28, GMW-O-23, and MW-SF-6 resulted in the expansion of the areas where TBA exceeds 100 µg/L.
 - An area of TBA exceeding 1,000 µg/L was previously interpreted around MW-O-2; however, this well was not sampled in April/May 2018, and its exact concentration therefore cannot be confirmed. An area exceeding 1,000 µg/L is now interpreted around MW-SF-15, northwest of MW-O-2.
- Southeastern Area Plume
 - The extent of detected TBA, and the extent of TBA exceeding 100, 1,000, and 10,000 µg/L, have increased to the north due to a detection at GMW-39, as well as a notable increase in concentration at PZ-5.
 - The southwestern edge of the area of TBA exceeding 1,000 µg/L has receded due to the lower concentration measured at GMW-36.
- Offsite remediation wells GMW-O-15 and GMW-O-18 have historically shown elevated concentrations of TBA; however, these wells were not sampled during April/May 2018 due to the presence of free product.
- TBA was not detected in wells west of the site or in any of the Exposition aquifer wells.

4.1.6 Other Fuel Oxygenates

Pursuant to the RWQCB's request in March 2009, analysis for other fuel oxygenates including ETBE, DIPE, TBA, and TAME using EPA Method 8260B was included in the April 2018 sampling event (RWQCB, 2009a, 2009b). Analytical data for these compounds are provided in Table 3. ETBE and TAME were not detected in any of the samples collected during the April 2018 sampling event. DIPE was detected in 15 of the 114 wells sampled. Detected concentrations of DIPE were reported in wells in the western and south-central areas ranging from 1.3 µg/L at well MW-18(MID) to 130 µg/L at well GMW-O-14. There is no MCL for DIPE.

4.2 Quality Assurance/Quality Control

Alpha and American Analytics did not report any significant QA/QC issues with the analytical work performed during the April 2018 semiannual event. A total of 14 duplicate groundwater samples, 11 trip blanks, and 13 equipment blanks were submitted to the laboratories. All trip blank and equipment blank samples were reported as ND for all analytes of concern. Analytical results for duplicate groundwater samples and trip and equipment blanks are summarized in Tables 5 and 6, respectively.

Additionally, level one data quality evaluations were performed on the data reported by both laboratories. No significant data quality issues were identified during the evaluations, and the data were determined to be usable. The data quality evaluations are summarized in Appendix F.

4.3 Water Disposal

Purged groundwater from this monitoring event was treated at the onsite remediation systems. Purged groundwater extracted by Blaine Tech, on behalf of SFPP, was treated in the SFPP system located in the south-central area and discharged under National Pollutant Discharge Elimination System (NPDES)

Permit No. CA0063509. Purged groundwater extracted by SGI, on behalf of DLA, was treated in the DLA system located in the northern part of the site and discharged under NPDES Permit No. CAG834001.

4.4 Health and Safety

Field activities were conducted in accordance with site-specific health and safety procedures, including protocol for safe work practices during the field portion of the project. Personnel working at the site were required to adhere to the health and safety program.

5. Remediation System Operations and Effectiveness

5.1 System Operations

SFPP and DLA currently submit quarterly remediation progress reports to the RWQCB and the Restoration Advisory Board (RAB) to provide details of remediation system operations. DLA created a website (www.norwalkrab.com) to house project information including agendas, minutes, and presentations from RAB meetings dating back to 1994. In addition, historical project information and reports are located in the information repository at the Norwalk Regional Library.

5.1.1 DLA

The remediation system operated at the site by DLA consists of soil vapor extraction (SVE), GWE, and recovery of free product. DLA conducts GWE from two pumping wells (GW-2 and GW-13) in the northwestern corner of the site, and from two wells (GW-15 and GW-16) in the northeastern area bordering Holifield Park. The GWE system is designed to contain and reduce the extent of the free product and dissolved plumes. SVE is conducted from a network of vertical and horizontal wells that span the entire former aboveground tank farm area, and from the eastern and southern boundaries of the site. Localized recovery of free product is conducted in the north-central part of the site, and passive free product collection is conducted at specific wells.

Startup of an automated free product recovery system occurred on August 8, 2016, following the completion of permitting and well installation. The system consists of pneumatically activated product-removal pumps deployed in key wells located in the north-central portion of the site, including wells TF-18, RTF-18-NW, RTF-18-N, RTF-18-E, and TF-16. The automated free product recovery operations were temporarily halted at the site during construction and remedial piping installation. In 2017, DLA installed 118 additional remediation wells including SVE wells, biosparge points and free product recovery wells. Currently, DLA is completing the manifolding of more than 5 miles of conveyance piping for these recovery wells. The startup of the expanded remediation system is scheduled for the second half of 2018.

DLA Energy conducted shallow soil remediation from January 2015 to March 2017 in accordance with the RWQCB-approved *Soil Remedial Action Plan* (SGI, 2014), *Revised Field Sampling and Analysis Plan and Sampling Strategy* (SGI, 2015a), *Workplan for VOC Analysis Results Validation* (SGI, 2015b), and *Proposed Addendum to the Soil Cleanup Goals* (SGI, 2015c). Soils in areas identified for remediation were excavated and treated onsite. Treatment was achieved via the construction of soil biopiles that were connected to the SVE system. A total estimated volume of 67,574 cubic yards of petroleum-hydrocarbon-contaminated soil was excavated at the site to depths up to 35 feet below grade. The goal of this remediation was to clean up source area soils that contributed to the degradation of groundwater, and ready the real property of the site for eventual conveyance. Verification sampling included soil sampling and sampling of soil gas probes. After the RWQCB reviewed confirmation sample results, the RWQCB approved use of the treated soil as backfill for the remedial excavations. Soil removal and treatment reports have been filed with the RWQCB, and the shallow soil remediation report for the eastern 15 acres of the site has been approved by the RWQCB.

5.1.2 SFPP

The remediation systems operated by SFPP consist of SVE, TFE, GWE, and treatment of extracted soil vapor and groundwater to address the south-central and southeastern areas of the site. Biosparging is also employed in the south-central area to enhance natural attenuation of hydrocarbon constituents. SFPP previously operated a GWE system for remediation of the western offsite area (or West Side Barrier area), which ceased in August 2008 based on the reduced lateral extent and low concentrations of VOCs west of the site. SFPP is currently extracting groundwater from five wells in the south-central area (GMW-10, GMW-O-11, GMW-O-20, GMW-O-23, and MW-SF-3) and from one well in the southeastern 24-inch block valve area (GMW-SF-9). In April 2018, SFPP was also extracting groundwater from GMW-9 in the south-central area, and GMW-O-15, GMW-O-18, and GMW-36 in the southeastern 24-inch block valve area. The TFE and GWE systems are designed to contain and reduce the extent of

free product, provide hydraulic capture of dissolved constituents of concern, and lower the free product surface (where present) and groundwater table, thus exposing more hydrocarbon-impacted soil for SVE. Additionally, SFPP conducts manual bailing of free product from select wells, as needed.

In December 2015, SFPP completed installation of a horizontal biosparge system in the south-central area of the site to enhance natural attenuation of hydrocarbon constituents. Construction of the biosparge well is documented in the report titled, *Horizontal Biosparge Well and Soil Vapor Monitoring Probe Completion Report* (CH2M, 2015), and the location of the well is depicted on Figure 2 of that report. SFPP's SVE system has an interlock that prevents the biosparge system from operating unless the SVE system is operating, reducing the potential for off-gassing of VOCs during biosparge operations.

Pilot testing of the biosparge system began on January 6, 2016, and continued until both the SVE and biosparge systems were shut down on November 1, 2016, to facilitate replacement of the old thermal oxidizer with a new regenerative thermal oxidizer (RTO). Installation of the RTO was completed on June 6, 2017. The SVE was restarted on June 6, 2017, and the biosparge was restarted on June 27, 2017. Based on the favorable results of the pilot study, a second horizontal biosparge well (similar in design to the south-central biosparge well) was installed in the southeastern area of the site in November 2017. A construction completion report documenting construction activities and specifications was submitted to RWQCB in July 2018 (CH2M, 2018). A new air sparge compressor will be installed in 2018 to deliver ambient air to the new biosparge well, which will be appropriately sized to allow for future system expansion.

5.2 System Effectiveness

Based on the results presented in this report, it is believed that DLA's remediation systems in the north-central area and SFPP's remediation systems in the south-central and southeastern areas are effectively restricting migration of dissolved-phase constituents across the site. In general, the areal extent of dissolved-phase plumes has been reduced from the historical maximum extent and appears to be consistent with previous monitoring events.

- With the exception of detections of TPH and 1,2-DCA at WCW-7 (located just west of the site), dissolved-phase constituents have not been detected offsite to the west, indicating the plumes in the western area generally have been contained onsite.
- Dissolved TPH and benzene in the eastern area are interpreted to extend offsite to the east, with TPH extending just beyond GMW-65, and benzene extending beyond GMW-69. MTBE and TBA are also inferred to extend slightly offsite in this area, based on the presence of free product in GMW-68. Dissolved-phase constituents are not detected in wells GMW-63 and GMW-64 located to the east.
- Relative to the October 2017 monitoring event, the offsite extent of TPH in the south-central area has expanded slightly south of Cheshire Street due to a detection of TPH at GMW-O-3. TPH was last detected in this well in April 2017. The offsite extent of other dissolved-phase constituents in the vicinity is limited to areas north of Cheshire Street, consistent with previous monitoring events. SFPP will continue to extract groundwater in the south-central area and monitor for TPH, BTEX, MTBE, and other constituents.
- In the southeastern area, the areal extent of the dissolved-phase plume has been relatively consistent since hydrocarbon constituents were pulled downgradient from wells GMW-36 and GMW-O-15, after extraction activities were initiated at well GMW-O-18 in April 2010 in response to a request from RWQCB. However, the benzene, 1,2-DCA, and MTBE plume extents in this area have decreased, relative to October 2017. Also, the concentration of TBA has increased at PZ-5 since the last sampling event, but overall has decreased since 2014, when a maximum concentration of 2.8 million µg/L was measured. With the exception of recent minor detections of TPH (59 µg/L in April 2018) and benzene (0.8 µg/L in April 2017), downgradient well GMW-O-24 has not had detectable hydrocarbon constituents since the second semiannual 2015 event. SFPP will continue to extract groundwater in the southeastern area and monitor for MTBE and other constituents.

SFPP continues to monitor the amount of free product that has accumulated in the product holding tank of the groundwater treatment system. Trace free product (less than 1 gallon) accumulated in the tank

during the first half of 2018. The magnitude and extent of free product in the south-central area has declined substantially since April 2015. It is believed that the decrease in product thickness and areal extent is a result of biosparge operations that have been implemented in the south-central area since January 2016. A total of 1,289,090 gallons of groundwater were extracted during the first half of 2018 by the GWE system. Since SFPP's GWE system operations first began in 1996, approximately 103.8 million gallons of groundwater have been extracted from the south-central, southeastern, and West Side Barrier areas; hydrocarbon mass removed by the GWE system is estimated to be 18,425 pounds. During the first half of 2018, an estimated 14.4 pounds of hydrocarbon mass was removed. TFE and manual product removal from extraction wells will continue to be performed during the third and fourth quarters of 2018 to maximize product removal across the site. Additionally, since SVE implementation in September 1995, a cumulative mass of 3,532,511 pounds of VOCs have been removed.

The low detections of MTBE and 1,2-DCA and the estimated plume extents in the western area do not warrant restarting the West Side Barrier treatment system. VOCs and TPH will continue to be monitored in this area.

DLA's GWE system has extracted over 74.7 million gallons of groundwater since April 1996, with an associated mass removal estimated at nearly 10,000 pounds of diesel-range organic compounds. The system continues to successfully contain and reduce the extent of the free product and dissolved plumes. Nearly 7,000 gallons of product have been removed since January 2014 via bailing, skimming, the use of absorbent socks, and the recently added automated product recovery system. During the first few months of 2018, the groundwater treatment system only operated intermittently from January 8 to 23, 2018, and February 22 to 28, 2018, pending the completion of compound modification and upgrade work, as well as due to higher copper concentrations and negative fish bioassay results that required evaluation and implementation measures that were tested from late April to early May 2018 when operations temporarily resumed. The system was offline again until late May 2018 pending confirmation of compliance with all discharge limits, at which point full-scale operations resumed and have continued through June 2018.

Additionally, the SVE system operated by DLA continues to successfully remediate the vadose zone with nearly 3 million pounds of gasoline-range organic compounds removed to date. DLA anticipates that biosparge system operations will resume on an expanded basis during the second half of 2018.

6. Summary

The first semiannual 2018 groundwater monitoring event was conducted from April 17 to May 15, 2018. Groundwater quality conditions observed during this monitoring event are roughly similar to observations from the October 2017 semiannual monitoring event. Free product accumulation across the site has, on average, increased relative to the April and October 2017 monitoring events, which may be attributable to low precipitation and lower groundwater elevations in 2018. However, free product thicknesses in the south-central area have mostly decreased, likely due to biosparge system operations in that area that have occurred since 2016. In general, the areal extent of dissolved-phase plumes has been reduced from the historical maximum extent and appears to be consistent with previous monitoring events.

6.1 Groundwater Flow Conditions

Groundwater elevations in the uppermost groundwater zone decreased over most of the site (by up to 5.2 feet) relative to the 2017 monitoring events. Groundwater levels in the Exposition aquifer have increased between 0.02 and 0.43 foot since April 2017. Similar to the flow conditions observed in October 2017, groundwater flow in the uppermost groundwater zone during this monitoring event was primarily converging toward groundwater depressions present in the south-central, north-central, and eastern areas, with estimated horizontal hydraulic gradients ranging between approximately 0.0019 to 0.0137 ft/ft. The groundwater flow pattern in the Exposition aquifer was also similar to that observed in October 2017, with horizontal hydraulic gradients of 0.00006 ft/ft toward the east-southeast in the central and northwestern portions of the gauging area, and 0.0004 ft/ft toward the northwest in the eastern and southeastern offsite areas.

6.2 Distribution of Free Product

During this semiannual monitoring event, measurable free product was observed in 31 of the 179 wells that were gauged:

- North-central area: wells EP-73, GMW-18, GMW-45, GW-14R, TF-15, TF-16, TF-17R/EP-72, TF-18, TFR-9, TFR-12, TFR-14, TFR-15, TFR-18, TFR-22, TFR-24, TFR-27, TFR-29, TFR-33, RTF-18-E, RTF-18-N, RTF-18-NNW, RTF-18-NW, and RTF-18-W
- Eastern area: wells GMW-58, GMW-62, and GMW-68
- South-central area: wells GMW-10, GMW-23, GMW-O-12, and MW-O-2
- Southeastern area: well GMW-O-15

Free product was detected at thicknesses ranging from 0.01 foot to 7.42 feet. The overall magnitude and extent of free product across much of the site has increased; however, the apparent increase in extent is primarily due to the detection of product in new wells in the north-central area that did not exist during prior monitoring events. In the south-central area, the extent of free product was more dispersed in April 2018 than it was in April 2017, but free product was detected in fewer wells and product thicknesses decreased at nearly all wells. It is believed that the decrease in product thickness is a result of biosparging that has been implemented in the south-central area since January 2016.

6.3 Dissolved-Phase Constituents

6.3.1 Total Petroleum Hydrocarbons

The areal extent of TPH in April/May 2018 was generally similar to the October 2017 interpretation. In the north-central and eastern areas of the site, the northern and eastern extents of the plume decreased based on ND concentrations at GMW-56, GMW-66R, GMW-63, and GMW-64, while the southern extent of the plume increased to encompass GMW-13. The areal extent of the plume in the south-central area increased to the northeast (to encompass the free product plume at GMW-10) and south (to encompass GMW-O-3), but decreased slightly to the north, northeast, and west due to ND concentrations at HL-3,

GMW-14R, and GMW-O-10. The TPH plume in the southeastern area increased in extent to the north to encompass GMW-O-24.

6.3.2 Benzene

Benzene was not detected in wells west of the site nor in any of the Exposition aquifer wells in April/May 2018. The areal extent of the benzene plume in the north-central area was larger than the October 2017 interpretation, with expansion occurring to the north and west, although the northeastern portion of the plume receded (based on ND results at GW-16 and GMW-67). In the south-central area, the northwestern and northeastern extents increased to encompass GMW-4R and the free product plume at GMW-23, while the western extent decreased based on an ND concentration at GMW-O-10. There was a decrease in the extent of the benzene plume in the southeastern area based on an ND result at PZ-5. Additionally, isolated benzene plumes are no longer present around WCW-7, GW-3, and MW-24 in the northwestern corner of the site, due to ND concentrations at these wells.

6.3.3 1,2-Dichloroethane

The areal extent of 1,2-DCA in April/May 2018 (primarily present in the western/south-central portion of the site) was slightly smaller than the October 2017 interpretation, as 1,2-DCA concentrations were ND at WCW-3, GW-2, GMW-26, GMW-9, and GMW-25. However, higher concentrations at MW-22 (MID), GW-13, and MW-7 resulted in an increased extent to the east-northeast. Additionally, 1,2-DCA was detected at Exposition aquifer well EXP-3. 1,2-DCA was not detected in the remaining four Exposition aquifer wells, nor in wells in the eastern and southeastern areas of the site during the April/May 2018 monitoring event.

6.3.4 Methyl Tertiary Butyl Ether

All MTBE concentrations detected during this monitoring event were below the MCL for MTBE. The distribution of MTBE, as inferred by the April 2017/2018 dataset, appears to be larger than the October 2017 interpretation. The multiple isolated MTBE plumes in the northern half of the site have been incorporated into two larger, continuous plumes, of which the western plume is inferred based on detections at MW-22 (MID), GW-13, and PZ-3. In the south-central area, the two separate plumes interpreted in October 2017 have also been joined into a continuous plume (primarily due to a detection at GMW-O-14), and the extent of MTBE has increased to the east to encompass GMW-14R. The extent of detected MTBE in the southeastern area receded due to an ND result at GMW-36 and a decrease in concentration at PZ-5. EXP-1 has been sampled on a quarterly basis since the fourth quarter of 2017 to evaluate changes in the MTBE concentration over time. MTBE was detected in EXP-1 in January 2018 at a concentration of 2.7 µg/L; however, it was not detected in October 2017 or April 2018. MTBE was not detected in any of the other Exposition aquifer wells, or offsite wells to the west or south of Cheshire Street during the April/May 2018 monitoring event.

6.3.5 Tertiary Butyl Alcohol

The areal extent of TBA in April/May 2018 was larger than that interpreted for October 2017. The extent of TBA in the north-central and eastern areas contracted slightly in the southeast based on an ND result at TF-21. In the south-central area, the extent of TBA decreased slightly along the western plume edge due to an ND result at GMW-26, and along the northeastern plume edge due to ND results at MW-SF-13, MW-18 (MID), and MW 21 (MID); however, the extent increased to the south to encompass GMW-O-20. The extent of TBA in the southeastern area increased to the north due to a detection at GMW-39 and an increased concentration at PZ-5. Additionally, TBA was detected at MW-22 (MID) and MW-27 in the western onsite area, and GMW-21 in the north-central area. Isolated TBA plumes are no longer present around MW-20 (MID) and GMW-17R (in the western onsite area) due to ND concentrations at these wells. TBA was not detected in any Exposition aquifer wells nor in offsite wells west of the site or south of Cheshire Street during the April/May 2018 monitoring event.

6.3.6 Other Fuel Oxygenates

Other fuel oxygenates including ETBE, DIPE, and TAME were analyzed during the April 2018 semiannual event. ETBE and TAME were not detected in any of the samples collected in April 2018. Of the 114 wells sampled, DIPE was detected in 15 wells located in the western and south-central areas, with concentrations ranging from 1.3 µg/L at well MW-18(MID) to 130 µg/L at well GMW-O-14.

6.4 System Effectiveness

Based on the results presented in this report, it is believed that DLA's remediation systems in the north-central area and SFPP's remediation systems in the south-central and southeastern areas are effectively restricting migration of dissolved-phase constituents across the site.

- As a result of hydraulic containment by the treatment systems and natural attenuation mechanisms, the areal extent of dissolved-phase plumes has been reduced from the historical maximum extent and appears to be consistent with previous monitoring events. The hydraulic containment systems will continue to be operated.
- The magnitude and extent of free product in the south-central area has declined substantially since April 2015. It is believed that the decrease in product thickness and areal extent is a result of increased precipitation and/or biosparge operations that have been implemented in the south-central area since January 2016 (although the biosparge system was shut down between November 2016 and June 2017). TFE and manual product removal from extraction wells will continue to be performed during the third and fourth quarters of 2018 to maximize product removal across the site.
- The low detections of MTBE and 1,2-DCA and the estimated plume extents in the western area do not warrant restarting the West Side Barrier treatment system. VOCs and TPH will continue to be monitored in this area.

7. References

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Tables

Table 1. Monitoring Well Summary
Defense Fuel Support Point, Norwalk, California

Well	Installation Date	Installed By	Total Depth (feet bgs)	Casing Diameter (inches)	Screen Interval (feet bgs)	Slot Size (inches)	Casing Elevation (feet amsl)
BW-1	5/16/1996	GMX	55	5	31.9 - 51.4	0.01	73.17
BW-2	5/20/1996	GMX	53.5	5	27 - 46.5	0.01	73.57
BW-3	5/17/1996	GMX	55.5	5	30.6 - 50	0.01	74.16
BW-4	5/20/1996	GMX	53.1	5	28.2 - 47	0.01	74.61
BW-5R	06/08/17	SGI	50.0	4	20 - 50	0.010	73.58
BW-6	5/22/1996	GMX	52.4	5	27.6 - 46.9	0.01	73.48
BW-7	5/22/1996	GMX	52	5	27.1 - 46.3	0.01	74.65
BW-8	5/21/1996	GMX	51.5	5	27 - 46.4	0.01	75.08
BW-9	5/21/1996	GMX	52.5	5	26.9 - 46.4	0.01	76.19
EP-71	06/05/17	SGI	40.0	4 (steel)	20 - 40	0.020	77.74
EP-72/TF-17R	06/07/17	SGI	40.0	4 (steel)	20 - 40	0.020	77.63
EP-73	06/07/17	SGI	40.0	4 (steel)	20 - 40	0.020	77.21
EP-74	06/05/17	SGI	40.0	4 (steel)	20 - 40	0.020	77.49
EXP-1	3/6/1992	WC	128.5	4	82 - 122	0.01	78.44
EXP-2	10/15/1992	WC	149	4	90 - 120	0.02	79.43
EXP-3	10/20/1992	WC	150	4	85 - 115	0.01	77.58
EXP-4	7/7/1998	GMX	118	4	96.1 - 115.2	0.02	79.81
EXP-5	7/8/1998	GMX	120	4	94.4 - 113.4	0.02	72.41
GMW-1	5/16/1991	GTI	50	4	20 - 50	0.01	74.77
GMW-2	5/16/1991	GTI	50	4	20 - 50	0.01	73.57
GMW-3	5/17/1991	GTI	50	4	20 - 50	0.01	75.10
GMW-4R	11/1/2016	SGI	50	4	20 - 50	0.02	--
GMW-5	5/21/1991	GTI	50	4	20 - 50	0.01	77.61
GMW-6	7/9/1991	GTI	50	4	25 - 50	0.01	77.31
GMW-7	7/9/1991	GTI	50	4	25 - 50	0.01	76.87
GMW-8	7/10/1991	GTI	50	4	25 - 50	0.01	73.20
GMW-9	7/8/1991	GTI	50	4	20 - 50	0.01	77.16
GMW-10	7/8/1991	GTI	50	4	25 - 50	0.01	73.35
GMW-11	7/9/1991	GTI	50	4	20 - 50	0.01	72.90
GMW-12	7/9/1991	GTI	50	4	25 - 50	0.01	75.21
GMW-13	7/8/1991	GTI	50	4	25 - 50	0.01	74.17
GMW-14R	10/31/2016	SGI	50	4	20 - 50	0.02	78.77
GMW-15	7/30/1991	GTI	50	4	25 - 50	0.01	76.21
GMW-16	8/1/1991	GTI	50	4	25 - 50	0.01	77.00
GMW-18	7/31/1991	GTI	50	4	25 - 50	0.01	75.36
GMW-19	7/31/1991	GTI	50	4	25 - 50	0.01	76.83
GMW-20	8/1/1991	GTI	50	4	25 - 50	0.01	75.10
GMW-21	8/2/1991	GTI	50	4	25 - 50	0.01	76.23
GMW-22	8/2/1991	GTI	61	4	25 - 60	0.01	77.24
GMW-23	8/2/1991	GTI	60	4	25 - 60	0.01	74.85
GMW-24	8/5/1991	GTI	60	4	25 - 60	0.01	77.48
GMW-25	1/10/1992	GTI	50	6	20 - 50	0.01	78.14
GMW-26	1/7/1992	GTI	51.5	4	20 - 50	0.01	74.52
GMW-27R	06/08/17	SGI	50.0	4	20 - 50	0.010	77.15
GMW-28	1/7/1992	GTI	50	4	20 - 50	0.01	74.68
GMW-29	1/9/1992	GTI	50	4	20 - 50	0.01	77.57
GMW-30	1/9/1992	GTI	51.5	6	20 - 50	0.01	74.91
GMW-31	6/2/1993	GTI	65	4	25 - 65	0.01	76.50
GMW-32R	11/9/2016	SGI	50	4	20 - 50	0.02	--
GMW-33	6/1/1993	GTI	50	4	20 - 50	0.02	74.88
GMW-34	6/3/1993	GTI	50	4	20 - 50	0.02	75.25
GMW-35R	11/8/2016	SGI	50	4	20 - 50	0.02	75.90
GMW-36	4/11/1994	GTI	50	4	20 - 50	0.01	76.66
GMW-37	4/11/1994	GTI	50	4	20 - 50	0.01	77.32

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GMW-38	4/12/1994	GTI	50	4	20 - 50	0.01	75.47
GMW-39	4/12/1994	GTI	50	4	20 - 50	0.01	75.05
GMW-40	6/29/1994	GTI	50.5	4	20 - 50	0.01	73.13
GMW-41	6/30/1994	GTI	50.5	4	20 - 50	0.01	74.46
GMW-42	6/30/1994	GTI	50.5	4	20 - 50	0.01	75.50
GMW-43	7/1/1994	GTI	50.5	4	20 - 50	0.01	74.44
GMW-44	7/1/1994	GTI	50.5	4	20 - 50	0.01	74.45
GMW-45	7/1/1994	GTI	50.5	4	20 - 50	0.01	75.67
GMW-46	7/5/1994	GTI	50.5	4	20 - 50	0.01	76.10
GMW-47	7/5/1994	GTI	50.5	4	20 - 50	0.01	75.98
GMW-48	7/5/1994	GTI	50.5	4	20 - 50	0.01	75.03
GMW-49	7/6/1994	GTI	50.5	4	20 - 50	0.01	74.75
GMW-50	12/19/1994	GTI	46.5	4	15 - 45	0.01	75.51
GMW-51	12/19/1994	GTI	41.5	4	15 - 40	0.01	75.93
GMW-52R	06/05/17	SGI	50.0	4	20 - 50	0.010	77.62
GMW-53	12/19/1994	GTI	46.5	4	15 - 45	0.01	74.90
GMW-54	12/20/1994	GTI	46.5	4	15 - 45	0.01	75.16
GMW-55	12/20/1994	GTI	41.5	4	15 - 40	0.01	74.60
GMW-56	8/12/1998	FDGTI	55	2	20 - 55	0.02	76.50
GMW-56	8/12/1998	FDGTI	55	4	20 - 55	0.02	76.52
GMW-57	8/13/1998	FDGTI	55	2	19 - 54	0.02	76.66
GMW-57	8/13/1998	FDGTI	55	4	19 - 54	0.02	76.66
GMW-58	8/14/1998	FDGTI	55	2	20 - 55	0.02	75.46
GMW-58	8/14/1998	FDGTI	55	4	20 - 55	0.02	75.48
GMW-59	8/14/1998	FDGTI	55	2	20 - 55	0.02	75.28
GMW-59	8/14/1998	FDGTI	55	4	20 - 55	0.02	75.28
GMW-60	4/14/2004	Parsons	50	4	25 - 40	0.01	76.24
GMW-61	4/14/2004	Parsons	50	4	30 - 40	0.01	75.60
GMW-62	6/2/2007	Parsons	40.5	4	20 - 40	0.02	76.34
GMW-63	9/29/2008	Parsons	41	4	20 - 40	0.02	77.32
GMW-64	9/29/2008	Parsons	41	4	19.5 - 39.5	0.02	75.84
GMW-65	7/6/2009	Parsons	41.5	4	21 - 41	0.02	76.78
GMW-66R	4/7/2016	SGI	45	4	20-45	0.02	79.23
GMW-67	7/13/2015	SGI	47	4	25-45	0.02	76.00
GMW-68	7/15/2016	SGI	45	4	25-45	0.02	75.52
GMW-69	7/14/2015	SGI	45	4	25-45	0.02	75.31
GMW-O-1	3/4/1992	GTI	51.5	4	19 - 49.5	0.01	71.45
GMW-O-2	3/2/1992	GTI	51.5	4	20 - 50	0.01	72.54
GMW-O-3	3/2/1992	GTI	51.5	4	20 - 50	0.01	72.19
GMW-O-4	3/3/1992	GTI	51.5	4	20 - 50	0.01	71.95
GMW-O-4 (MID)	3/3/1992	GTI	66.5	4	54.5 - 64.5	0.01	72.24
GMW-O-5	3/4/1992	GTI	51.5	4	20 - 50	0.01	72.36
GMW-O-6	5/18/1992	GTI	51.5	4	20 - 50	0.01	71.41
GMW-O-7	5/19/1992	GTI	51.5	4	20 - 50	0.01	70.98
GMW-O-8	5/18/1992	GTI	51	4	19.5 - 49.5	0.01	70.91
GMW-O-9	7/29/1992	GTI	51.5	4	20 - 50	0.01	73.50
GMW-O-10	7/29/1992	GTI	51.5	4	20 - 50	0.01	73.98
GMW-O-11	5/20/1992	GTI	51.5	4	20 - 50	0.01	74.17
GMW-O-12	5/21/1992	GTI	51.5	4	20 - 50	0.01	73.49
GMW-O-14	5/20/1992	GTI	51.5	4	20 - 50	0.01	74.08
GMW-O-15	4/19/1994	GTI	50	4	20 - 50	0.02	74.23
GMW-O-16	4/19/1994	GTI	50	4	20 - 50	0.02	74.10
GMW-O-17	7/26/1994	GMX	41	4	20.4 - 39.5	0.01	73.78
GMW-O-18	7/25/1994	GMX	41	4	20.8 - 40.4	0.01	74.36

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GMW-O-19	7/29/1994	GMX	41.5	4	20.2 - 39.9	0.01	74.46
GMW-O-20	6/15/1995	GMX	45.9	4	---	---	73.32
GMW-O-21	10/1/1997	GMX	45.9	4	25.5 - 45.5	0.01	71.43
GMW-O-22	---	GMX	41	4	---	---	74.36
GMW-O-23	6/25/2007	GMX	44	4	20 - 40	0.02	73.63
GMW-O-24	9/24/2012	CH2M	45	4	20 - 40	0.01	74.39
GMW-SF-7	7/27/1994	GMX	41	4	20.1 - 39.9	0.01	75.26
GMW-SF-8	7/28/1994	GMX	41	4	19.5 - 39.5	0.01	76.75
GMW-SF-9	4/1/2003	GMX	47	4	36.6 - 46.2	0.02	73.05
GMW-SF-10	9/23/2003	GMX	47	4	36.7 - 46.4	0.02	75.77
GW-1	6/12/1995	GTI	63	1	25 - 60	0.02	75.46
GW-1	6/12/1995	GTI	63	4	25 - 60	0.02	75.97
GW-2	6/12/1995	GTI	63	1	25 - 60	0.02	76.39
GW-2	6/12/1995	GTI	63	4	25 - 60	0.02	75.78
GW-3	6/13/1995	GTI	63	1	25 - 60	0.02	76.56
GW-3	6/13/1995	GTI	63	4	25 - 60	0.02	75.79
GW-4	6/13/1995	GTI	63	1	24 - 59	0.02	74.77
GW-4	6/13/1995	GTI	63	4	24 - 59	0.02	73.86
GW-5R	11/9/2016	SGI	50	4	20 - 50	0.02	79.06
GW-6	6/15/1995	GTI	63	1	25 - 60	0.02	77.41
GW-6	6/15/1995	GTI	63	4	25 - 60	0.02	76.38
GW-7	6/16/1995	GTI	63	1	25 - 60	0.02	76.76
GW-7	6/16/1995	GTI	63	4	25 - 60	0.02	75.02
GW-8	6/14/1995	GTI	63	1	24 - 59	0.02	76.88
GW-8	6/14/1995	GTI	63	4	24 - 59	0.02	76.15
GW-13	4/26/2007	Parsons	65	1	25 - 65	0.02	77.00
GW-13	4/26/2007	Parsons	67	6	25 - 65	0.02	76.85
GW-14R	11/8/2016	SGI	50	4	20 - 50	0.02	78.77
GW-15	4/26/2007	Parsons	62.5	1	20.5 - 60.5	0.02	75.36
GW-15	4/24/2007	Parsons	62.5	6	20.5 - 60.5	0.02	74.94
GW-16	7/7/2009	Parsons	61.3	1	21 - 61	0.02	76.55
GW-16	7/7/2009	Parsons	62.5	6	20.5 - 60.5	0.02	76.33
GW-17R	11/10/2016	SGI	50	4	20 - 50	0.02	77.79
GWR-1R	11/10/2016	SGI	50	4	20 - 50	0.02	76.64
GWR-2	7/12/1991	GTI	50	4	25 - 50	0.01	73.66
GWR-3	1/10/1992	GTI	50	6	20 - 50	0.01	77.60
HL-1	10/14/1986	HLA	39	4	18 - 38	0.01	75.83
HL-2	10/13/1986	HLA	39	4	16.5 - 36.5	0.01	76.94
HL-3	10/15/1986	HLA	44	4	19 - 39	0.01	76.86
HL-4R	06/08/17	SGI	50.0	4	20 - 50	0.010	77.08
HL-5	10/16/1986	HLA	39.5	4	18.5 - 39	0.01	76.13
MW-6	8/9/1990	WC	50	4	18 - 48	0.01	77.20
MW-7	8/27/1990	WC	50	4	19 - 48	0.01	78.13
MW-8	8/24/1990	WC	51	4	18 - 48	0.01	76.06
MW-9	8/8/1990	WC	50	4	18 - 48	0.01	77.11
MW-10	8/24/1990	WC	51	4	18 - 48	0.01	79.12
MW-11	8/9/1990	WC	50	4	18 - 48	0.01	78.17
MW-12	8/27/1990	WC	50	4	18 - 48	0.01	75.76
MW-13	8/23/1990	WC	50	4	18 - 48	0.01	78.25
MW-14	8/7/1990	WC	50	4	18 - 48	0.01	78.60
MW-15R	10/31/2016	SGI	50	4	20 - 50	0.02	--
MW-16	8/8/1990	WC	50	4	18 - 48	0.01	76.87
MW-17	8/6/1990	WC	50	4	18 - 48	0.01	77.86
MW-18 (MID)	6/10/1991	WC	62.2	4	50 - 60	0.01	75.67

Table 1. Monitoring Well Summary

Defense Fuel Support Point, Norwalk, California

Well	Installation Date	Installed By	Total Depth (feet bgs)	Casing Diameter (inches)	Screen Interval (feet bgs)	Slot Size (inches)	Casing Elevation (feet amsl)
MW-19 (MID)	6/11/1991	WC	62.2	4	49.5 - 59.5	0.01	78.14
MW-20 (MID)	6/12/1991	WC	65.7	4	43 - 53	0.01	77.19
MW-21 (MID)	6/12/1991	WC	62.4	4	47 - 57	0.01	77.55
MW-22 (MID)	6/13/1991	WC	57.9	4	42 - 52	0.01	79.57
MW-23 (MID)	6/14/1991	WC	57.1	4	42 - 52	0.01	79.59
MW-24	6/14/1991	WC	47	4	14 - 44	0.01	77.67
MW-25	6/17/1991	WC	47.2	4	22.5 - 42.5	0.01	79.15
MW-26	6/17/1991	WC	47.3	4	23.5 - 43.5	0.01	77.40
MW-27	6/17/1991	WC	52.3	4	18 - 48	0.01	78.46
MW-28	6/19/1991	WC	51.5	4	16.5 - 46.5	0.01	78.53
MW-29	6/19/1991	WC	52.4	4	17.5 - 47.5	0.01	79.13
MW-O-1	1/22/1991	GMX	40	2	25 - 40	0.02	75.48
MW-O-2	1/23/1991	GMX	40	2	25 - 40	0.02	71.90
MW-O-3	10/25/1991	GMX	41	6	20 - 39.5	0.01	74.53
MW-O-4	10/25/1991	GMX	41	4	20 - 40	0.01	75.00
MW-SF-1	6/18/1990	GMX	40	4	25 - 40	0.02	78.93
MW-SF-2	6/19/1990	GMX	40	4	25 - 40	0.02	78.53
MW-SF-3	6/18/1990	GMX	40	4	25 - 40	0.02	78.12
MW-SF-4	6/19/1990	GMX	40	4	25 - 40	0.02	79.38
MW-SF-5	9/19/1990	GMX	40	4	23 - 38	0.02	79.74
MW-SF-6	9/19/1990	GMX	40	4	24 - 39	0.02	76.80
MW-SF-9	6/15/1995	GMX	40	4	25 - 40	---	74.10
MW-SF-10	9/23/2003	GMX	30.5	4	10.3 - 29.9	0.02	76.53
MW-SF-11	6/19/2007	GMX	44	4	20 - 40	0.02	78.56
MW-SF-12	6/18/2007	GMX	44	4	20 - 40	0.02	78.07
MW-SF-13	6/19/2007	GMX	44	4	20 - 40	0.02	73.40
MW-SF-14	6/21/2007	GMX	44	4	20 - 40	0.02	78.16
MW-SF-15	6/21/2007	GMX	44	4	20 - 40	0.02	78.27
MW-SF-16	6/20/2007	GMX	44	4	20 - 40	0.02	78.21
PO-7	5/1/1989	GW	56	4	29 - 49	0.02	80.26
PW-1	1/6/1992	GTI	51.5	4	20 - 50	0.01	75.52
PW-2	1/6/1992	GTI	50	4	20 - 50	0.01	74.71
PW-3	1/6/1992	GTI	50	4	20 - 50	0.01	73.71
PZ-1	7/12/1991	GTI	50	2	25 - 50	0.01	73.74
PZ-2	7/12/1991	GTI	50	2	25 - 50	0.01	73.96
PZ-3	6/3/1993	GTI	65	2	25 - 65	0.02	76.17
PZ-4	6/2/1993	GTI	60	2	25 - 60	0.02	76.13
PZ-5	9/26/2000	GMX	40.3	4	20.6 - 39.4	0.01	73.97
PZ-6	9/26/2000	GMX	37.5	4	22.8 - 37.8	0.01	73.91
PZ-7A	4/7/2003	GMX	32	2	21.5 - 31.2	0.01	73.87
PZ-7B	4/7/2003	GMX	47.5	2	42 - 46.7	0.01	73.79
PZ-8A	4/8/2003	GMX	31.5	2	21.2 - 31	0.01	75.81
PZ-8B	4/8/2003	GMX	47	2	41.4 - 46.2	0.01	75.69
PZ-9A	4/9/2003	GMX	32	2	21.6 - 30.9	0.01	76.14
PZ-9B	4/9/2003	GMX	47	2	41.5 - 46.2	0.01	76.26
PZ-10	4/10/2003	GMX	38.5	2	23.2 - 37.9	0.02	74.34
RTF-18-E	12/28/2015	SGL	40	4	25-40	0.02	75.19
RTF-18-N	12/28/2015	SGL	40	4	25-40	0.02	75.17
RTF-18-NNW	12/29/2015	SGL	40	4	25-40	0.02	76.77
RTF-18-NW	12/29/2015	SGL	40	4	25-40	0.02	76.22
RTF-18-W	12/28/2015	SGL	40	4	25-40	0.02	74.86
TF-8	9/22/1995	GTI	63	1.5	25 - 60	0.02	75.60
TF-8	9/22/1995	GTI	63	4	25 - 60	0.02	74.86

Table 1. Monitoring Well Summary
Defense Fuel Support Point, Norwalk, California

Well	Installation Date	Installed By	Total Depth (feet bgs)	Casing Diameter (inches)	Screen Interval (feet bgs)	Slot Size (inches)	Casing Elevation (feet amsl)
TF-9R	06/06/17	SGI	50.0	4	20 - 50	0.020	78.00
TF-10	9/25/1995	GTI	63	1.5	25 - 60	0.02	74.19
TF-10	9/25/1995	GTI	63	4	25 - 60	0.02	73.61
TF-11R	06/07/17	SGI	50.0	4	20 - 50	0.020	77.75
TF-13	9/26/1995	GTI	63	1.5	25 - 60	0.02	75.90
TF-13	9/26/1995	GTI	63	4	25 - 60	0.02	75.47
TF-14	9/27/1995	GTI	63	1.5	25 - 60	0.02	74.78
TF-14	9/27/1995	GTI	63	4	25 - 60	0.02	74.35
TF-15	9/28/1995	GTI	63	1.5	25 - 60	0.02	75.40
TF-15	9/28/1995	GTI	63	4	25 - 60	0.02	74.78
TF-16	9/28/1995	GTI	63	1.5	25 - 60	0.02	76.48
TF-16	9/28/1995	GTI	63	4	25 - 60	0.02	75.89
TF-17R/EP-72	06/07/17	SGI	40.0	4 (steel)	20 - 40	0.020	77.63
TF-18	7/6/1994	GTI	50.5	4	20 - 50	0.02	73.94
TF-19	10/3/1995	GTI	63	1.5	25 - 60	0.02	75.61
TF-19	10/3/1995	GTI	63	4	25 - 60	0.02	75.07
TF-20R	11/7/2016	SGI	50	4	20 - 50	0.02	75.26
TF-21	9/29/1995	GTI	63	1.5	25 - 60	0.02	75.60
TF-21	9/29/1995	GTI	63	4	25 - 60	0.02	74.96
TF-22R	06/06/17	SGI	50.0	2	20 - 50	0.020	79.92
TF-23	7/5/1994	GTI	50.5	4	20 - 50	0.02	75.31
TF-24	9/26/1995	GTI	63	1.5	25 - 60	0.02	76.35
TF-24	9/26/1995	GTI	63	4	25 - 60	0.02	76.43
TF-25	4/4/2001	GTI	47	1.5	41 - 46	0.02	75.81
TF-25	4/4/2001	GTI	47	5	26 - 36	0.02	74.85
TF-26	4/3/2001	GTI	47	1.5	41 - 46	0.02	76.15
TF-26	4/3/2001	GTI	47	5	26 - 36	0.02	75.85
TFR-1	12/13/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-2	12/12/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-3	12/12/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-4	12/13/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-5	12/12/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-6	12/12/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-7	12/13/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-8	12/12/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-9	12/13/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-10	12/11/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-11	12/11/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-12	12/11/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-13	12/15/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-14	12/13/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-15	12/14/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-16	12/14/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-17	12/14/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-18	12/14/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-19	12/12/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-20	12/15/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-21	12/11/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-22	11/30/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-23	11/29/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-24	11/30/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-25	11/30/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-26	11/29/17	SGI	40.0	4	20 - 40	0.020	-----

Table 1. Monitoring Well Summary

Defense Fuel Support Point, Norwalk, California

Well	Installation Date	Installed By	Total Depth (feet bgs)	Casing Diameter (inches)	Screen Interval (feet bgs)	Slot Size (inches)	Casing Elevation (feet amsl)
TFR-27	11/29/17	SGI	40.0	4	20 - 40	0.020	----
TFR-28	11/29/17	SGI	40.0	4	20 - 40	0.020	----
TFR-29	11/29/17	SGI	40.0	4	20 - 40	0.020	----
TFR-30	11/29/17	SGI	40.0	4	20 - 40	0.020	----
TFR-31	11/29/17	SGI	40.0	4	20 - 40	0.020	----
TFR-32	11/30/17	SGI	40.0	4	20 - 40	0.020	----
TFR-33	11/28/17	SGI	40.0	4	20 - 40	0.020	----
TFR-34	11/28/17	SGI	40.0	4	20 - 40	0.020	----
TFR-35	11/29/17	SGI	40.0	4	20 - 40	0.020	----
TFR-36	11/30/17	SGI	40.0	4	20 - 40	0.020	----
TFR-37	11/28/17	SGI	40.0	4	20 - 40	0.020	----
TFR-38	11/28/17	SGI	40.0	4	20 - 40	0.020	----
WCW-1	2/18/1992	WC	52	4	20 - 50	0.01	72.86
WCW-2	2/21/1992	WC	52	4	20 - 50	0.01	75.34
WCW-3	2/19/1992	WC	56.5	4	19 - 49	0.01	76.16
WCW-4	2/20/1992	WC	56.5	4	20 - 50	0.01	78.05
WCW-5	4/30/1992	WC	52	4	19 - 49	0.01	73.49
WCW-6	4/20/1992	WC	53.5	4	20 - 50	0.01	75.52
WCW-7	4/29/1992	WC	53	4	20 - 50	0.01	76.44
WCW-8	4/21/1992	WC	53.5	4	20 - 50	0.01	77.34
WCW-9	4/28/1992	WC	53.5	4	20 - 50	0.01	77.74
WCW-10	9/11/1992	WC	56.5	4	25 - 55	0.01	74.06
WCW-11	9/9/1992	WC	61.5	4	30 - 60	0.01	75.29
WCW-12	9/8/1992	WC	61.5	4	30 - 60	0.01	76.27
WCW-13	9/10/1992	WC	61.5	4	30 - 60	0.01	77.70
WCW-14	8/12/1998	FDGTI	59	4	24 - 59	0.01	78.81

Notes:

Biosparge and additional soil vapor extraction wells used for remediation purposes only are not listed here.

--- = information not available

CH2M = CH2M HILL Engineers, Inc.

feet amsl = feet above mean sea level

feet bgs = feet below ground surface

FDGTI = Fluor Daniel GTI

GMX = Geomatrix Consultants, Inc.

GTI = Groundwater Technology/Groundwater Technology Government Services

GW = Golden West

HLA = Harding Lawson Associates

Parsons = Parsons Corporation

SGI = The Source Group, Inc.

WC = Woodward-Clyde

Table 2. Summary of Groundwater Elevations – First Semiannual 2018 Monitoring Event*Defense Fuel Support Point, Norwalk, California*

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Corrected Groundwater Elevation (feet amsl)
EP-73	04/16/18	77.21	35.89	37.67	1.78	NC
EXP-1	04/16/18	78.44	---	60.17	---	18.27
EXP-2	04/16/18	79.43	---	61.08	---	18.35
EXP-3	04/16/18	77.58	---	59.31	---	18.27
EXP-4	04/16/18	79.81	---	61.39	---	18.42
EXP-5	04/16/18	72.41	---	53.83	---	18.58
GMW-1	04/16/18	74.77	---	NM	---	NC
GMW-4R	04/16/18	75.13	---	34.94	---	40.19
GMW-5	04/16/18	77.61	---	35.42	---	42.19
GMW-6	04/16/18	77.31	---	36.17	---	41.14
GMW-7	04/16/18	76.87	---	35.92	---	40.95
GMW-8	04/16/18	73.20	---	33.70	---	39.50
GMW-9	04/16/18	77.16	---	37.98	---	39.18
GMW-10	04/16/18	73.35	33.74	33.87	0.13	39.59
GMW-11	04/16/18	72.90	---	NM	---	NC
GMW-12	04/16/18	75.21	---	34.64	---	40.57
GMW-13	04/16/18	74.17	---	32.55	---	41.62
GMW-14R	04/16/18	75.30	---	34.74	---	40.56
GMW-15	04/16/18	76.21	---	34.98	---	41.23
GMW-16	04/16/18	77.00	---	36.58	---	40.42
GMW-17R	04/16/18	77.79	---	37.08	---	40.71
GMW-18	04/16/18	75.36	34.13	34.92	0.79	NC
GMW-19	04/16/18	76.83	---	35.77	---	41.06
GMW-20	04/16/18	75.10	---	34.60	---	40.50
GMW-21	04/16/18	76.23	---	35.12	---	41.11
GMW-22	04/16/18	77.24	---	38.23	---	39.01
GMW-23	04/16/18	74.85	35.54	35.57	0.03	39.30
GMW-24	04/16/18	77.48	---	38.98	---	38.50
GMW-25	04/16/18	78.14	---	38.85	---	39.29
GMW-26	04/16/18	74.52	---	35.19	---	39.33
GMW-28	04/16/18	74.68	---	35.77	---	38.91
GMW-29	04/16/18	77.57	---	36.14	---	41.43
GMW-30	04/16/18	74.91	---	36.05	---	38.86
GMW-31	04/16/18	76.50	---	33.77	---	42.73
GMW-32R	04/16/18	76.93	---	NM	---	NC
GMW-33	04/16/18	74.88	---	NM	---	NC
GMW-35R	04/16/18	75.9	---	38.75	---	37.15
GMW-36	04/16/18	76.66	---	35.18	---	41.48
GMW-37	04/16/18	77.32	---	36.45	---	40.87
GMW-38	04/16/18	75.47	---	34.55	---	40.92
GMW-39	04/16/18	75.05	---	33.90	---	41.15
GMW-40	04/16/18	---	---	NM	---	NC
GMW-41	04/16/18	72.69	---	32.79	---	39.90
GMW-42	04/16/18	75.50	---	35.08	---	40.42
GMW-43	04/16/18	76.07	---	35.25	---	40.82
GMW-44	04/16/18	75.71	---	34.91	---	40.80
GMW-45	04/16/18	75.67	33.33	34.78	1.45	NC
GMW-47	04/16/18	75.98	---	34.87	---	41.11
GMW-48	04/16/18	75.03	---	37.48	---	37.55
GMW-54	04/16/18	74.73	---	34.39	---	40.34

Table 2. Summary of Groundwater Elevations – First Semiannual 2018 Monitoring Event*Defense Fuel Support Point, Norwalk, California*

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Corrected Groundwater Elevation (feet amsl)
GMW-56	04/16/18	76.52	---	33.90	---	42.62
GMW-57	04/16/18	76.66	---	35.52	---	41.14
GMW-58	04/16/18	75.48	35.11	35.12	0.01	NC
GMW-59	04/16/18	75.28	---	33.22	---	42.06
GMW-60	04/16/18	76.24	---	35.03	---	41.21
GMW-61	04/16/18	75.60	---	34.51	---	41.09
GMW-62	04/16/18	76.34	35.29	35.30	0.01	NC
GMW-63	04/16/18	77.32	---	35.40	---	41.92
GMW-64	04/16/18	75.84	---	33.81	---	42.03
GMW-65	04/16/18	76.78	---	35.22	---	41.56
GMW-66R	04/16/18	79.23	---	37.92	---	41.31
GMW-67	04/16/18	76.00	---	34.61	---	41.39
GMW-68	04/16/18	75.52	34.10	34.53	0.43	NC
GMW-69	04/16/18	75.31	---	33.97	---	41.34
GMW-O-1	04/16/18	71.45	---	31.56	---	39.89
GMW-O-2	04/16/18	72.54	---	31.82	---	40.72
GMW-O-3	04/16/18	72.19	---	31.94	---	40.25
GMW-O-4	04/16/18	71.95	---	31.13	---	40.82
GMW-O-5	04/16/18	72.36	---	31.75	---	40.61
GMW-O-6	04/16/18	71.41	---	29.63	---	41.78
GMW-O-7	04/16/18	70.98	---	28.61	---	42.37
GMW-O-8	04/16/18	70.91	---	30.23	---	40.68
GMW-O-9	04/16/18	73.50	---	33.56	---	39.94
GMW-O-10	04/16/18	73.98	---	34.93	---	39.05
GMW-O-11	04/16/18	74.17	---	NM	---	NC
GMW-O-12	04/16/18	73.49	31.89	33.04	1.15	41.36
GMW-O-14	04/16/18	74.08	---	34.12	---	39.96
GMW-O-15	04/16/18	74.86	31.67	31.79	0.12	43.17
GMW-O-16	04/16/18	74.10	---	32.40	---	41.70
GMW-O-17	04/16/18	73.78	---	31.88	---	41.90
GMW-O-18	04/16/18	74.32	---	NM	---	NC
GMW-O-19	04/16/18	74.46	---	32.72	---	41.74
GMW-O-20	04/16/18	73.32	---	32.67	---	40.65
GMW-O-21	04/16/18	71.43	---	33.13	---	38.30
GMW-O-23	04/16/18	73.63	---	34.05	---	39.58
GMW-O-24	04/16/18	74.39	---	32.50	---	41.89
GMW-SF-7	04/16/18	75.26	---	34.21	---	41.05
GMW-SF-8	04/16/18	76.75	---	35.55	---	41.20
GW-1	04/16/18	75.97	---	35.31	---	40.66
GW-2	04/16/18	75.78	---	34.80	---	40.98
GW-3	04/16/18	75.79	---	35.02	---	40.77
GW-4	04/16/18	73.86	---	NM	---	NC
GW-5R	04/16/18	79.06	---	38.07	---	40.99
GW-6	04/16/18	76.38	---	35.48	---	40.90
GW-7	04/16/18	75.02	---	34.45	---	40.57
GW-8	04/16/18	76.15	---	35.22	---	40.93
GW-13	04/16/18	76.85	---	35.36	---	41.49
GW-14R	04/16/18	78.77	33.80	36.50	2.70	NC
GW-15	04/16/18	74.94	---	34.36	---	40.58
GW-16	04/16/18	76.33	---	35.31	---	41.02

Table 2. Summary of Groundwater Elevations – First Semiannual 2018 Monitoring Event*Defense Fuel Support Point, Norwalk, California*

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Corrected Groundwater Elevation (feet amsl)
GWR-1R	04/16/18	76.64	---	37.21	---	39.43
GWR-3	04/16/18	77.60	---	38.73	---	38.87
HL-2	04/16/18	76.94	---	37.49	---	39.45
HL-3	04/16/18	76.86	---	37.19	---	39.67
MW-6	04/16/18	77.20	---	36.44	---	40.76
MW-7	04/16/18	78.13	---	38.07	---	40.06
MW-8	04/16/18	76.06	---	34.66	---	41.40
MW-9	04/16/18	77.11	---	36.90	---	40.21
MW-12	04/16/18	75.76	---	35.98	---	39.78
MW-13	04/16/18	78.25	---	37.02	---	41.23
MW-14	04/16/18	78.60	---	37.64	---	40.96
MW-15R	04/16/18	74.85	---	34.83	---	40.02
MW-16	04/16/18	76.87	---	36.06	---	40.81
MW-17	04/16/18	77.86	---	36.94	---	40.92
MW-18 (MID)	04/16/18	75.67	---	40.46	---	35.21
MW-19 (MID)	04/16/18	78.14	---	40.76	---	37.38
MW-20 (MID)	04/16/18	77.19	---	38.73	---	38.46
MW-21 (MID)	04/16/18	77.55	---	37.93	---	39.62
MW-22 (MID)	04/16/18	79.57	---	40.41	---	39.16
MW-24	04/16/18	77.66	---	36.63	---	41.03
MW-26	04/16/18	77.40	---	36.48	---	40.92
MW-27	04/16/18	78.46	---	37.53	---	40.93
MW-28	04/16/18	75.90	---	35.47	---	40.43
MW-29	04/16/18	79.13	---	38.28	---	40.85
MW-O-1	04/16/18	75.48	---	DRY	---	NC
MW-O-2	04/16/18	71.90	34.16	34.18	0.02	37.74
MW-SF-1	04/16/18	78.93	---	39.43	---	39.50
MW-SF-2	04/16/18	78.53	---	39.47	---	39.06
MW-SF-3	04/16/18	78.12	---	38.81	---	39.31
MW-SF-4	04/16/18	79.38	---	39.90	---	39.48
MW-SF-5	04/16/18	79.74	---	DRY	---	NC
MW-SF-6	04/16/18	76.80	---	37.65	---	39.15
MW-SF-9	04/16/18	74.10	---	NM	---	NC
MW-SF-10	04/16/18	76.53	---	DRY	---	NC
MW-SF-11	04/16/18	78.56	---	39.90	---	38.66
MW-SF-12	04/16/18	78.07	---	39.09	---	38.98
MW-SF-13	04/16/18	73.40	---	34.26	---	39.14
MW-SF-14	04/16/18	78.16	---	DRY	---	NC
MW-SF-15	04/16/18	78.27	---	39.10	---	39.17
MW-SF-16	04/16/18	78.21	---	DRY	---	NC
PW-1	04/16/18	75.52	---	DRY	---	NC
PW-2	04/16/18	74.71	---	DRY	---	NC
PW-3	04/16/18	73.71	---	33.75	---	39.96
PZ-2	04/16/18	73.96	---	34.63	---	39.33
PZ-3	04/16/18	76.17	---	35.14	---	41.03
PZ-5	04/16/18	73.97	---	32.46	---	41.51
PZ-10	04/16/18	74.34	---	DRY	---	NC
RTF-18-E	04/16/18	75.19	33.66	33.89	0.23	NC
RTF-18-N	04/16/18	75.17	32.45	34.50	2.05	NC
RTF-18-NNW	04/16/18	76.77	33.58	35.31	1.73	NC

Table 2. Summary of Groundwater Elevations – First Semiannual 2018 Monitoring Event
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Corrected Groundwater Elevation (feet amsl)
RTF-18-NW	04/16/18	76.22	34.68	37.29	2.61	NC
RTF-18-W	04/16/18	74.86	33.35	35.30	1.95	NC
TF-8	04/16/18	74.86	---	33.70	---	41.16
TF-9R	04/16/18	78.00	---	37.34	---	40.66
TF-15	04/16/18	74.78	34.18	36.68	2.50	NC
TF-16	04/16/18	75.89	34.82	35.14	0.32	NC
TF-17R/EP-72	04/16/18	77.63	36.22	37.29	1.07	NC
TF-18	04/16/18	73.74	32.67	35.60	2.93	NC
TF-19	04/16/18	75.07	---	33.67	---	41.40
TF-20R	04/16/18	75.26	---	34.25	---	41.01
TF-21	04/16/18	77.91	---	36.98	---	40.93
TF-23	04/16/18	75.31	---	NM	---	NC
TF-24	04/16/18	76.43	---	36.78	---	39.65
TFR-9	4/16/2018	---	35.94	38.43	2.49	NC
TFR-12	4/16/2018	---	35.57	38.23	2.66	NC
TFR-14	4/16/2018	---	36.18	36.80	0.62	NC
TFR-15	4/16/2018	---	35.88	36.55	0.67	NC
TFR-18	4/16/2018	---	33.82	34.61	0.79	NC
TFR-22	4/16/2018	---	32.60	37.85	5.25	NC
TFR-24	4/16/2018	---	33.86	36.64	2.78	NC
TFR-27	4/16/2018	---	34.08	36.90	2.82	NC
TFR-29	4/16/2018	---	32.26	39.68	7.42	NC
TFR-33	4/16/2018	---	34.40	37.12	2.72	NC
VEW-1	4/16/2018	---	---	DRY	---	NC
VEW-2	4/16/2018	---	---	DRY	---	NC
WCW-1	4/16/2018	72.86	---	32.28	---	40.58
WCW-2	4/16/2018	75.34	---	34.41	---	40.93
WCW-3	4/16/2018	76.16	---	35.26	---	40.90
WCW-4	4/16/2018	78.05	---	37.20	---	40.85
WCW-5	4/16/2018	73.49	---	32.90	---	40.59
WCW-6	4/16/2018	75.52	---	34.70	---	40.82
WCW-7	4/16/2018	76.44	---	35.49	---	40.95
WCW-8	4/16/2018	77.34	---	36.56	---	40.78
WCW-9	4/16/2018	77.74	---	36.82	---	40.92
WCW-10	4/16/2018	74.06	---	33.20	---	40.86
WCW-11	4/16/2018	75.29	---	34.85	---	40.44
WCW-12	4/16/2018	76.27	---	35.72	---	40.55
WCW-13	4/16/2018	77.70	---	37.10	---	40.60
WCW-14	4/16/2018	78.81	---	37.91	---	40.90

Notes:

--- = not detected or applicable

DRY = no measurable water observed in the well

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

feet btoc = feet below top of casing

NC = not calculated

NM = not measured

SFPP calculated groundwater elevation in wells with measurable product using the formula:

groundwater elevation = (top of casing elevation - depth to water) + apparent product thickness X specific gravity.

(Product specific gravity ranging between 0.75 and 0.83 was used for calculation above for SFPP wells)

The soil vapor extraction (SVE) and total fluids extraction (TFE) systems in the south-central, southeastern, and north-central areas were offline 1 week prior to semiannual gauging activities.

Table 3. Summary of Groundwater Analytical Data – First Semiannual 2018 Monitoring Event

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)													
Well	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-1	04/17/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/17/18	<100	<100	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	04/19/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/19/18	<100	<100	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	04/16/18	<50	<50	<0.50	<0.50	<0.50	<0.50	0.73	<0.50	<10	<1	<1	<1
EXP-3	04/16/18	<100	<100	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-4	04/17/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/17/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-4R	04/19/18	100	50	1.1	<0.50	1.2	0.55	<0.50	0.68	<10	<1	<1	<1
GMW-6	04/17/18	<100	190	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-7	04/20/18	150	4800 J	1.6	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-8	04/19/18	<50	180	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-9	05/15/18	<50	290	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	34	4.4	<1	<1
GMW-12	04/23/18	<100	1000	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-13	04/18/18	<50	88	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14R	04/19/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<1	<1	<1
GMW-15	04/20/18	<100	3400 J	0.97	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-16	04/18/18	<100	290	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-17R	04/20/18	550	1600 J	63	0.69	0.78	19	<0.50	3.7	<10	<2	<2	<2
GMW-19	04/18/18	<100	160	2.2	<0.50	<0.50	<1	<0.50	3.4	<10	<2	<2	<2
GMW-21	04/23/18	<100	3700	<0.50	<0.50	<0.50	<1	<0.50	<1	39	<2	<2	<2
GMW-25	04/19/18	950	14000	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	11	<1	<1	<1
GMW-26	04/18/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	2.2	<1	<1
GMW-28	04/19/18	60	120	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	360	42	<1	<1
GMW-30	04/20/18	230	1300	7	<0.50	<0.50	10	<0.50	1.3	45	8.8	<1	<1
GMW-31	04/19/18	<100	150	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-35R	04/23/18	160 J	1100	16	<0.50	<0.50	<1	<0.50	2.9	360	<2	<2	<2
GMW-36	04/20/18	68	95	1.8	<0.50	0.51	4.9	<0.50	<0.50	210	<1	<1	<1
GMW-37	04/18/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/18/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	04/18/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10	<1	<1	<1
GMW-41	04/20/18	<100	690 J	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-42	04/20/18	<100	140 J	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-43	04/18/18	<100	660	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	04/18/18	160	130	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-47	04/23/18	<100	890	0.61	<0.50	<0.50	<1	<0.50	6.5	220	<2	<2	<2
GMW-48	04/23/18	280	810	130	<2.5	<2.5	<5	<2.5	<5	<50	<10	<10	<10
GMW-56	04/17/18	<100	<100	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-57	04/17/18	<100	370	<0.50	<0.50	<0.50	<1	<0.50	4.8	72	<2	<2	<2
GMW-59	04/23/18	<100	770	0.81	<0.50	<0.50	0.5	<0.50	<1	<10	<2	<2	<2
GMW-60	04/17/18	<100	210	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-61	04/23/18	<100	440	0.61	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	04/16/18	<100	<100	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-64	04/16/18	<100	<100	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2

Table 3. Summary of Groundwater Analytical Data – First Semiannual 2018 Monitoring Event

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)													
Well	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-65	04/16/18	<100	110	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	04/17/18	<100	<100	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-67	04/16/18	<100	<100	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-69	04/16/18	3600	530	370	<5	300	93	<5	<10	<100	<20	<20	<20
GMW-O-1	04/18/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/18/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/18/18	110	110	<0.50	<0.50	2.6	6.3	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/18/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/18/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/18/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/18/18	<50	<50	<0.50	<0.50	<0.50	<0.50	8.8	<0.50	<10	<1	<1	<1
GMW-O-14	04/20/18	1400	1900	640	<4	<4	4.1	<8	11	<80	130	<8	<8
GMW-O-16	04/18/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/18/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/18/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-20	05/15/18	82	340	2.7	<0.50	<0.50	3.2	<0.50	4.6	10	4.1	<1	<1
GMW-O-21	04/20/18	2000	2100	1000	6.8	8.9	<5	<10	<5	<100	15	<10	<10
GMW-O-23	04/20/18	110	1200	0.99	<0.50	<0.50	<0.50	<1	5.6	120	30	<1	<1
GMW-O-24	04/18/18	<50	59	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/18/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/18/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GW-2	04/19/18	<100	190	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-3	04/19/18	<100	170	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-6	04/18/18	<100	180	<0.50	<0.50	<0.50	<1	<0.50	1.7	<10	<2	<2	<2
GW-8	04/18/18	<100	160	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-13(6")	04/19/18	<100	<100	<0.50	<0.50	<0.50	<1	4.1	1.6	<10	<2	<2	<2
GW-15(6")	04/23/18	640	360	340	<5	<5	<10	<5	<10	<100	<20	<20	<20
GW-16(6")	04/17/18	<100	140	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GWR-1R	04/18/18	<50	<50	<0.50	<0.50	<0.50	<0.50	1.1	0.52	90	5.7	<1	<1
HL-2	04/19/18	<50	72	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/18/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-6	04/17/18	<50	<50	<0.50	<0.50	<0.50	<0.50	7.5	3.6	<10	2.3	<1	<1
MW-7	04/17/18	<50	<50	<0.50	<0.50	<0.50	<0.50	0.61	<0.50	<10	<1	<1	<1
MW-8	04/18/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-9	04/19/18	66	250	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	15	<1	<1	<1
MW-12	04/18/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-13	04/17/18	<100	130	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-15R	04/19/18	66	60	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<1	<1	<1
MW-16	04/18/18	<100	110	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-17	04/17/18	<100	<100	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-18 (MID)	04/19/18	<50	98	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	1.3	<1	<1
MW-19 (MID)	04/18/18	<50	<50	<0.50	<0.50	<0.50	<0.50	2	<0.50	31	5.6	<1	<1
MW-20 (MID)	04/17/18	<50	<50	<0.50	<0.50	<0.50	<0.50	7.9	6.1	<10	4.9	<1	<1
MW-21 (MID)	04/18/18	68	110	<0.50	<0.50	<0.50	<0.50	2.4	1.3	<10	<1	<1	<1

Table 3. Summary of Groundwater Analytical Data – First Semiannual 2018 Monitoring Event

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)													
Well	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-22 (MID)	04/19/18	<100	340	<0.50	<0.50	<0.50	<1	4.9	4.8 J	20 J	<2	<2	<2
MW-24	04/19/18	<100	150	<0.50	<0.50	<0.50	<1	<0.50	1.2	<10	<2	<2	<2
MW-26	04/19/18	130	340	2.3	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-27	04/19/18	<100	350	<0.50	<0.50	<0.50	<1	<0.50	3.1	14	<2	<2	<2
MW-29	04/18/18	<100	170	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-SF-1	04/19/18	61	310	<0.50	<0.50	<0.50	2.4	<0.50	<0.50	<10	<1	<1	<1
MW-SF-4	04/20/18	<50	1300	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-SF-6	04/20/18	<200	5200	5.5	<1	1.8	1.5	<2	3.6	110	5.6	<2	<2
MW-SF-13	04/20/18	<100	1400	1.3	<0.50	<0.50	<0.50	<1	0.55	<10	<1	<1	<1
MW-SF-15	04/20/18	120	410	2.1	<0.50	<0.50	<0.50	<1	4.6	1400	53	<1	<1
PW-3	04/17/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PZ-2	04/19/18	110	680	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	<10	<1	<1	<1
PZ-3	04/20/18	690	5300 J	94	<1	1.9	1	<1	11	<20	<4	<4	<4
PZ-5	04/19/18	550	420	<0.50	<0.50	<0.50	<0.50	<1	3.6	97000^a	<1	<1	<1
TF-8	04/19/18	<100	780	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-9R	04/20/18	750	1700 J	34	<2.5	3.4	<5	<2.5	<5	<50	<10	<10	<10
TF-20R	04/24/18	900	540	290	<5	<5	<10	<5	<10	<100	<20	<20	<20
TF-21	04/23/18	180	960	13	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	04/20/18	<100	2900 J	1.7	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
WCW-2	04/17/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	04/17/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/17/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/17/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/17/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-7	04/17/18	<50	86	<0.50	<0.50	<0.50	<0.50	5.2	<0.50	<10	<1	<1	<1
WCW-8	04/17/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/17/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/17/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/17/18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

Notes:

^a This analyte was analyzed separately in order to achieve lower reporting limits for the other analytes.

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

1,2-DCA = 1,2-dichloroethane

DIPE = di-isopropyl ether

ETBE = ethyl tertiary butyl ether

J = the analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample

MTBE = methyl tertiary butyl ether

TAME = tertiary amyl methyl ether

TBA = tertiary butyl alcohol

TPH-d = total purgeable petroleum hydrocarbons quantified using a diesel standard

TPH-g = total purgeable petroleum hydrocarbons quantified using a gasoline standard

Xylenes = total of m,p-xylene and o-xylene when detected

Table 4. Summary of Miscellaneous Compounds Detected in Groundwater Samples – First Semiannual 2018 Monitoring Event
Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)															
Well	Date	1,1-Dichloroethane	1,2,3-Trichlorobenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	Acetone	cis-1,2-Dichloroethene	Isopropylbenzene	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	tert-Butylbenzene	Trichloroethene
EXP-4	04/17/18	<1	<2	<1	<1	<1	<10	<1	<1	<10	<1	<1	<1	<1	1.1
GMW-7	04/20/18	<0.5	<0.5	0.6	5	<0.5	<10	0.62	1.3	2.2	<0.5	0.79	0.78	1	<0.5
GMW-9	05/15/18	<1	2.3	<1	<1	<1	<10	<1	<1	<10	<1	<1	<1	<1	<1
GMW-12	04/23/18	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<2	<0.5	<0.5	<0.5	0.51	<0.5
GMW-15	04/20/18	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	2.7	3.4	<0.5	2	0.68	0.61	<0.5
GMW-17R	04/20/18	<0.5	<0.5	11	0.56	<0.5	<10	<0.5	6.6	8.9	<0.5	3.2	4.4	1.4	<0.5
GMW-21	04/23/18	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	1.3	<2	<0.5	<0.5	1.6	0.75	<0.5
GMW-25	04/19/18	<1	<2	<1	<1	<1	<10	<1	<1	<10	<1	1.3	1	<1	<1
GMW-30	04/20/18	1.1	<2	3	1.9	<1	<10	<1	<1	<10	<1	1.5	<1	<1	<1
GMW-35R	04/23/18	1.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	8.5	<2	<0.5	2.2	2.9	1.2	<0.5
GMW-36	04/20/18	<1	<2	3.7	2.2	<1	<10	<1	<1	<10	<1	<1	<1	<1	<1
GMW-47	04/23/18	0.9	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<2	<0.5	<0.5	<0.5	0.56	<0.5
GMW-48	04/23/18	<2.5	<2.5	<2.5	<2.5	<2.5	<50	7.8	9.2	<10	<2.5	<2.5	<2.5	<2.5	<2.5
GMW-57	04/17/18	0.73	<0.5	<0.5	<0.5	<0.5	<10	<0.5	2.2	<2	<0.5	<0.5	<0.5	0.6	<0.5
GMW-59	04/23/18	<0.5	<0.5	1	0.76	0.59	<10	2	0.81	<2	<0.5	<0.5	<0.5	0.92	<0.5
GMW-61	04/23/18	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	0.57	<2	<0.5	<0.5	<0.5	0.76	<0.5
GMW-67	04/16/18	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	3.3	<2	1.2	1.8	<0.5	<0.5	<0.5
GMW-69	04/16/18	<5	<5	320	39	<5	<100	<5	80	100	8.8	84	<5	<5	<5
GMW-O-3	04/18/18	<1	<2	6.5	3.4	<1	<10	<1	<1	<10	<1	<1	<1	<1	<1
GMW-O-10	04/18/18	2.4	<2	<1	<1	<1	<10	<1	<1	<10	<1	<1	<1	<1	<1
GMW-O-14	04/20/18	<8	<32	<8	<8	<8	<160	<8	17	<32	<8	18	<8	<8	<8
GMW-O-20	05/15/18	<1	<2	1.7	1	<1	<10	<1	<1	12	1.4	<1	<1	<1	<1
GMW-O-21	04/20/18	<10	<40	<10	<10	<10	<200	<10	<10	<40	<10	16	<10	<10	<10
GMW-O-23	04/20/18	<1	<4	<1	<1	<1	<20	<1	1.3	<10	1.7	<1	1.3	<1	<1
GW-15(6")	04/23/18	<5	<5	<5	<5	<5	<100	<5	21	20	<5	15	<5	<5	<5
MW-26	04/19/18	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	13	7.2	<0.5	6.4	2.5	0.82	<0.5
MW-SF-1	04/19/18	<1	<2	<1	1	<1	<10	<1	<1	<10	<1	<1	<1	<1	<1
MW-SF-6	04/20/18	<2	<8	2.6	<2	<2	<40	<2	<2	<10	<2	<2	<2	<2	<2
MW-SF-15	04/20/18	<1	<4	<1	<1	<1	<20	<1	1.3	<10	<1	<1	<1	<1	<1
PZ-3	04/20/18	<1	<1	<1	<1	<1	<20	1.1	74	88	<1	62	12	2.5	<1
PZ-5	04/19/18	<1	<4	<1	<1	<1	22	<1	<1	<10	<1	<1	<1	<1	<1
TF-9R	04/20/18	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<2.5	83	130	5.2	81	19	3.2	<2.5
TF-20R	04/24/18	<5	<5	<5	<5	<5	<100	<5	75	68	<5	61	9.1	<5	<5
TF-21	04/23/18	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	16	2.8	<0.5	4.7	3.2	1	<0.5
TF-24	04/20/18	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	3.6	4	<0.5	2.5	0.75	0.68	<0.5

Note:

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

Table 5. Summary of Field Duplicate Results – First Semiannual 2018 Monitoring Event

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)													
Well	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-67	04/16/18	<100	<100	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-60	04/17/18	<100	230	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	04/18/18	<100	140	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GWR-1R	04/18/18	<50	<50	<0.50	<0.50	<0.50	<0.50	1	<0.50	79	5.2	<1	<1
MW-21 (MID)	04/18/18	<50	100	<0.50	<0.50	<0.50	<0.50	2	1	<10	<1	<1	<1
MW-9	04/19/18	68	220	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<10	<1	<1	<1
MW-22 (MID)	04/19/18	<100	300	<0.50	<0.50	<0.50	<1	4.2	3.5 J	<10J	<2	<2	<2
MW-SF-1	04/19/18	<100	250	<0.50	<0.50	<0.50	1.2	<1	<0.50	<10	<1	<1	<1
PZ-2	04/19/18	85	560	<0.50	<0.50	<0.50	<0.50	<0.50	2.4	14	<1	<1	<1
PZ-5	04/19/18	500	400	<0.50	<0.50	<0.50	<0.50	<1	3.6	91000^a	<1	<1	<1
GMW-O-14	04/20/18	1500	1700	650	<4	<4	<4	<8	11	<80	140	<8	<8
TF-9R	04/20/18	720	1100 J	34	<2.5	3.4	<5	<2.5	<5	<50	<10	<10	<10
GMW-35R	04/23/18	110 J	1100	16	<0.50	<0.50	<1	<0.50	2.6	280	<2	<2	<2
TF-20R	04/24/18	850	550	290	<5	<5	<10	<5	<10	<100	<20	<20	<20

Notes:

^a This analyte was analyzed separately in order to achieve lower reporting limits for the other analytes.

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

1,2-DCA = 1,2-dichloroethane

DIPE = di-isopropyl ether

ETBE = ethyl tertiary butyl ether

J = the analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample

MTBE = methyl tertiary butyl ether

TAME = tertiary amyl methyl ether

TBA = tertiary butyl alcohol

TPH-d = total purgeable petroleum hydrocarbons quantified using a diesel standard

TPH-g = total purgeable petroleum hydrocarbons quantified using a gasoline standard

Xylenes = total of m,p-xylene and o-xylene when detected

Table 6. Summary of Quality Assurance/Quality Control Analytical Data – First Semiannual 2018 Monitoring Event
Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)														
Sample ID	Date	Sample Type	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
QCEB	04/16/18	Equipment Blank	<100	<100	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QCTB	04/16/18	Trip Blank	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EB-1	04/17/18	Equipment Blank	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EB-2	04/17/18	Equipment Blank	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
QCTB	04/17/18	Trip Blank	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TB-1	04/17/18	Trip Blank	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EB-3	04/18/18	Equipment Blank	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EB-4	04/18/18	Equipment Blank	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
QCEB	04/18/18	Equipment Blank	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QCTB	04/18/18	Trip Blank	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TB-2	04/18/18	Trip Blank	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EB-5	04/19/18	Equipment Blank	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
QCEB	04/19/18	Equipment Blank	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QCTB	04/19/18	Trip Blank	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TB-3	04/19/18	Trip Blank	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EB-6	04/20/18	Equipment Blank	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EB-7	04/20/18	Equipment Blank	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
QCEB	04/20/18	Equipment Blank	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QCTB	04/20/18	Trip Blank	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TB-4	04/20/18	Trip Blank	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
QCEB	04/23/18	Equipment Blank	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QCTB	04/23/18	Trip Blank	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QCEB	04/24/18	Equipment Blank	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QCTB	04/24/18	Trip Blank	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2

Notes:

--- = not analyzed

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

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

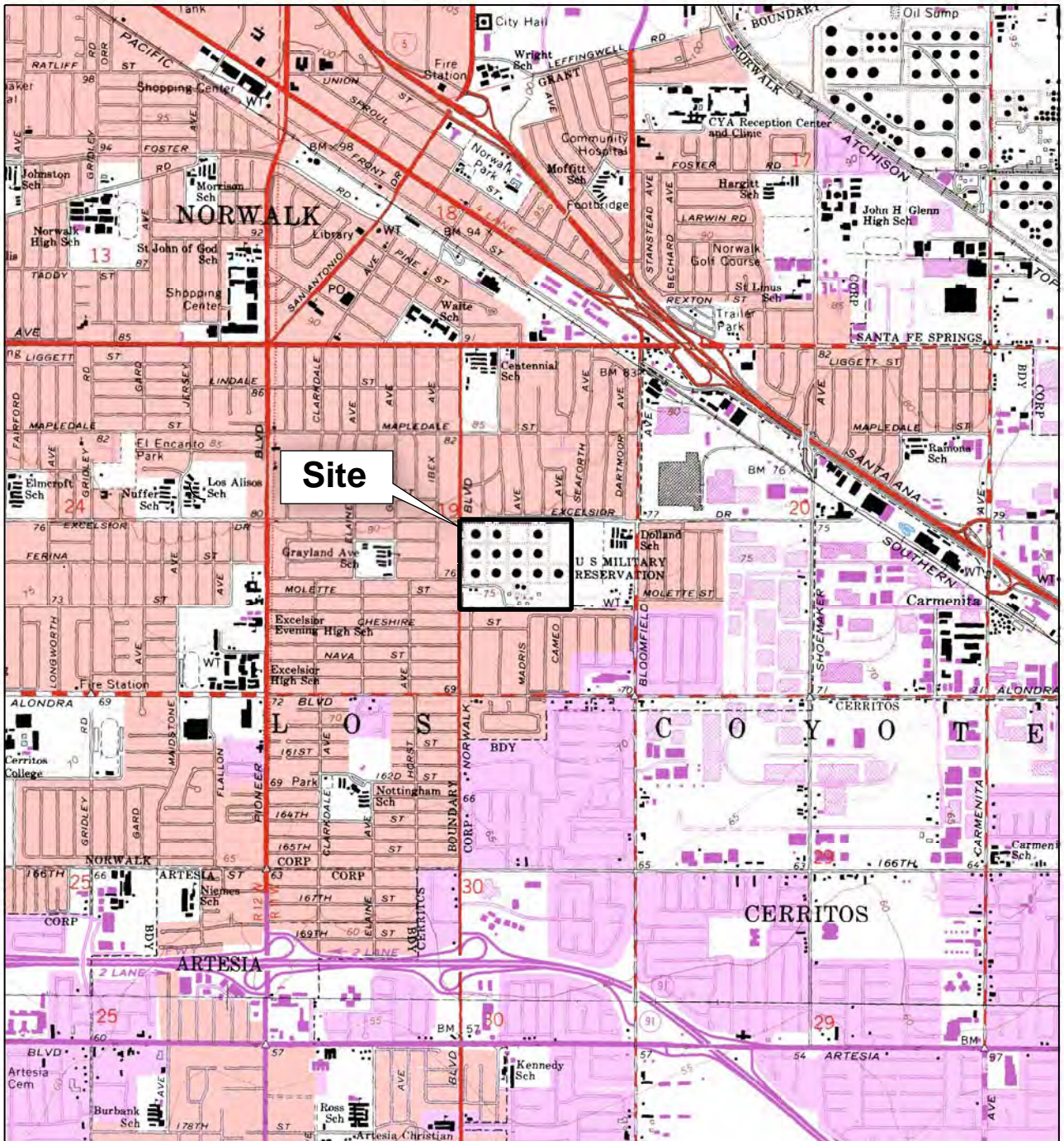
TBA = tertiary butyl alcohol

TPH-d = total purgeable petroleum hydrocarbons quantified using a diesel standard

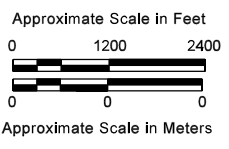
TPH-g = total purgeable petroleum hydrocarbons quantified using a gasoline standard

Xylenes = total of m,p-xylene and o-xylene when detected

Figures



Site

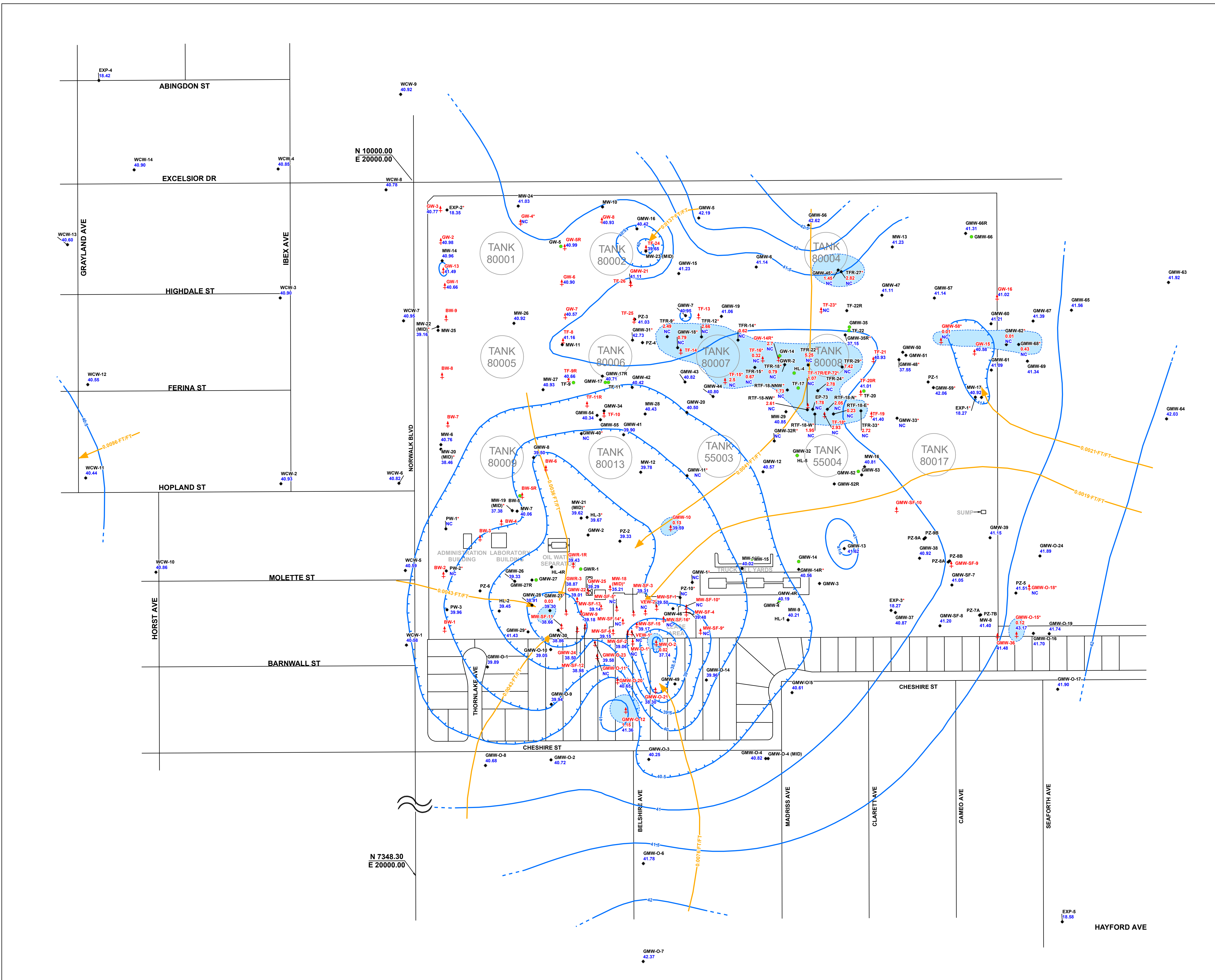


SITE LOCATION MAP
 DEFENSE FUEL SUPPORT POINT NORWALK
 Norwalk, California

By: Jacobs Staff Date: July 12, 2018 Project No: 704383

JACOBS Figure 1

BASEMAP MODIFIED FROM U.S.G.S. 7.5 MINUTE QUADRANGLE MAP
 LOS ALAMITOS 1964, CALIFORNIA, PHOTO-REVISED 1981.
 WHITTIER 1965, CALIFORNIA, PHOTO-REVISED 1981.



Explanation

- GMW-5 ● Groundwater monitoring well
- VEW-1 † Vapor extraction, groundwater extraction, total fluids, or free product extraction well used for site remediation
- GMW-47 42.19 ● Groundwater elevation in feet above mean sea level (MSL)
- GMW-36 0.27 † 42.58 † Apparent thickness of free product measured in well (feet), groundwater elevations calculated by removing product head effect.
- GMW-47* NC ● Groundwater elevation not used in contouring
- TF-17 ● Decommissioned well

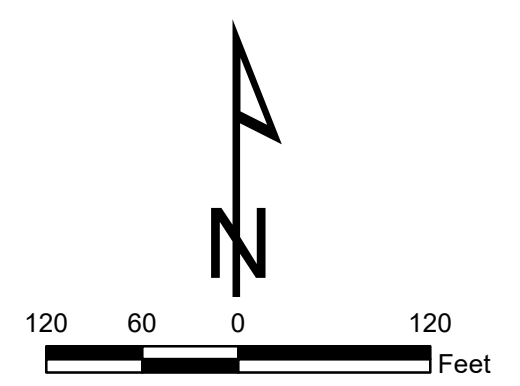
- 43.0 - - - Lines of equal groundwater elevation showing groundwater elevation in feet above MSL (dashed where inferred)
- Estimated extent of measurable light nonaqueous phase liquid (LNAPL, free product) on groundwater; dashed where inferred
- Approximate direction of groundwater flow and estimated horizontal hydraulic gradient in foot/foot (ft/ft)

Notes

1. Groundwater elevations and product thicknesses shown at wells are based on data collected by SGI, Blaine Tech, and SFPF in April 2018.
2. SFPF and DLA's remediation systems were shut down approximately 1 week prior to collecting fluid level measurements in April 2018.
3. Wells screened in the Exposition aquifer or near the bottom of the uppermost aquifer, or with groundwater elevations that are inconsistent with surrounding groundwater elevations, are not used in contouring. Groundwater elevation contours are intended to represent generalized site-wide conditions and are interpreted from data collected by Blaine Tech. Wells with groundwater elevations not used in contouring are marked with a red asterisk (*).
4. NC = groundwater elevation could not be calculated because well was either dry during the monitoring event, not measured due to an obstruction or other access complication, or the casing elevation is not available.
5. Wells at which a groundwater elevation or "NC" qualifier is not supplied are not included in the Monitoring and Reporting Program and were not visited during this monitoring event.
6. Fuel storage tanks depicted on the figure are historical structures and have been removed from the site.

Survey Notes

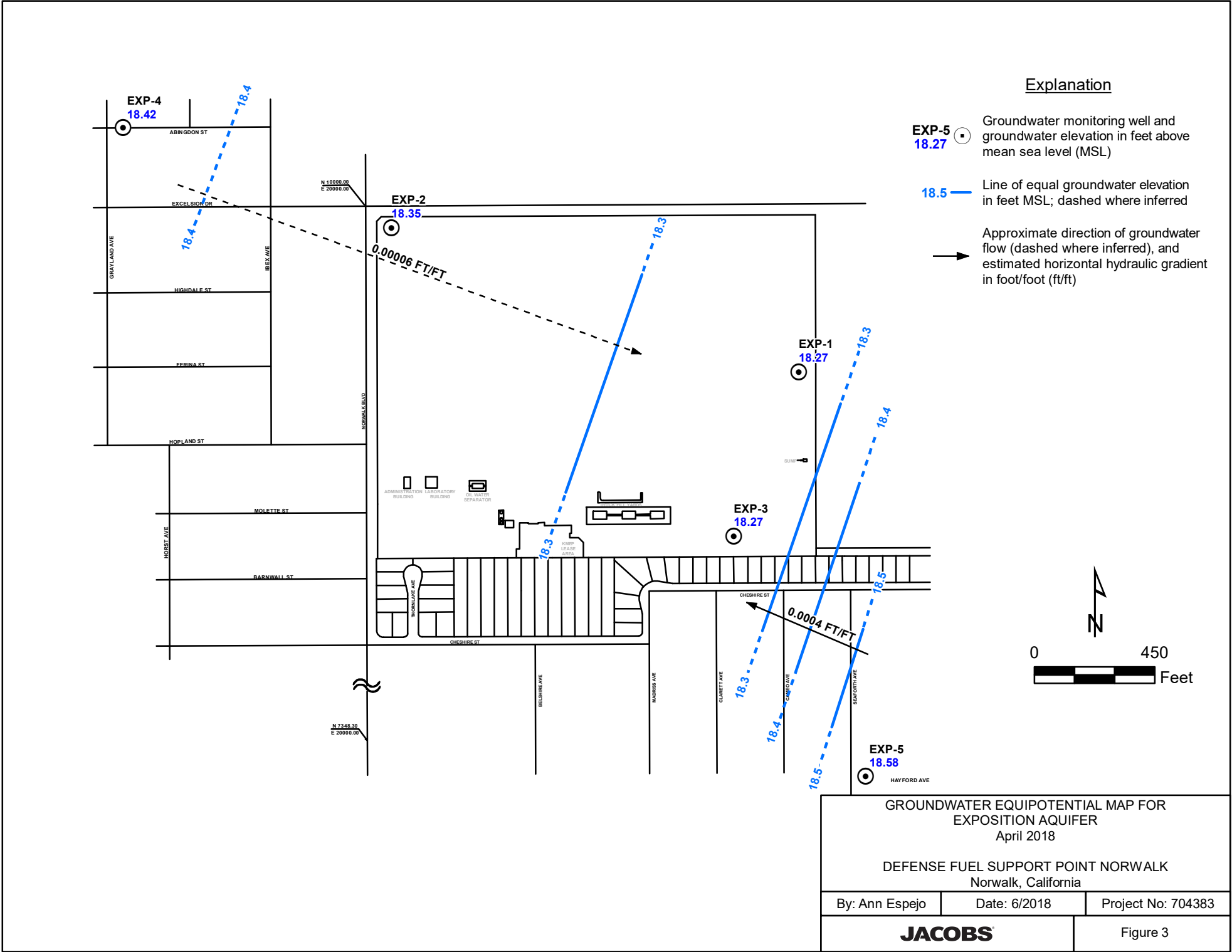
1. Base map prepared from data provided by Fluor Daniel GTI, Dulin & Boynton, Geomatrix, and Parsons.
2. Except as noted below, well locations surveyed by Dulin & Boynton.
3. Locations of wells HL-3, and HL-4 based on field measurements by Fluor Daniel GTI and Woodward-Clyde.
4. Locations of wells BW-1 through BW-9 surveyed by Geomatrix based on reference to other wells surveyed by Dulin & Boynton.
5. Locations of wells TFR-9, TFR-12, TFR-14, TFR-15, TFR-18, TFR-22, TFR-24, TFR-27, TFR-29, and TFR-33 based on field measurements by SGI.



GROUNDWATER ELEVATIONS AND MEASURABLE LIQUID-PHASE HYDROCARBONS IN UPPERMOST GROUNDWATER ZONE
 April 2018
 DEFENSE FUEL SUPPORT POINT NORWALK
 Norwalk, California

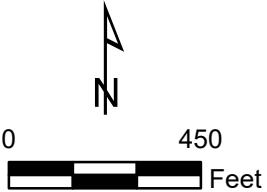
By: Ann Espejo Date: 6/2018 Project No: 704383

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Explanation

- **EXP-5**
18.27 Groundwater monitoring well and groundwater elevation in feet above mean sea level (MSL)
- **18.5** Line of equal groundwater elevation in feet MSL; dashed where inferred
- Approximate direction of groundwater flow (dashed where inferred), and estimated horizontal hydraulic gradient in foot/foot (ft/ft)



GROUNDWATER EQUIPOTENTIAL MAP FOR EXPOSITION AQUIFER April 2018		
DEFENSE FUEL SUPPORT POINT NORWALK Norwalk, California		
By: Ann Espejo	Date: 6/2018	Project No: 704383
JACOBS		Figure 3

Explanation

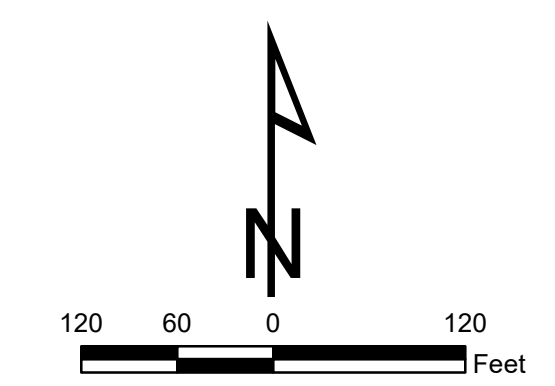
- GMW-5** ◆ Monitoring well and designation
 - VEW-1** † Vapor extraction, groundwater extraction, total fluids, or free product extraction well used for site remediation
 - TF-17** ● Decommissioned well
- Total petroleum hydrocarbons (TPH) results in micrograms per liter (µg/L) for the three most recent semiannual events; where the databox is shown in white, the concentration of TPH has remained similar (concentration change is less than 10%) at that location since the first semiannual monitoring event of the previous year, or the dataset shown does not provide a basis for comparison.
- GMW-63** □ Where the databox is shown in red, the concentration of TPH has increased by 10% or more at that location since the first semiannual monitoring event of the previous year.
 - GMW-60** □ Where the databox is shown in blue, the concentration of TPH has decreased by 10% or more at that location since the first semiannual monitoring event of the previous year.
- <100 Not detected at or above laboratory reporting limit shown
 - Not sampled/not analyzed
 - <100/<100 Primary sample analytical result/duplicate sample analytical result (µg/L)
 - ND Estimated extent of detected dissolved TPH in groundwater (concentration dependent on laboratory reporting limit); dashed where inferred
 - 1,000 Lines of equal TPH concentration (µg/L) in groundwater; dashed where inferred
 - Estimated extent of measurable light nonaqueous phase liquid (LNAPL, free product) on groundwater; dashed where inferred

Notes

1. TPH data provided on this figure and used for contouring represent the sum of detected concentrations of TPH quantified as diesel and as gasoline.
2. Fuel storage tanks depicted on the figure are historical structures and have been removed from the site.

Survey Notes

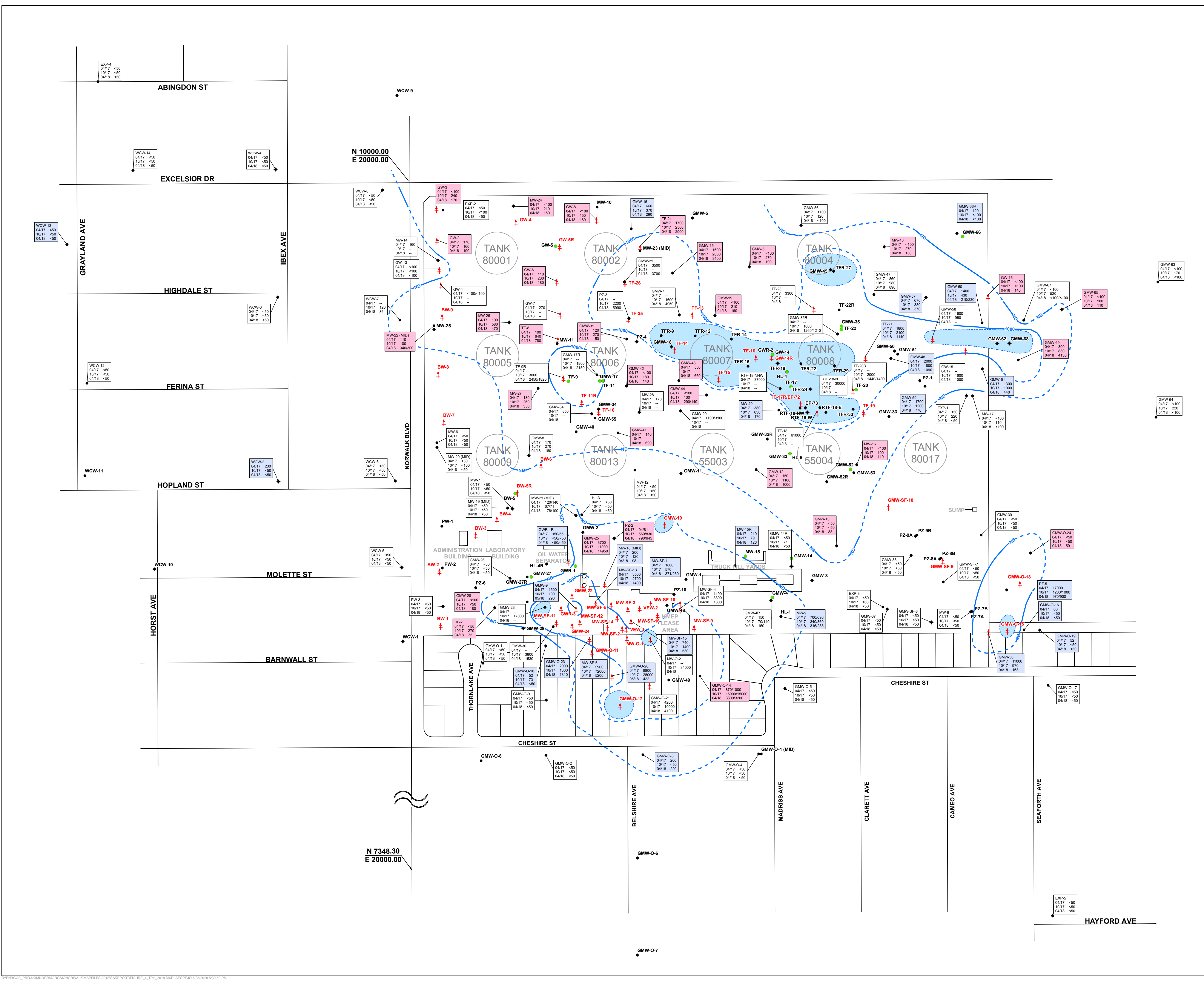
1. Base map prepared from data provided by Fluor Daniel GTI, Dulin & Boynton, Geomatrix, and Parsons.
2. Except as noted below, well locations surveyed by Dulin & Boynton.
3. Locations of wells HL-3, and HL-4 based on field measurements by Fluor Daniel GTI and Woodward-Clyde.
4. Locations of wells BW-1 through BW-9 surveyed by Geomatrix based on reference to other wells surveyed by Dulin & Boynton.
5. Locations of wells TFR-9, TFR-12, TFR-14, TFR-15, TFR-18, TFR-22, TFR-24, TFR-27, TFR-29, and TFR-33 based on field measurements by SGI.



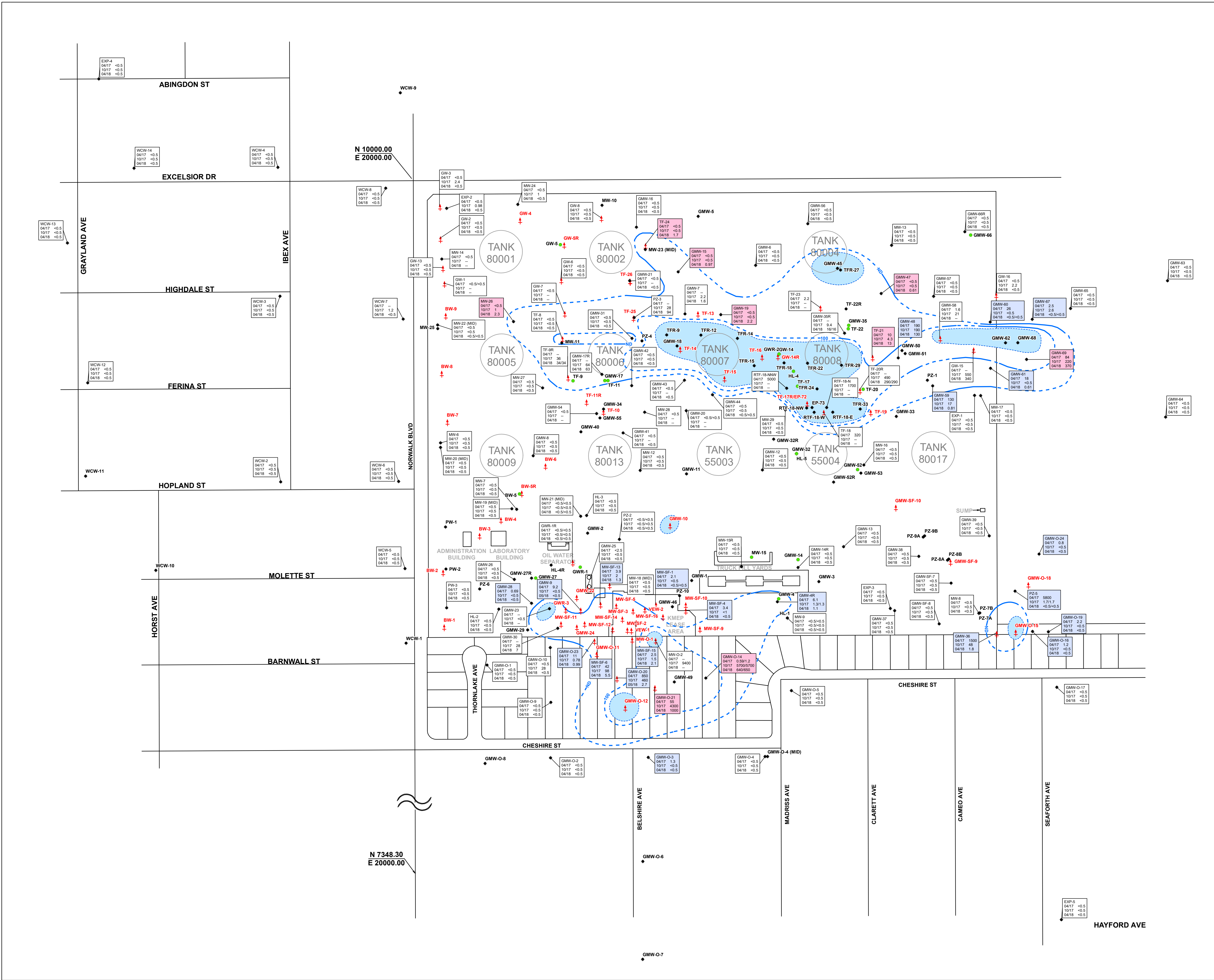
TOTAL PETROLEUM HYDROCARBONS IN GROUNDWATER
April/May 2018

DEFENSE FUEL SUPPORT POINT NORWALK
Norwalk, California

By: Ann Espejo Date: 6/2018 Project No: 704383



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Explanation

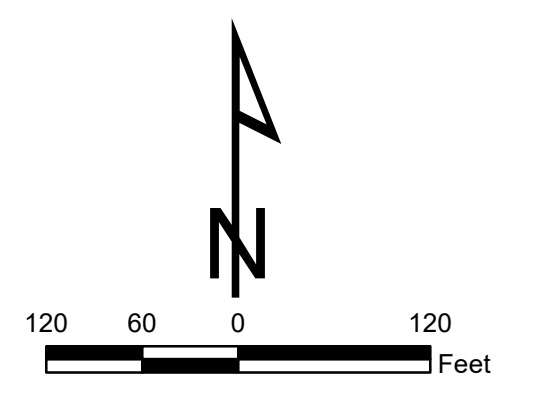
- GMW-5** Monitoring well and designation
- VEW-1** Vapor extraction, groundwater extraction, total fluids, or free product extraction well used for site remediation
- TF-17** Decommissioned well
- Benzen results in micrograms per liter (µg/L) for the three most recent semiannual events; where the databox is shown in white, the concentration of benzene has remained similar (concentration change is less than 10%) at that location since the first semiannual monitoring event of the previous year, or the dataset shown does not provide a basis for comparison.
- Where the databox is shown in red, the concentration of benzene has increased by 10% or more at that location since the first semiannual monitoring event of the previous year.
- Where the databox is shown in blue, the concentration of benzene has decreased by 10% or more at that location since the first semiannual monitoring event of the previous year.
- <100 Not detected at or above laboratory reporting limit shown
- Not sampled/not analyzed
- <100/<100 Primary sample analytical result/duplicate sample analytical result (µg/L)
- ND Estimated extent of detected dissolved benzene in groundwater (concentration dependent on laboratory reporting limit); dashed where inferred
- 1,000 Lines of equal benzene concentration (µg/L) in groundwater; dashed where inferred
- Estimated extent of measurable light nonaqueous phase liquid (LNAPL, free product) on groundwater; dashed where inferred

Notes

1. Fuel storage tanks depicted on the figure are historical structures and have been removed from the site.

Survey Notes

1. Base map prepared from data provided by Fluor Daniel GTI, Dulin & Boynton, Geomatrix, and Parsons.
2. Except as noted below, well locations surveyed by Dulin & Boynton.
3. Locations of wells HL-3, and HL-4 based on field measurements by Fluor Daniel GTI and Woodward-Clyde.
4. Locations of wells BW-1 through BW-9 surveyed by Geomatrix based on reference to other wells surveyed by Dulin & Boynton.
5. Locations of wells TFR-9, TFR-12, TFR-14, TFR-15, TFR-18, TFR-22, TFR-24, TFR-27, TFR-29, and TFR-33 based on field measurements by SGI.

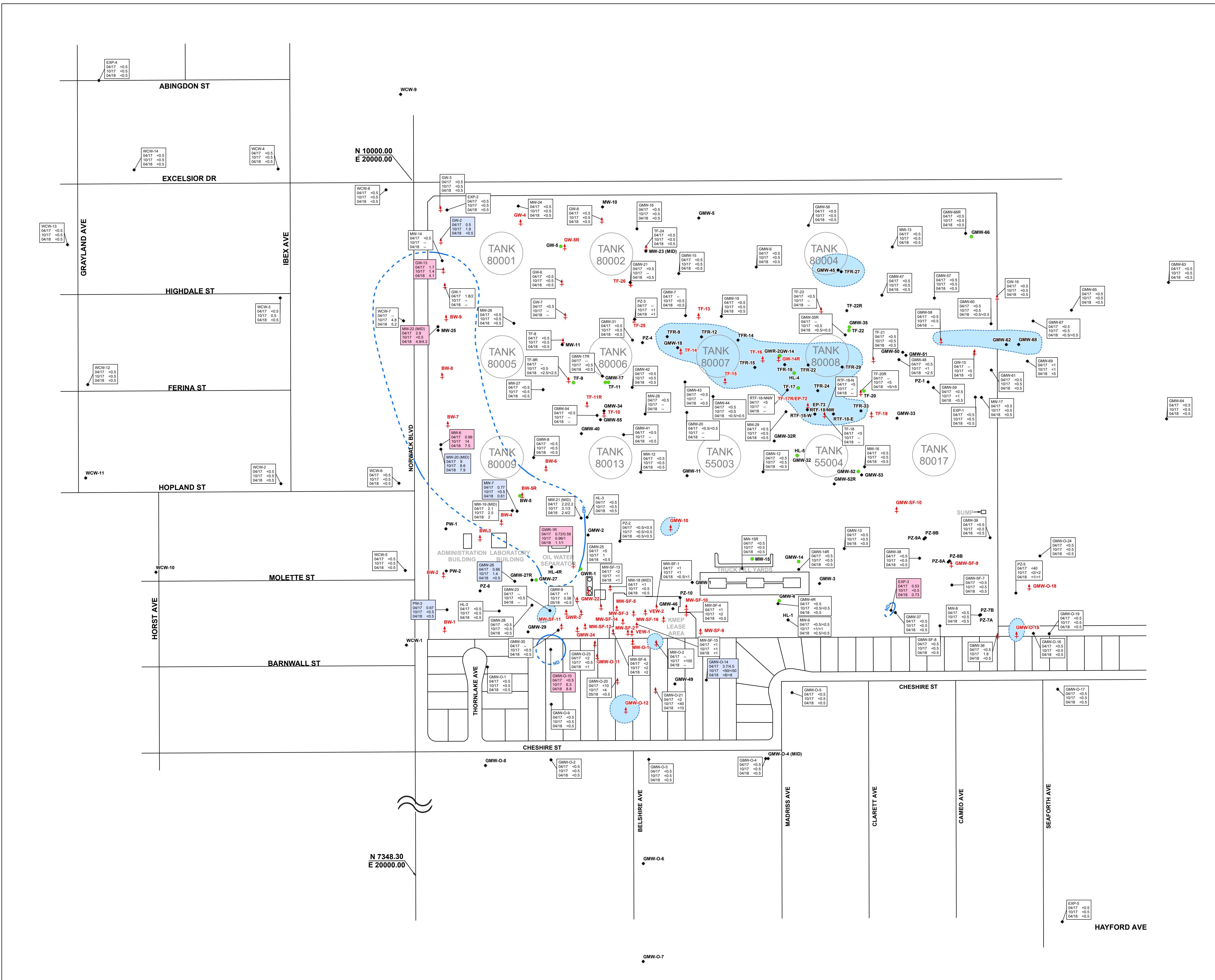


BENZENE IN GROUNDWATER
April/May 2018

DEFENSE FUEL SUPPORT POINT NORWALK
Norwalk, California

By: Ann Espejo Date: 6/2018 Project No: 704383

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Explanation

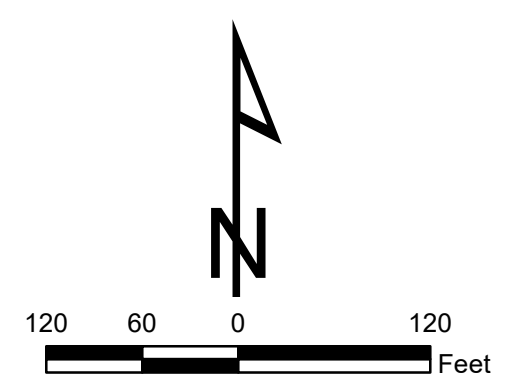
- GMW-5** ● Monitoring well and designation
- VEW-1** † Vapor extraction, groundwater extraction, total fluids, or free product extraction well used for site remediation
- TF-17** ● Decommissioned well
- 1,2-Dichloroethane (1,2-DCA) results in micrograms per liter (µg/L) for the three most recent semiannual events; where the databox is shown in white, the concentration of 1,2-DCA has remained similar (concentration change is less than 10%) at that location since the first semiannual monitoring event of the previous year, or the dataset shown does not provide a basis for comparison.
- Where the databox is shown in red, the concentration of 1,2-DCA has increased by 10% or more at that location since the first semiannual monitoring event of the previous year.
- Where the databox is shown in blue, the concentration of 1,2-DCA has decreased by 10% or more at that location since the first semiannual monitoring event of the previous year.
- <100 Not detected at or above laboratory reporting limit shown
- Not sampled/not analyzed
- <100/<100 Primary sample analytical result/duplicate sample analytical result (µg/L)
- ND Estimated extent of detected dissolved 1,2-DCA in groundwater (concentration dependent on laboratory reporting limit); dashed where inferred
- 1,000 Lines of equal 1,2-DCA concentration (µg/L) in groundwater; dashed where inferred
- Estimated extent of measurable light nonaqueous phase liquid (LNAPL, free product) on groundwater; dashed where inferred

Notes

1. Fuel storage tanks depicted on the figure are historical structures and have been removed from the site.

Survey Notes

1. Base map prepared from data provided by Fluor Daniel GTI, Dulin & Boynton, Geomatrix, and Parsons.
2. Except as noted below, well locations surveyed by Dulin & Boynton.
3. Locations of wells HL-3, and HL-4 based on field measurements by Fluor Daniel GTI and Woodward-Clyde.
4. Locations of wells BW-1 through BW-9 surveyed by Geomatrix based on reference to other wells surveyed by Dulin & Boynton.
5. Locations of wells TFR-9, TFR-12, TFR-14, TFR-15, TFR-18, TFR-22, TFR-24, TFR-27, TFR-29, and TFR-33 based on field measurements by SGI.



1,2-DICHLOROETHANE IN GROUNDWATER
April/May 2018

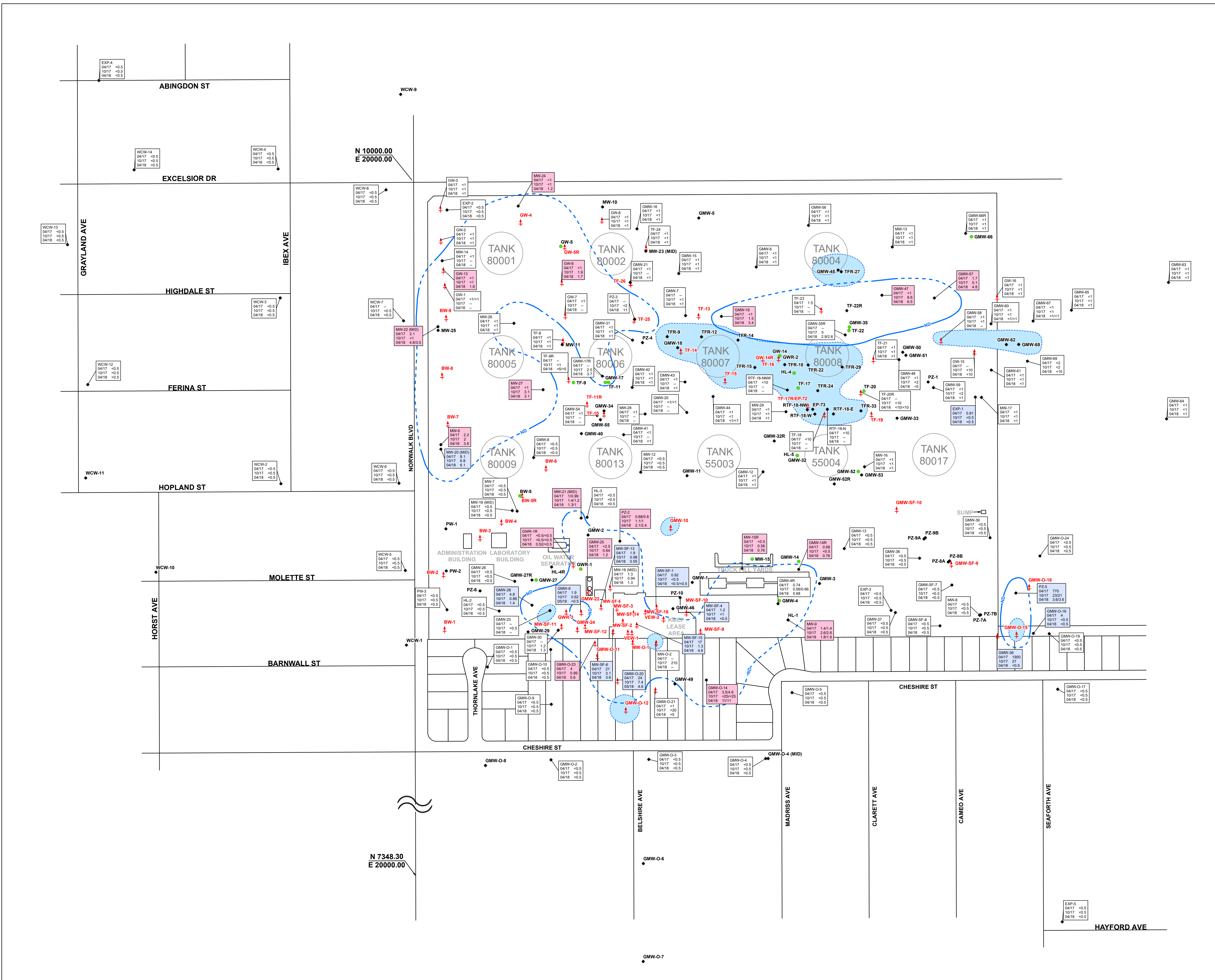
DEFENSE FUEL SUPPORT POINT NORWALK
Norwalk, California

By: Ann Espejo Date: 6/2018 Project No: 704383

JACOBS

Figure 6

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Explanation

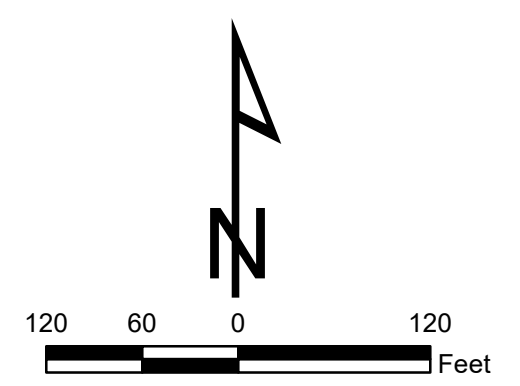
- GMW-5** ● Monitoring well and designation
- VEW-1** ↑ Vapor extraction, groundwater extraction, total fluids, or free product extraction well used for site remediation
- TF-17** ● Decommissioned well
- Methyl tertiary butyl ether (MTBE) results in micrograms per liter (µg/L) for the three most recent semiannual events; where the databox is shown in white, the concentration of MTBE has remained similar (concentration change is less than 10%) at that location since the first semiannual monitoring event of the previous year, or the dataset shown does not provide a basis for comparison.
- Where the databox is shown in red, the concentration of MTBE has increased by 10% or more at that location since the first semiannual monitoring event of the previous year.
- Where the databox is shown in blue, the concentration of MTBE has decreased by 10% or more at that location since the first semiannual monitoring event of the previous year.
- <100 Not detected at or above laboratory reporting limit shown
- Not sampled/not analyzed
- <100/<100 Primary sample analytical result/duplicate sample analytical result (µg/L)
- ND Estimated extent of detected dissolved MTBE in groundwater (concentration dependent on laboratory reporting limit); dashed where inferred
- 1,000 Lines of equal MTBE concentration (µg/L) in groundwater; dashed where inferred
- Estimated extent of measurable light nonaqueous phase liquid (LNAPL, free product) on groundwater; dashed where inferred

Notes

1. Fuel storage tanks depicted on the figure are historical structures and have been removed from the site.

Survey Notes

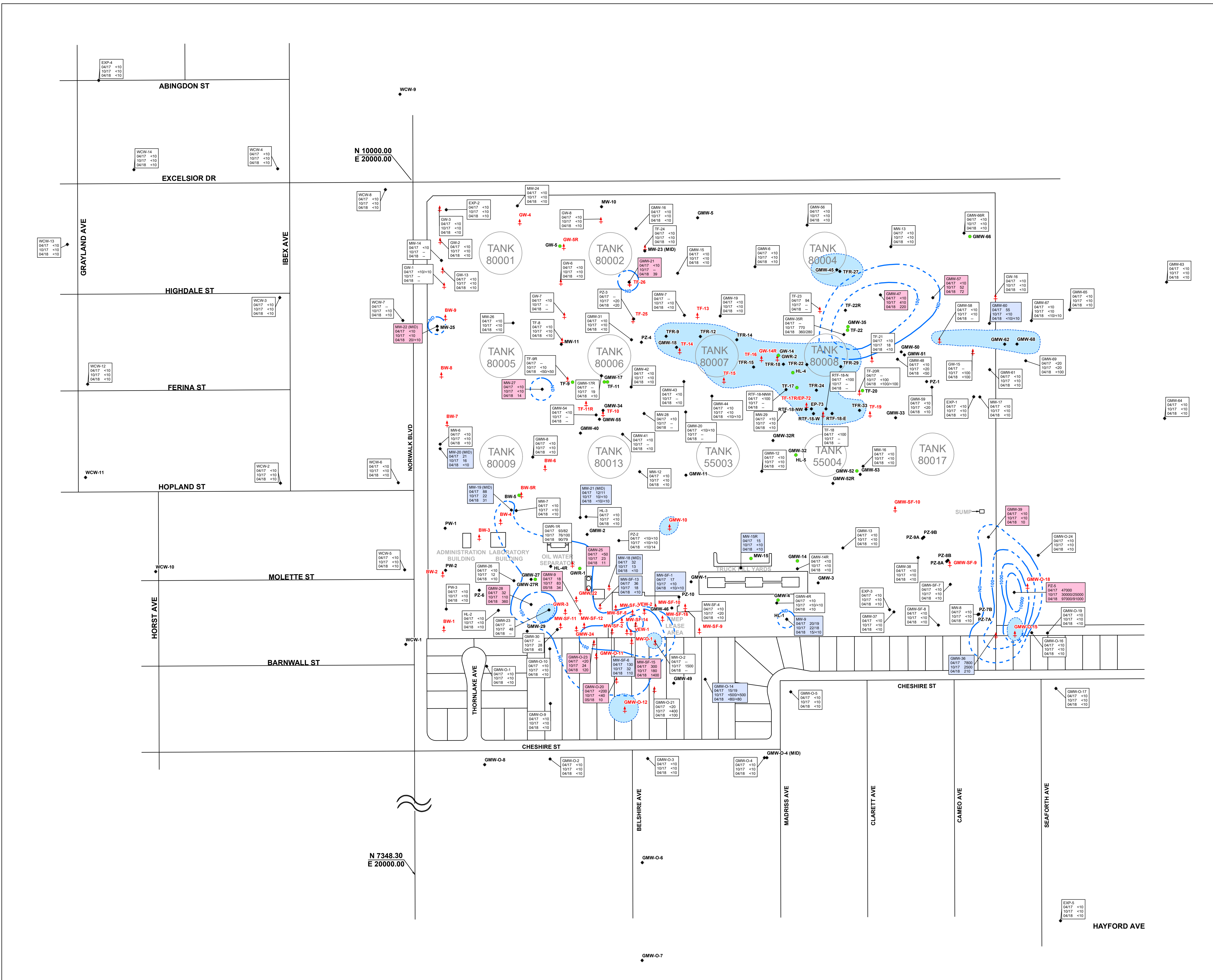
1. Base map prepared from data provided by Fluor Daniel GTI, Dulin & Boynton, Geomatrix, and Parsons.
2. Except as noted below, well locations surveyed by Dulin & Boynton.
3. Locations of wells HL-3, and HL-4 based on field measurements by Fluor Daniel GTI and Woodward-Clyde.
4. Locations of wells BW-1 through BW-9 surveyed by Geomatrix based on reference to other wells surveyed by Dulin & Boynton.
5. Locations of wells TFR-9, TFR-12, TFR-14, TFR-15, TFR-18, TFR-22, TFR-24, TFR-27, TFR-29, and TFR-33 based on field measurements by SGI.



METHYL TERTIARY BUTYL ETHER IN GROUNDWATER
 April/May 2018
 DEFENSE FUEL SUPPORT POINT NORWALK
 Norwalk, California

By: Ann Espejo Date: 6/2018 Project No: 704338

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Explanation

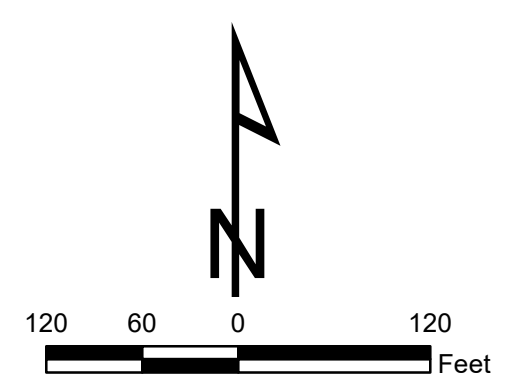
- GMW-5** ● Monitoring well and designation
- VEW-1** † Vapor extraction, groundwater extraction, total fluids, or free product extraction well used for site remediation
- TF-17** ● Decommissioned well
- Where the databox is shown in white, the concentration of TBA has remained similar (concentration change is less than 10%) at that location since the first semiannual monitoring event of the previous year, or the dataset shown does not provide a basis for comparison.
- Where the databox is shown in red, the concentration of TBA has increased by 10% or more at that location since the first semiannual monitoring event of the previous year.
- Where the databox is shown in blue, the concentration of TBA has decreased by 10% or more at that location since the first semiannual monitoring event of the previous year.
- <100 Not detected at or above laboratory reporting limit shown
- Not sampled/not analyzed
- <100/<100 Primary sample analytical result/duplicate sample analytical result (µg/L)
- ND --- Estimated extent of detected dissolved TBA in groundwater (concentration dependent on laboratory reporting limit); dashed where inferred
- 1,000 --- Lines of equal TBA concentration (µg/L) in groundwater; dashed where inferred
- Estimated extent of measurable light nonaqueous phase liquid (LNAPL, free product) on groundwater; dashed where inferred

Notes

1. Fuel storage tanks depicted on the figure are historical structures and have been removed from the site.

Survey Notes

1. Base map prepared from data provided by Fluor Daniel GTI, Dulin & Boynton, Geomatrix, and Parsons.
2. Except as noted below, well locations surveyed by Dulin & Boynton.
3. Locations of wells HL-3, and HL-4 based on field measurements by Fluor Daniel GTI and Woodward-Clyde.
4. Locations of wells BW-1 through BW-9 surveyed by Geomatrix based on reference to other wells surveyed by Dulin & Boynton.
5. Locations of wells TFR-9, TFR-12, TFR-14, TFR-15, TFR-18, TFR-22, TFR-24, TFR-27, TFR-29, and TFR-33 based on field measurements by SGI.



TERTIARY BUTYL ALCOHOL IN GROUNDWATER
April/May 2018
DEFENSE FUEL SUPPORT POINT NORWALK
Norwalk, California

By: Ann Espejo Date: 6/2018 Project No: 704383

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Appendix A
Semiannual Event Field Forms
(electronic copy provided on CD only)

This appendix is provided electronically on the enclosed CD.

Appendix B
Semiannual Event Laboratory Reports
(electronic copy provided on CD only)

This appendix is provided electronically on the enclosed CD.

Appendix C
Summary of Historical Groundwater
Elevations – November 1996 through
April 2018

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
BW-1	10/04/10	73.17	---	25.94	---	47.23
BW-1	04/11/11	73.17	---	25.36	---	47.81
BW-1	10/10/11	73.17	---	25.03	---	48.14
BW-1	04/16/12	73.17	---	26.20	---	46.97
BW-1	07/09/12	73.17	---	NM	---	NC
BW-1	10/15/12	73.17	---	25.26	---	47.91
BW-1	04/08/13	73.17	---	NM	---	NC
BW-2	10/04/10	73.57	---	26.02	---	47.55
BW-2	04/11/11	73.57	---	25.30	---	48.27
BW-2	10/10/11	73.57	---	23.81	---	49.76
BW-2	04/16/12	73.57	---	26.29	---	47.28
BW-2	07/09/12	73.57	---	NM	---	NC
BW-2	10/15/12	73.57	---	25.58	---	47.99
BW-2	04/08/13	73.57	---	27.65	---	45.92
BW-3	10/04/10	74.16	---	27.80	---	46.36
BW-3	04/11/11	74.16	---	26.14	---	48.02
BW-3	10/10/11	74.16	---	26.91	---	47.25
BW-3	04/16/12	74.16	---	27.37	---	46.79
BW-3	07/09/12	74.16	---	NM	---	NC
BW-3	10/15/12	74.16	---	26.19	---	47.97
BW-3	04/08/13	74.16	---	28.85	---	45.31
BW-4	10/04/10	74.61	---	27.10	---	47.51
BW-4	04/11/11	74.61	---	26.23	---	48.38
BW-4	10/10/11	74.61	---	26.30	---	48.31
BW-4	04/16/12	74.61	---	27.52	---	47.09
BW-4	07/09/12	74.61	---	NM	---	NC
BW-4	10/15/12	74.61	---	26.93	---	47.68
BW-4	04/08/13	74.61	---	29.00	---	45.61
BW-5	10/04/10	73.59	---	26.03	---	47.56
BW-5	04/11/11	73.59	---	25.18	---	48.41
BW-5	10/10/11	73.59	---	25.19	---	48.40
BW-5	04/16/12	73.59	---	26.57	---	47.02
BW-5	07/09/12	73.59	---	NM	---	NC
BW-5	10/15/12	73.59	---	26.11	---	47.48
BW-5	04/08/13	73.59	---	28.05	---	45.54
BW-6	10/04/10	73.48	---	26.36	---	47.12
BW-6	04/11/11	73.48	---	25.34	---	48.14
BW-6	10/10/11	73.48	---	25.74	---	47.74
BW-6	04/16/12	73.48	---	26.73	---	46.75
BW-6	07/09/12	73.48	---	NM	---	NC
BW-6	10/15/12	73.48	---	26.00	---	47.48
BW-6	04/08/13	73.48	---	28.34	---	45.14
BW-7	10/04/10	74.65	---	27.55	---	47.10
BW-7	04/11/11	74.65	---	26.70	---	47.95
BW-7	10/10/11	74.65	---	26.83	---	47.82
BW-7	04/16/12	74.65	---	27.71	---	46.94
BW-7	07/09/12	74.65	---	NM	---	NC
BW-7	10/15/12	74.65	---	27.15	---	47.50
BW-7	04/08/13	74.65	---	29.01	---	45.64
BW-8	10/04/10	75.08	---	27.97	---	47.11
BW-8	04/11/11	75.08	---	27.28	---	47.80
BW-8	10/10/11	75.08	---	27.15	---	47.93
BW-8	04/16/12	75.08	---	28.08	---	47.00
BW-8	07/09/12	75.08	---	NM	---	NC
BW-8	10/15/12	75.08	---	29.61	---	45.47

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
BW-8	04/08/13	75.08	---	29.46	---	45.62
BW-9	10/04/10	76.19	---	29.20	---	46.99
BW-9	04/11/11	76.19	---	28.50	---	47.69
BW-9	10/10/11	76.19	---	28.49	---	47.70
BW-9	04/16/12	76.19	---	29.40	---	46.79
BW-9	07/09/12	76.19	---	NM	---	NC
BW-9	10/15/12	76.19	---	29.22	---	46.97
BW-9	04/08/13	76.19	---	30.54	---	45.65
EP-73	10/04/17	77.21	35.31	36.55	0.24	NC
EP-73	04/16/18	77.21	35.89	37.67	1.78	NC
EXP-1	05/28/96	78.44	---	48.29	---	30.15
EXP-1	11/20/96	78.44	---	49.10	---	29.34
EXP-1	07/01/97	78.44	---	47.89	---	30.55
EXP-1	12/31/97	78.44	---	47.08	---	31.36
EXP-1	05/01/98	78.44	---	45.16	---	33.28
EXP-1	05/25/99	78.44	---	45.44	---	33.00
EXP-1	08/09/99	78.44	---	47.60	---	30.84
EXP-1	09/23/99	78.44	---	48.53	---	29.91
EXP-1	10/12/99	78.44	---	48.51	---	29.93
EXP-1	11/15/99	78.44	---	48.39	---	30.05
EXP-1	12/21/99	78.44	---	47.69	---	30.75
EXP-1	01/20/00	78.44	---	47.45	---	30.99
EXP-1	02/28/00	78.44	---	46.92	---	31.52
EXP-1	03/28/00	78.44	---	46.65	---	31.79
EXP-1	04/20/00	78.44	---	47.20	---	31.24
EXP-1	05/15/00	78.44	---	47.51	---	30.93
EXP-1	05/15/00	78.44	---	47.55	---	30.89
EXP-1	06/30/00	78.44	---	48.51	---	29.93
EXP-1	08/28/00	78.44	---	49.50	---	28.94
EXP-1	02/05/01	78.44	---	48.47	---	29.97
EXP-1	05/07/01	78.44	---	48.15	---	30.29
EXP-1	05/07/01	78.44	---	48.09	---	30.35
EXP-1	09/18/01	78.44	---	50.22	---	28.22
EXP-1	11/05/01	78.44	---	50.17	---	28.27
EXP-1	11/13/01	78.44	---	49.32	---	29.12
EXP-1	11/13/01	78.44	---	49.31	---	29.13
EXP-1	01/29/02	78.44	---	49.07	---	29.37
EXP-1	04/08/02	78.44	---	49.20	---	29.24
EXP-1	04/08/02	78.44	---	48.96	---	29.48
EXP-1	07/29/02	78.44	---	51.35	---	27.09
EXP-1	10/21/02	78.44	---	51.91	---	26.53
EXP-1	10/21/02	78.44	---	51.94	---	26.50
EXP-1	01/27/03	78.44	---	49.60	---	28.84
EXP-1	04/07/03	78.44	---	50.30	---	28.14
EXP-1	04/07/03	78.44	---	50.28	---	28.16
EXP-1	07/30/03	78.44	---	51.42	---	27.02
EXP-1	10/06/03	78.44	---	51.77	---	26.67
EXP-1	10/06/03	78.44	---	51.76	---	26.68
EXP-1	01/27/04	78.44	---	51.25	---	27.19
EXP-1	04/19/04	78.44	---	51.09	---	27.35
EXP-1	04/19/04	78.44	---	51.09	---	27.35
EXP-1	07/19/04	78.44	---	52.91	---	25.53
EXP-1	11/01/04	78.44	---	54.14	---	24.30
EXP-1	02/01/05	78.44	---	52.90	---	25.54
EXP-1	05/02/05	78.44	---	51.91	---	26.53

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
EXP-1	05/02/05	78.44	---	51.77	---	26.67
EXP-1	08/01/05	78.44	---	52.61	---	25.83
EXP-1	10/31/05	78.44	---	52.59	---	25.85
EXP-1	02/27/06	78.44	---	50.28	---	28.16
EXP-1	03/06/06	78.44	---	50.63	---	27.81
EXP-1	05/01/06	78.44	---	49.70	---	28.74
EXP-1	05/01/06	78.44	---	49.30	---	29.14
EXP-1	08/26/06	78.44	---	50.53	---	27.91
EXP-1	09/18/06	78.44	---	50.56	---	27.88
EXP-1	12/01/06	78.44	---	50.74	---	27.70
EXP-1	12/04/06	78.44	---	50.28	---	28.16
EXP-1	03/12/07	78.44	---	48.91	---	29.53
EXP-1	03/21/07	78.44	---	48.82	---	29.62
EXP-1	04/27/07	78.44	---	49.20	---	29.24
EXP-1	04/30/07	78.44	---	48.85	---	29.59
EXP-1	08/28/07	78.44	---	51.38	---	27.06
EXP-1	08/28/07	78.44	---	51.38	---	27.06
EXP-1	11/12/07	78.44	---	52.27	---	26.17
EXP-1	11/12/07	78.44	---	52.37	---	26.07
EXP-1	02/05/08	78.44	---	52.15	---	26.29
EXP-1	02/19/08	78.44	---	51.63	---	26.81
EXP-1	04/11/08	78.44	---	51.51	---	26.93
EXP-1	04/14/08	78.44	---	51.40	---	27.04
EXP-1	07/24/08	78.44	---	52.92	---	25.52
EXP-1	08/11/08	78.44	---	53.21	---	25.23
EXP-1	10/13/08	78.44	---	53.75	---	24.69
EXP-1	10/14/08	78.44	---	53.75	---	24.69
EXP-1	02/09/09	78.44	---	52.56	---	25.88
EXP-1	04/20/09	78.44	---	53.41	---	25.03
EXP-1	04/20/09	78.44	---	53.41	---	25.03
EXP-1	07/16/09	78.44	---	55.06	---	23.38
EXP-1	07/20/09	78.44	---	54.83	---	23.61
EXP-1	10/19/09	78.44	---	55.86	---	22.58
EXP-1	01/11/10	78.44	---	55.80	---	22.64
EXP-1	03/15/10	78.44	---	55.01	---	23.43
EXP-1	04/07/10	78.44	---	55.29	---	23.15
EXP-1	04/12/10	78.44	---	55.24	---	23.20
EXP-1	05/24/10	78.44	---	55.38	---	23.06
EXP-1	05/28/10	78.44	---	55.40	---	23.04
EXP-1	10/04/10	78.44	---	56.44	---	22.00
EXP-1	01/06/11	78.44	---	54.99	---	23.45
EXP-1	01/10/11	78.44	---	54.77	---	23.67
EXP-1	04/07/11	78.44	---	53.67	---	24.77
EXP-1	04/11/11	78.44	---	53.98	---	24.46
EXP-1	07/07/11	78.44	---	53.65	---	24.79
EXP-1	07/11/11	78.44	---	53.51	---	24.93
EXP-1	10/06/11	78.44	---	54.13	---	24.31
EXP-1	10/10/11	78.44	---	53.75	---	24.69
EXP-1	01/09/12	78.44	---	52.67	---	25.77
EXP-1	01/09/12	78.44	---	52.67	---	25.77
EXP-1	04/16/12	78.44	---	52.29	---	26.15
EXP-1	04/16/12	78.44	---	52.29	---	26.15
EXP-1	07/09/12	78.44	---	52.69	---	25.75
EXP-1	10/15/12	78.44	---	53.63	---	24.81
EXP-1	01/10/13	78.44	---	52.78	---	25.66

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
EXP-1	01/14/13	78.44	---	52.99	---	25.45
EXP-1	04/03/13	78.44	---	52.91	---	25.53
EXP-1	04/08/13	78.44	---	52.51	---	25.93
EXP-1	04/08/13	78.44	---	52.57	---	25.87
EXP-1	10/01/13	78.44	---	55.34	---	23.10
EXP-1	10/07/13	78.44	---	55.41	---	23.03
EXP-1	04/09/14	78.44	---	55.42	---	23.02
EXP-1	04/14/14	78.44	---	55.45	---	22.99
EXP-1	10/27/14	78.44	---	58.29	---	20.15
EXP-1	10/27/14	78.44	---	58.44	---	20.00
EXP-1	04/20/15	78.44	---	57.81	---	20.63
EXP-1	10/19/15	78.44	---	59.22	---	19.22
EXP-1	04/11/16	78.44	---	59.50	---	18.94
EXP-1	04/13/16	78.44	---	59.43	---	19.01
EXP-1	10/03/16	78.44	---	61.31	---	17.13
EXP-1	10/03/16	78.44	---	61.17	---	17.27
EXP-1	04/17/17	78.44	---	60.47	---	17.97
EXP-1	04/18/17	78.44	---	60.48	---	17.96
EXP-1	10/02/17	78.44	---	60.98	---	17.46
EXP-1	10/03/17	78.44	---	61.14	---	17.30
EXP-1	04/16/18	78.44	---	60.17	---	18.27
EXP-2	05/28/96	79.43	---	47.58	---	31.85
EXP-2	11/20/96	79.43	---	48.20	---	31.23
EXP-2	07/01/97	79.43	---	47.19	---	32.24
EXP-2	12/31/97	79.43	---	46.33	---	33.10
EXP-2	05/01/98	79.43	---	44.40	---	35.03
EXP-2	05/04/99	79.43	---	44.05	---	35.38
EXP-2	05/25/99	79.43	---	44.85	---	34.58
EXP-2	07/21/99	79.43	---	46.67	---	32.76
EXP-2	08/09/99	79.43	---	47.02	---	32.41
EXP-2	09/23/99	79.43	---	48.90	---	30.53
EXP-2	10/12/99	79.43	---	48.93	---	30.50
EXP-2	11/15/99	79.43	---	47.76	---	31.67
EXP-2	12/21/99	79.43	---	47.03	---	32.40
EXP-2	01/20/00	79.43	---	46.85	---	32.58
EXP-2	02/28/00	79.43	---	46.39	---	33.04
EXP-2	03/28/00	79.43	---	46.15	---	33.28
EXP-2	04/20/00	79.43	---	46.69	---	32.74
EXP-2	05/15/00	79.43	---	47.04	---	32.39
EXP-2	05/15/00	79.43	---	47.05	---	32.38
EXP-2	06/30/00	79.43	---	48.01	---	31.42
EXP-2	08/28/00	79.43	---	48.96	---	30.47
EXP-2	11/13/00	79.43	---	48.71	---	30.72
EXP-2	11/13/00	79.43	---	48.74	---	30.69
EXP-2	02/05/01	79.43	---	47.83	---	31.60
EXP-2	05/07/01	79.43	---	47.61	---	31.82
EXP-2	05/07/01	79.43	---	47.58	---	31.85
EXP-2	09/18/01	79.43	---	49.75	---	29.68
EXP-2	11/05/01	79.43	---	49.60	---	29.83
EXP-2	01/29/02	79.43	---	48.56	---	30.87
EXP-2	04/08/02	79.43	---	48.72	---	30.71
EXP-2	04/08/02	79.43	---	48.63	---	30.80
EXP-2	07/29/02	79.43	---	50.90	---	28.53
EXP-2	10/21/02	79.43	---	51.51	---	27.92
EXP-2	10/21/02	79.43	---	51.46	---	27.97

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
EXP-2	01/27/03	79.43	---	49.29	---	30.14
EXP-2	04/07/03	79.43	---	50.05	---	29.38
EXP-2	04/07/03	79.43	---	49.95	---	29.48
EXP-2	07/30/03	79.43	---	51.15	---	28.28
EXP-2	10/06/03	79.43	---	51.62	---	27.81
EXP-2	10/06/03	79.43	---	51.62	---	27.81
EXP-2	01/27/04	79.43	---	51.09	---	28.34
EXP-2	04/19/04	79.43	---	51.08	---	28.35
EXP-2	04/19/04	79.43	---	50.00	---	29.43
EXP-2	07/19/04	79.43	---	52.90	---	26.53
EXP-2	11/01/04	79.43	---	53.98	---	25.45
EXP-2	02/01/05	79.43	---	52.89	---	26.54
EXP-2	05/02/05	79.43	---	51.87	---	27.56
EXP-2	05/02/05	79.43	---	51.75	---	27.68
EXP-2	08/01/05	79.43	---	52.65	---	26.78
EXP-2	10/31/05	79.43	---	52.55	---	26.88
EXP-2	02/27/06	79.43	---	50.30	---	29.13
EXP-2	05/01/06	79.43	---	49.69	---	29.74
EXP-2	05/01/06	79.43	---	49.31	---	30.12
EXP-2	09/18/06	79.43	---	51.53	---	27.90
EXP-2	12/01/06	79.43	---	50.60	---	28.83
EXP-2	12/04/06	79.43	---	50.19	---	29.24
EXP-2	03/12/07	79.43	---	48.92	---	30.51
EXP-2	04/30/07	79.43	---	49.31	---	30.12
EXP-2	04/30/07	79.43	---	48.87	---	30.56
EXP-2	08/28/07	79.43	---	51.31	---	28.12
EXP-2	11/12/07	79.43	---	52.27	---	27.16
EXP-2	11/12/07	79.43	---	52.27	---	27.16
EXP-2	02/19/08	79.43	---	51.49	---	27.94
EXP-2	04/11/08	79.43	---	51.46	---	27.97
EXP-2	04/14/08	79.43	---	51.35	---	28.08
EXP-2	07/24/08	79.43	---	53.08	---	26.35
EXP-2	08/11/08	79.43	---	53.28	---	26.15
EXP-2	10/13/08	79.43	---	53.76	---	25.67
EXP-2	10/14/08	79.43	---	53.76	---	25.67
EXP-2	02/09/09	79.43	---	52.81	---	26.62
EXP-2	04/20/09	79.43	---	54.83	---	24.60
EXP-2	04/20/09	79.43	---	54.83	---	24.60
EXP-2	07/16/09	79.43	---	54.91	---	24.52
EXP-2	07/20/09	79.43	---	54.91	---	24.52
EXP-2	10/19/09	79.43	---	55.90	---	23.53
EXP-2	01/11/10	79.43	---	55.93	---	23.50
EXP-2	03/15/10	79.43	---	55.22	---	24.21
EXP-2	04/07/10	79.43	---	55.52	---	23.91
EXP-2	04/12/10	79.43	---	55.82	---	23.61
EXP-2	05/24/10	79.43	---	55.66	---	23.77
EXP-2	05/28/10	79.43	---	55.69	---	23.74
EXP-2	10/04/10	79.43	---	56.65	---	22.78
EXP-2	01/06/11	79.43	---	55.48	---	23.95
EXP-2	01/10/11	79.43	---	55.18	---	24.25
EXP-2	04/06/11	79.43	---	54.07	---	25.36
EXP-2	04/11/11	79.43	---	54.44	---	24.99
EXP-2	07/07/11	79.43	---	54.18	---	25.25
EXP-2	07/11/11	79.43	---	53.94	---	25.49
EXP-2	10/06/11	79.43	---	54.26	---	25.17

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
EXP-2	10/10/11	79.43	---	53.21	---	26.22
EXP-2	01/09/12	79.43	---	52.98	---	26.45
EXP-2	01/09/12	79.43	---	52.98	---	26.45
EXP-2	04/16/12	79.43	---	52.63	---	26.80
EXP-2	04/16/12	79.43	---	52.63	---	26.80
EXP-2	07/09/12	79.43	---	53.08	---	26.35
EXP-2	10/15/12	79.43	---	53.96	---	25.47
EXP-2	01/10/13	79.43	---	53.22	---	26.21
EXP-2	01/14/13	79.43	---	53.02	---	26.41
EXP-2	04/02/13	79.43	---	53.33	---	26.10
EXP-2	04/08/13	79.43	---	52.97	---	26.46
EXP-2	10/01/13	79.43	---	55.89	---	23.54
EXP-2	10/07/13	79.43	---	55.88	---	23.55
EXP-2	04/07/14	79.43	---	56.07	---	23.36
EXP-2	04/14/14	79.43	---	56.10	---	23.33
EXP-2	10/27/14	79.43	---	58.94	---	20.49
EXP-2	10/27/14	79.43	---	59.11	---	20.32
EXP-2	04/20/15	79.43	---	58.53	---	20.90
EXP-2	10/19/15	79.43	---	60.23	---	19.20
EXP-2	04/11/16	79.43	---	60.25	---	19.18
EXP-2	04/11/16	79.43	---	60.31	---	19.12
EXP-2	10/03/16	79.43	---	61.88	---	17.55
EXP-2	10/03/16	79.43	---	62.18	---	17.25
EXP-2	04/17/17	79.43	---	61.39	---	18.04
EXP-2	04/17/17	79.43	---	61.42	---	18.01
EXP-2	10/02/17	79.43	---	62.04	---	17.39
EXP-2	04/16/18	79.43	---	61.08	---	18.35
EXP-3	05/28/96	77.58	---	47.40	---	30.18
EXP-3	11/20/96	77.58	---	48.25	---	29.33
EXP-3	07/01/97	77.58	---	47.15	---	30.43
EXP-3	12/31/97	77.58	---	46.21	---	31.37
EXP-3	05/01/98	77.58	---	44.19	---	33.39
EXP-3	05/04/99	77.58	---	43.88	---	33.70
EXP-3	05/26/99	77.58	---	44.72	---	32.86
EXP-3	08/09/99	77.58	---	46.98	---	30.60
EXP-3	09/23/99	77.58	---	47.78	---	29.80
EXP-3	10/12/99	77.58	---	47.76	---	29.82
EXP-3	11/15/99	77.58	---	47.65	---	29.93
EXP-3	12/21/99	77.58	---	46.85	---	30.73
EXP-3	01/20/00	77.58	---	46.57	---	31.01
EXP-3	02/28/00	77.58	---	46.01	---	31.57
EXP-3	03/28/00	77.58	---	45.79	---	31.79
EXP-3	04/20/00	77.58	---	46.35	---	31.23
EXP-3	05/15/00	77.58	---	46.68	---	30.90
EXP-3	05/15/00	77.58	---	46.63	---	30.95
EXP-3	06/30/00	77.58	---	47.75	---	29.83
EXP-3	08/28/00	77.58	---	48.77	---	28.81
EXP-3	11/13/00	77.58	---	48.41	---	29.17
EXP-3	11/13/00	77.58	---	48.51	---	29.07
EXP-3	02/05/01	77.58	---	47.58	---	30.00
EXP-3	05/07/01	77.58	---	47.29	---	30.29
EXP-3	05/07/01	77.58	---	47.26	---	30.32
EXP-3	09/18/01	77.58	---	49.46	---	28.12
EXP-3	11/05/01	77.58	---	49.32	---	28.26
EXP-3	01/29/02	77.58	---	48.19	---	29.39

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
EXP-3	04/08/02	77.58	---	48.25	---	29.33
EXP-3	04/08/02	77.58	---	48.21	---	29.37
EXP-3	07/29/02	77.58	---	50.59	---	26.99
EXP-3	10/21/02	77.58	---	51.11	---	26.47
EXP-3	10/21/02	77.58	---	51.16	---	26.42
EXP-3	01/27/03	77.58	---	48.62	---	28.96
EXP-3	04/07/03	77.58	---	49.55	---	28.03
EXP-3	04/07/03	77.58	---	49.46	---	28.12
EXP-3	07/30/03	77.58	---	50.59	---	26.99
EXP-3	10/06/03	77.58	---	50.95	---	26.63
EXP-3	10/06/03	77.58	---	51.01	---	26.57
EXP-3	01/27/04	77.58	---	50.35	---	27.23
EXP-3	04/19/04	77.58	---	50.19	---	27.39
EXP-3	04/19/04	77.58	---	50.22	---	27.36
EXP-3	07/19/04	77.58	---	52.19	---	25.39
EXP-3	11/01/04	77.58	---	53.26	---	24.32
EXP-3	02/01/05	77.58	---	51.94	---	25.64
EXP-3	05/02/05	77.58	---	50.90	---	26.68
EXP-3	05/02/05	77.58	---	49.83	---	27.75
EXP-3	08/01/05	77.58	---	51.82	---	25.76
EXP-3	10/31/05	77.58	---	51.71	---	25.87
EXP-3	02/27/06	77.58	---	49.29	---	28.29
EXP-3	05/01/06	77.58	---	48.74	---	28.84
EXP-3	05/01/06	77.58	---	48.31	---	29.27
EXP-3	09/18/06	77.58	---	50.14	---	27.44
EXP-3	12/01/06	77.58	---	49.74	---	27.84
EXP-3	12/04/06	77.58	---	49.41	---	28.17
EXP-3	03/12/07	77.58	---	47.95	---	29.63
EXP-3	04/30/07	77.58	---	48.31	---	29.27
EXP-3	04/30/07	77.58	---	47.86	---	29.72
EXP-3	08/28/07	77.58	---	50.61	---	26.97
EXP-3	11/12/07	77.58	---	51.56	---	26.02
EXP-3	11/12/07	77.58	---	51.57	---	26.01
EXP-3	02/05/08	77.58	---	51.23	---	26.35
EXP-3	02/19/08	77.58	---	50.70	---	26.88
EXP-3	04/14/08	77.58	---	50.63	---	26.95
EXP-3	04/14/08	77.58	---	50.60	---	26.98
EXP-3	07/24/08	77.58	---	52.78	---	24.80
EXP-3	08/11/08	77.58	---	52.45	---	25.13
EXP-3	10/13/08	77.58	---	52.97	---	24.61
EXP-3	10/14/08	77.58	---	52.97	---	24.61
EXP-3	02/10/09	77.58	---	52.16	---	25.42
EXP-3	04/20/09	77.58	---	52.97	---	24.61
EXP-3	04/20/09	77.58	---	52.97	---	24.61
EXP-3	07/16/09	77.58	---	54.02	---	23.56
EXP-3	07/20/09	77.58	---	53.93	---	23.65
EXP-3	10/19/09	77.58	---	55.40	---	22.18
EXP-3	01/11/10	77.58	---	54.51	---	23.07
EXP-3	03/15/10	77.58	---	54.10	---	23.48
EXP-3	04/07/10	77.58	---	54.36	---	23.22
EXP-3	04/12/10	77.58	---	54.82	---	22.76
EXP-3	05/24/10	77.58	---	54.54	---	23.04
EXP-3	05/28/10	77.58	---	54.51	---	23.07
EXP-3	10/04/10	77.58	---	55.42	---	22.16
EXP-3	01/08/11	77.58	---	53.91	---	23.67

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
EXP-3	01/10/11	77.58	---	53.88	---	23.70
EXP-3	04/07/11	77.58	---	52.66	---	24.92
EXP-3	04/11/11	77.58	---	52.92	---	24.66
EXP-3	07/08/11	77.58	---	52.73	---	24.85
EXP-3	07/11/11	77.58	---	52.54	---	25.04
EXP-3	10/06/11	77.58	---	53.23	---	24.35
EXP-3	10/10/11	77.58	---	52.74	---	24.84
EXP-3	01/09/12	77.58	---	51.67	---	25.91
EXP-3	01/09/12	77.58	---	51.67	---	25.91
EXP-3	04/16/12	77.58	---	51.34	---	26.24
EXP-3	04/16/12	77.58	---	51.34	---	26.24
EXP-3	07/09/12	77.58	---	51.87	---	25.71
EXP-3	08/29/12	77.58	---	52.69	---	24.89
EXP-3	10/15/12	77.58	---	52.80	---	24.78
EXP-3	01/11/13	77.58	---	51.94	---	25.64
EXP-3	01/14/13	77.58	---	51.70	---	25.88
EXP-3	04/03/13	77.58	---	52.01	---	25.57
EXP-3	04/08/13	77.58	---	51.65	---	25.93
EXP-3	10/02/13	77.58	---	54.61	---	22.97
EXP-3	10/07/13	77.58	---	54.62	---	22.96
EXP-3	04/09/14	77.58	---	54.55	---	23.03
EXP-3	04/14/14	77.58	---	54.68	---	22.90
EXP-3	10/27/14	77.58	---	57.55	---	20.03
EXP-3	10/27/14	77.58	---	57.70	---	19.88
EXP-3	04/20/15	77.58	---	56.91	---	20.67
EXP-3	10/19/15	77.58	---	58.43	---	19.15
EXP-3	04/11/16	77.58	---	58.80	---	18.78
EXP-3	04/12/16	77.58	---	58.72	---	18.86
EXP-3	10/03/16	77.58	---	60.52	---	17.06
EXP-3	10/03/16	77.58	---	60.92	---	16.66
EXP-3	04/17/17	77.58	---	59.52	---	18.06
EXP-3	04/18/17	77.58	---	59.59	---	17.99
EXP-3	10/02/17	77.58	---	60.12	---	17.46
EXP-3	10/03/17	77.58	---	60.26	---	17.32
EXP-3	04/16/18	77.58	---	59.31	---	18.27
EXP-4	02/03/99	79.81	---	43.49	---	36.32
EXP-4	05/04/99	79.81	---	43.43	---	36.38
EXP-4	07/21/99	79.81	---	46.03	---	33.78
EXP-4	08/09/99	79.81	---	46.49	---	33.32
EXP-4	09/23/99	79.81	---	47.29	---	32.52
EXP-4	10/12/99	79.81	---	47.30	---	32.51
EXP-4	11/15/99	79.81	---	47.18	---	32.63
EXP-4	12/21/99	79.81	---	46.42	---	33.39
EXP-4	01/20/00	79.81	---	46.29	---	33.52
EXP-4	02/28/00	79.81	---	45.89	---	33.92
EXP-4	03/28/00	79.81	---	45.61	---	34.20
EXP-4	04/20/00	79.81	---	46.12	---	33.69
EXP-4	05/15/00	79.81	---	46.39	---	33.42
EXP-4	06/30/00	79.81	---	47.42	---	32.39
EXP-4	08/28/00	79.81	---	48.35	---	31.46
EXP-4	11/13/00	79.81	---	48.15	---	31.66
EXP-4	02/05/01	79.81	---	47.26	---	32.55
EXP-4	05/07/01	79.81	---	47.01	---	32.80
EXP-4	09/18/01	79.81	---	49.10	---	30.71
EXP-4	11/05/01	79.81	---	48.97	---	30.84

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
EXP-4	01/29/02	79.81	---	47.97	---	31.84
EXP-4	04/08/02	79.81	---	48.01	---	31.80
EXP-4	10/21/02	79.81	---	51.45	---	28.36
EXP-4	04/07/03	79.81	---	49.51	---	30.30
EXP-4	10/06/03	79.81	---	51.14	---	28.67
EXP-4	01/11/04	79.81	---	53.61	---	26.20
EXP-4	04/19/04	79.81	---	50.59	---	29.22
EXP-4	05/02/05	79.81	---	51.43	---	28.38
EXP-4	10/31/05	79.81	---	49.21	---	30.60
EXP-4	05/01/06	79.81	---	49.00	---	30.81
EXP-4	09/18/06	79.81	---	49.73	---	30.08
EXP-4	12/04/06	79.81	---	44.51	---	35.30
EXP-4	04/30/07	79.81	---	48.59	---	31.22
EXP-4	11/12/07	79.81	---	51.35	---	28.46
EXP-4	04/14/08	79.81	---	50.95	---	28.86
EXP-4	10/13/08	79.81	---	53.29	---	26.52
EXP-4	04/20/09	79.81	---	53.54	---	26.27
EXP-4	07/20/09	79.81	---	54.51	---	25.30
EXP-4	10/19/09	79.81	---	55.42	---	24.39
EXP-4	05/24/10	79.81	---	55.10	---	24.71
EXP-4	05/28/10	79.81	---	55.10	---	24.71
EXP-4	10/04/10	79.81	---	56.23	---	23.58
EXP-4	04/11/11	79.81	---	54.10	---	25.71
EXP-4	10/10/11	79.81	---	53.93	---	25.88
EXP-4	04/16/12	79.81	---	52.49	---	27.32
EXP-4	07/09/12	79.81	---	NM	---	NC
EXP-4	10/15/12	79.81	---	53.74	---	26.07
EXP-4	04/08/13	79.81	---	52.51	---	27.30
EXP-4	10/07/13	79.81	---	55.62	---	24.19
EXP-4	04/14/14	79.81	---	55.92	---	23.89
EXP-4	10/27/14	79.81	---	58.95	---	20.86
EXP-4	04/20/15	79.81	---	58.43	---	21.38
EXP-4	10/19/15	79.81	---	60.00	---	19.81
EXP-4	04/11/16	79.81	---	60.30	---	19.51
EXP-4	10/03/16	79.81	---	62.71	---	17.10
EXP-4	10/03/16	79.81	---	62.71	---	17.10
EXP-4	04/17/17	79.81	---	61.41	---	18.40
EXP-4	10/02/17	79.81	---	62.03	---	17.78
EXP-4	04/16/18	79.81	---	61.39	---	18.42
EXP-5	02/03/99	72.41	---	39.50	---	32.91
EXP-5	05/03/99	72.41	---	39.30	---	33.11
EXP-5	07/21/99	72.41	---	42.10	---	30.31
EXP-5	08/09/99	72.41	---	42.60	---	29.81
EXP-5	09/23/99	72.41	---	43.41	---	29.00
EXP-5	10/12/99	72.41	---	43.39	---	29.02
EXP-5	11/15/99	72.41	---	43.21	---	29.20
EXP-5	12/21/99	72.41	---	42.30	---	30.11
EXP-5	01/20/00	72.41	---	42.07	---	30.34
EXP-5	02/28/00	72.41	---	41.45	---	30.96
EXP-5	03/28/00	72.41	---	41.20	---	31.21
EXP-5	04/20/00	72.41	---	41.78	---	30.63
EXP-5	05/15/00	72.41	---	42.16	---	30.25
EXP-5	06/30/00	72.41	---	43.26	---	29.15
EXP-5	08/28/00	72.41	---	44.32	---	28.09
EXP-5	11/13/00	72.41	---	44.02	---	28.39

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
EXP-5	02/05/01	72.41	---	42.95	---	29.46
EXP-5	05/07/01	72.41	---	43.46	---	28.95
EXP-5	09/18/01	72.41	---	45.01	---	27.40
EXP-5	11/05/01	72.41	---	44.81	---	27.60
EXP-5	01/29/02	72.41	---	43.55	---	28.86
EXP-5	04/08/02	72.41	---	43.72	---	28.69
EXP-5	07/29/02	72.41	---	46.12	---	26.29
EXP-5	10/21/02	72.41	---	46.61	---	25.80
EXP-5	01/27/03	72.41	---	43.89	---	28.52
EXP-5	04/07/03	72.41	---	44.70	---	27.71
EXP-5	07/30/03	72.41	---	45.89	---	26.52
EXP-5	10/06/03	72.41	---	46.35	---	26.06
EXP-5	01/11/04	72.41	---	48.53	---	23.88
EXP-5	01/27/04	72.41	---	45.57	---	26.84
EXP-5	04/19/04	72.41	---	45.41	---	27.00
EXP-5	07/19/04	72.41	---	47.55	---	24.86
EXP-5	02/01/05	72.41	---	47.07	---	25.34
EXP-5	05/02/05	72.41	---	45.81	---	26.60
EXP-5	08/01/05	72.41	---	45.37	---	27.04
EXP-5	10/31/05	72.41	---	46.83	---	25.58
EXP-5	02/27/06	72.41	---	47.21	---	25.20
EXP-5	05/01/06	72.41	---	43.34	---	29.07
EXP-5	09/18/06	72.41	---	44.88	---	27.53
EXP-5	12/04/06	72.41	---	49.73	---	22.68
EXP-5	03/12/07	72.41	---	43.02	---	29.39
EXP-5	04/30/07	72.41	---	43.02	---	29.39
EXP-5	08/28/07	72.41	---	45.86	---	26.55
EXP-5	11/12/07	72.41	---	46.37	---	26.04
EXP-5	02/19/08	72.41	---	45.90	---	26.51
EXP-5	04/14/08	72.41	---	45.73	---	26.68
EXP-5	08/11/08	72.41	---	47.68	---	24.73
EXP-5	10/13/08	72.41	---	48.19	---	24.22
EXP-5	04/20/09	72.41	---	47.86	---	24.55
EXP-5	07/20/09	72.41	---	49.10	---	23.31
EXP-5	10/19/09	72.41	---	50.61	---	21.80
EXP-5	03/15/10	72.41	---	49.02	---	23.39
EXP-5	05/24/10	72.41	---	49.54	---	22.87
EXP-5	05/28/10	72.41	---	49.49	---	22.92
EXP-5	10/04/10	72.41	---	50.35	---	22.06
EXP-5	01/10/11	72.41	---	48.69	---	23.72
EXP-5	04/11/11	72.41	---	49.82	---	22.59
EXP-5	07/11/11	72.41	---	47.42	---	24.99
EXP-5	10/10/11	72.41	---	49.58	---	22.83
EXP-5	01/09/12	72.41	---	46.53	---	25.88
EXP-5	04/16/12	72.41	---	46.21	---	26.20
EXP-5	07/09/12	72.41	---	46.88	---	25.53
EXP-5	10/15/12	72.41	---	47.78	---	24.63
EXP-5	01/14/13	72.41	---	46.64	---	25.77
EXP-5	04/08/13	72.41	---	46.58	---	25.83
EXP-5	10/07/13	72.41	---	50.13	---	22.28
EXP-5	04/14/14	72.41	---	49.42	---	22.99
EXP-5	10/27/14	72.41	---	52.58	---	19.83
EXP-5	04/20/15	72.41	---	51.71	---	20.70
EXP-5	10/19/15	72.41	---	53.27	---	19.14
EXP-5	04/11/16	72.41	---	53.40	---	19.01

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
EXP-5	10/03/16	72.41	---	55.40	---	17.01
EXP-5	10/03/16	72.41	---	55.40	---	17.01
EXP-5	04/17/17	72.41	---	54.26	---	18.15
EXP-5	10/02/17	72.41	---	54.73	---	17.68
EXP-5	04/16/18	72.41	---	53.83	---	18.58
GMW-1	05/28/96	74.77	---	26.93	---	47.84
GMW-1	11/20/96	74.77	---	27.73	---	47.04
GMW-1	07/01/97	74.77	---	27.97	---	46.80
GMW-1	12/31/97	74.77	---	27.85	---	46.92
GMW-1	05/01/98	74.77	---	24.77	---	50.00
GMW-1	05/04/99	74.77	---	25.75	---	49.02
GMW-1	08/09/99	74.77	---	26.24	---	48.53
GMW-1	11/15/99	74.77	---	26.39	---	48.38
GMW-1	05/15/00	74.77	---	26.26	---	48.51
GMW-1	11/13/00	74.77	---	26.95	---	47.82
GMW-1	05/07/01	74.77	---	25.50	---	49.27
GMW-1	11/05/01	74.77	---	25.53	---	49.24
GMW-1	04/08/02	74.77	---	26.10	---	48.67
GMW-1	10/21/02	74.77	---	26.82	---	47.95
GMW-1	04/07/03	74.77	---	26.17	---	48.60
GMW-1	07/30/03	74.77	---	26.11	---	48.66
GMW-1	10/06/03	74.77	---	26.22	---	48.55
GMW-1	01/11/04	74.77	---	27.59	---	47.18
GMW-1	01/27/04	74.77	---	26.57	---	48.20
GMW-1	04/19/04	74.77	---	27.25	---	47.52
GMW-1	07/19/04	74.77	---	26.84	---	47.93
GMW-1	02/01/05	74.77	---	25.79	---	48.98
GMW-1	05/02/05	74.77	---	20.84	---	53.93
GMW-1	08/01/05	74.77	---	21.92	---	52.85
GMW-1	10/31/05	74.77	---	26.96	---	47.81
GMW-1	02/27/06	74.77	---	23.15	---	51.62
GMW-1	05/01/06	74.77	---	23.30	---	51.47
GMW-1	09/18/06	74.77	---	23.70	---	51.07
GMW-1	12/04/06	74.77	---	24.06	---	50.71
GMW-1	03/12/07	74.77	---	24.18	---	50.59
GMW-1	04/30/07	74.77	---	23.21	---	51.56
GMW-1	08/28/07	74.77	---	19.70	---	55.07
GMW-1	11/12/07	74.77	---	23.70	---	51.07
GMW-1	02/19/08	74.77	---	25.20	---	49.57
GMW-1	04/14/08	74.77	---	25.12	---	49.65
GMW-1	10/13/08	74.77	---	25.84	---	48.93
GMW-1	04/20/09	74.77	---	26.18	---	48.59
GMW-1	10/19/09	74.77	---	27.52	---	47.25
GMW-1	05/24/10	74.77	---	26.95	---	47.82
GMW-1	05/28/10	74.77	---	26.91	---	47.86
GMW-1	10/04/10	74.77	---	26.95	---	47.82
GMW-1	01/10/11	74.77	---	28.22	---	46.55
GMW-1	04/11/11	74.77	---	25.98	---	48.79
GMW-1	07/11/11	74.77	---	NM	---	NC
GMW-1	10/10/11	74.77	---	26.15	---	48.62
GMW-1	01/09/12	74.77	---	26.68	---	48.09
GMW-1	04/16/12	74.77	---	28.03	---	46.74
GMW-1	07/09/12	74.77	---	29.14	---	45.63
GMW-1	10/15/12	74.77	---	29.49	---	45.28
GMW-1	01/14/13	74.77	---	29.54	---	45.23

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-1	04/08/13	74.77	---	29.34	---	45.43
GMW-1	10/07/13	74.77	---	30.25	---	44.52
GMW-1	04/14/14	74.77	---	30.42	---	44.35
GMW-1	10/27/14	74.77	---	30.78	---	43.99
GMW-1	04/20/15	74.77	---	31.19	---	43.58
GMW-1	10/19/15	74.77	---	31.89	---	42.88
GMW-1	03/14/16	74.77	---	36.16	---	38.61
GMW-1	04/11/16	74.77	---	34.00	---	40.77
GMW-1	06/29/16	74.77	---	35.12	---	39.65
GMW-1	08/22/16	74.77	---	35.06	---	39.71
GMW-1	10/03/16	74.77	---	35.80	---	38.97
GMW-1	10/03/16	74.77	---	35.80	---	38.97
GMW-1	04/17/17	74.77	---	NM	---	NC
GMW-1	04/16/18	74.77	---	NM	---	NC
GMW-2	05/28/96	73.57	---	26.10	---	47.47
GMW-2	11/20/96	73.57	---	26.77	---	46.80
GMW-2	07/01/97	73.57	---	27.63	---	45.94
GMW-2	12/31/97	73.57	---	26.94	---	46.63
GMW-2	05/01/98	73.57	---	24.02	---	49.55
GMW-2	05/04/99	73.57	---	25.38	---	48.19
GMW-2	08/09/99	73.57	---	25.68	---	47.89
GMW-2	11/15/99	73.57	---	25.49	---	48.08
GMW-2	05/15/00	73.57	---	25.63	---	47.94
GMW-2	11/13/00	73.57	---	26.42	---	47.15
GMW-2	05/07/01	73.57	---	25.65	---	47.92
GMW-2	11/05/01	73.57	---	24.61	---	48.96
GMW-2	04/08/02	73.57	---	25.36	---	48.21
GMW-2	10/21/02	73.57	---	25.91	---	47.66
GMW-2	04/07/03	73.57	---	25.09	---	48.48
GMW-2	10/06/03	73.57	---	25.47	---	48.10
GMW-2	01/11/04	73.57	---	26.76	---	46.81
GMW-2	04/19/04	73.57	---	26.63	---	46.94
GMW-2	05/02/05	73.57	---	21.51	---	52.06
GMW-2	10/31/05	73.57	---	26.42	---	47.15
GMW-2	05/09/06	73.57	---	22.53	---	51.04
GMW-2	12/04/06	73.57	---	23.40	---	50.17
GMW-2	04/30/07	73.57	---	23.61	---	49.96
GMW-2	11/12/07	73.57	---	23.94	---	49.63
GMW-2	04/14/08	73.57	---	24.24	---	49.33
GMW-2	10/13/08	73.57	---	24.95	---	48.62
GMW-2	04/20/09	73.57	---	25.00	---	48.57
GMW-2	10/19/09	73.57	---	26.22	---	47.35
GMW-2	05/24/10	73.57	---	25.80	---	47.77
GMW-2	05/28/10	73.57	---	25.80	---	47.77
GMW-2	10/04/10	73.57	---	25.95	---	47.62
GMW-2	04/11/11	73.57	---	NM	---	NC
GMW-2	10/10/11	73.57	---	25.17	---	48.40
GMW-2	04/16/12	73.57	---	NM	---	NC
GMW-2	07/09/12	73.57	---	NM	---	NC
GMW-2	10/15/12	73.57	---	NM	---	NC
GMW-2	04/08/13	73.57	---	NM	---	NC
GMW-3	11/20/96	75.10	---	27.76	---	47.34
GMW-3	07/01/97	75.10	---	27.02	---	48.08
GMW-3	12/31/97	75.10	---	27.66	---	47.44
GMW-3	05/01/98	75.10	---	34.12	---	40.98

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-3	05/04/99	75.10	---	25.69	---	49.41
GMW-3	08/09/99	75.10	---	26.15	---	48.95
GMW-3	11/15/99	75.10	---	26.54	---	48.56
GMW-3	05/15/00	75.10	---	26.29	---	48.81
GMW-3	11/13/00	75.10	---	26.97	---	48.13
GMW-3	05/07/01	75.10	---	25.10	---	50.00
GMW-3	08/07/01	75.10	---	28.61	---	46.49
GMW-3	11/05/01	75.10	---	25.63	---	49.47
GMW-3	04/08/02	75.10	---	26.26	---	48.84
GMW-3	10/21/02	75.10	---	27.05	---	48.05
GMW-3	01/27/03	75.10	---	26.74	---	48.36
GMW-3	04/07/03	75.10	---	26.26	---	48.84
GMW-3	07/31/03	75.10	---	25.96	---	49.14
GMW-3	10/06/03	75.10	---	26.23	---	48.87
GMW-3	01/11/04	75.10	---	27.56	---	47.54
GMW-3	01/27/04	75.10	---	26.68	---	48.42
GMW-3	04/19/04	75.10	---	26.93	---	48.17
GMW-3	07/19/04	75.10	---	26.92	---	48.18
GMW-3	05/02/05	75.10	---	21.53	---	53.57
GMW-3	10/31/05	75.10	26.11	26.11	0.00	48.99
GMW-3	02/27/06	75.10	---	23.73	---	51.37
GMW-3	05/01/06	75.10	---	23.78	---	51.32
GMW-3	12/04/06	75.10	---	24.73	---	50.37
GMW-3	04/30/07	75.10	---	24.99	---	50.11
GMW-3	11/12/07	75.10	---	25.00	---	50.10
GMW-3	04/14/08	75.10	---	25.52	---	49.58
GMW-3	04/14/08	75.10	---	25.40	---	49.70
GMW-3	10/13/08	75.10	---	26.35	---	48.75
GMW-3	04/20/09	75.10	---	26.26	---	48.84
GMW-3	10/19/09	75.10	---	27.81	---	47.29
GMW-3	05/24/10	75.10	---	27.18	---	47.92
GMW-3	05/28/10	75.10	---	27.11	---	47.99
GMW-3	10/04/10	75.10	---	27.37	---	47.73
GMW-3	04/11/11	75.10	---	26.17	---	48.93
GMW-3	10/10/11	75.10	---	26.68	---	48.42
GMW-3	04/16/12	75.10	---	27.93	---	47.17
GMW-3	07/09/12	75.10	---	NM	---	NC
GMW-3	10/15/12	75.10	---	NM	---	NC
GMW-3	04/08/13	75.10	---	NM	---	NC
GMW-3	06/14/13	75.10	---	29.98	---	45.12
GMW-3	10/07/13	75.10	---	NM	---	NC
GMW-3	04/14/14	75.10	---	30.55	---	44.55
GMW-3	10/27/14	75.10	---	30.90	---	44.20
GMW-3	04/20/15	75.10	---	31.40	---	43.70
GMW-3	10/19/15	75.10	---	32.12	---	42.98
GMW-3	04/11/16	75.10	---	NM	---	NC
GMW-4	05/28/96	75.45	27.34	28.02	0.68	47.97
GMW-4	11/20/96	75.45	28.25	28.32	0.07	47.19
GMW-4	07/01/97	75.45	---	27.76	---	47.69
GMW-4	12/31/97	75.45	---	27.25	---	48.20
GMW-4	05/01/98	75.45	---	24.69	---	50.76
GMW-4	05/04/99	75.45	26.15	26.23	0.08	49.28
GMW-4	08/09/99	75.45	26.65	26.70	0.05	48.79
GMW-4	11/15/99	75.45	---	27.04	---	48.41
GMW-4	05/15/00	75.45	---	27.42	---	48.03

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-4	11/13/00	75.45	27.40	27.46	0.06	48.04
GMW-4	05/07/01	75.45	---	25.72	---	49.73
GMW-4	09/18/01	75.45	25.89	25.92	0.03	49.55
GMW-4	11/05/01	75.45	26.01	26.02	0.01	49.44
GMW-4	04/08/02	75.45	26.70	26.74	0.04	48.74
GMW-4	10/21/02	75.45	27.56	27.59	0.03	47.88
GMW-4	04/07/03	75.45	---	26.84	---	48.61
GMW-4	04/22/03	75.45	---	26.70	---	48.75
GMW-4	10/06/03	75.45	26.68	26.70	0.02	48.77
GMW-4	01/11/04	75.45	---	NM	---	NC
GMW-4	04/19/04	75.45	26.15	26.19	0.04	49.29
GMW-4	05/02/05	75.45	22.30	22.31	0.01	53.15
GMW-4	10/31/05	75.45	18.10	23.84	5.74	56.20
GMW-4	05/01/06	75.45	23.98	24.08	0.10	51.45
GMW-4	12/04/06	75.45	25.08	25.12	0.04	50.36
GMW-4	04/30/07	75.45	---	25.31	---	50.14
GMW-4	11/12/07	75.45	25.64	25.65	0.01	49.81
GMW-4	04/14/08	75.45	---	25.99	---	49.46
GMW-4	04/14/08	75.45	---	26.00	---	49.45
GMW-4	11/21/08	75.45	---	27.00	---	48.45
GMW-4	04/20/09	75.45	---	26.76	---	48.69
GMW-4	10/19/09	75.45	27.81	27.86	0.05	47.63
GMW-4	05/24/10	75.45	---	27.55	---	47.90
GMW-4	05/28/10	75.45	---	27.48	---	47.97
GMW-4	10/04/10	75.45	27.72	27.76	0.04	47.72
GMW-4	04/11/11	75.45	---	26.59	---	48.86
GMW-4	10/10/11	75.45	---	27.11	---	48.34
GMW-4	04/16/12	75.45	28.58	28.68	0.10	46.85
GMW-4	07/09/12	75.45	---	NM	---	NC
GMW-4	04/08/13	75.45	29.95	30.08	0.13	45.47
GMW-4	10/07/13	75.45	30.33	30.43	0.10	45.10
GMW-4	04/14/14	75.45	30.47	31.06	0.59	44.86
GMW-4	10/27/14	75.45	31.32	31.34	0.02	44.13
GMW-5	05/28/96	77.61	---	30.52	---	47.09
GMW-5	11/20/96	77.61	---	31.25	---	46.36
GMW-5	07/01/97	77.61	---	30.95	---	46.66
GMW-5	12/31/97	77.61	---	31.16	---	46.45
GMW-5	05/01/98	77.61	---	28.20	---	49.41
GMW-5	05/25/99	77.61	---	29.01	---	48.60
GMW-5	05/15/00	77.61	---	29.91	---	47.70
GMW-5	11/13/00	77.61	---	29.23	---	48.38
GMW-5	05/07/01	77.61	---	28.82	---	48.79
GMW-5	04/08/02	77.61	---	29.95	---	47.66
GMW-5	10/21/02	77.61	---	30.11	---	47.50
GMW-5	04/07/03	77.61	---	29.68	---	47.93
GMW-5	10/06/03	77.61	---	29.55	---	48.06
GMW-5	04/19/04	77.61	---	30.53	---	47.08
GMW-5	05/02/05	77.61	---	25.73	---	51.88
GMW-5	03/06/06	77.61	---	27.02	---	50.59
GMW-5	05/01/06	77.61	---	27.32	---	50.29
GMW-5	08/26/06	77.61	---	27.67	---	49.94
GMW-5	12/01/06	77.61	---	28.03	---	49.58
GMW-5	03/21/07	77.61	---	27.91	---	49.70
GMW-5	04/27/07	77.61	---	28.50	---	49.11
GMW-5	08/28/07	77.61	---	28.19	---	49.42

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-5	11/12/07	77.61	---	28.98	---	48.63
GMW-5	02/05/08	77.61	---	28.93	---	48.68
GMW-5	04/11/08	77.61	---	28.86	---	48.75
GMW-5	07/24/08	77.61	---	29.41	---	48.20
GMW-5	10/13/08	77.61	---	29.97	---	47.64
GMW-5	02/09/09	77.61	---	29.88	---	47.73
GMW-5	07/16/09	77.61	---	29.93	---	47.68
GMW-5	04/07/10	77.61	---	30.35	---	47.26
GMW-5	10/01/10	77.61	---	30.59	---	47.02
GMW-5	01/06/11	77.61	---	30.70	---	46.91
GMW-5	04/08/11	77.61	---	29.52	---	48.09
GMW-5	07/07/11	77.61	---	29.76	---	47.85
GMW-5	10/06/11	77.61	---	30.16	---	47.45
GMW-5	04/12/12	77.61	---	31.33	---	46.28
GMW-5	01/10/13	77.61	---	32.38	---	45.23
GMW-5	04/02/13	77.61	---	32.34	---	45.27
GMW-5	10/01/13	77.61	---	33.08	---	44.53
GMW-5	04/07/14	77.61	---	33.76	---	43.85
GMW-5	04/14/14	77.61	---	33.62	---	43.99
GMW-5	10/27/14	77.61	---	34.12	---	43.49
GMW-5	04/20/15	77.61	---	34.46	---	43.15
GMW-5	04/11/16	77.61	---	NM	---	NC
GMW-5	10/03/16	77.61	---	NM	---	NC
GMW-5	04/17/17	77.61	---	DRY	---	NC
GMW-5	10/02/17	77.61	---	NM	---	NC
GMW-5	04/16/18	77.61	---	35.42	---	42.19
GMW-6	11/20/96	77.31	---	30.76	---	46.55
GMW-6	07/01/97	77.31	---	30.12	---	47.19
GMW-6	12/31/97	77.31	---	30.52	---	46.79
GMW-6	05/01/98	77.31	---	27.48	---	49.83
GMW-6	05/25/99	77.31	---	28.44	---	48.87
GMW-6	05/15/00	77.31	---	29.34	---	47.97
GMW-6	11/13/00	77.31	---	28.67	---	48.64
GMW-6	05/07/01	77.31	---	28.05	---	49.26
GMW-6	04/08/02	77.31	---	29.35	---	47.96
GMW-6	10/21/02	77.31	---	29.90	---	47.41
GMW-6	04/07/03	77.31	---	29.20	---	48.11
GMW-6	10/06/03	77.31	---	29.04	---	48.27
GMW-6	04/19/04	77.31	---	29.97	---	47.34
GMW-6	11/01/04	77.31	---	29.90	---	47.41
GMW-6	05/02/05	77.31	---	24.97	---	52.34
GMW-6	03/06/06	77.31	---	26.54	---	50.77
GMW-6	05/01/06	77.31	---	26.75	---	50.56
GMW-6	08/26/06	77.31	---	27.12	---	50.19
GMW-6	12/01/06	77.31	---	27.52	---	49.79
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
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-6	10/01/13	77.31	---	32.66	---	44.65
GMW-6	04/07/14	77.31	---	33.33	---	43.98
GMW-6	04/14/14	77.31	---	33.18	---	44.13
GMW-6	10/27/14	77.31	---	33.65	---	43.66
GMW-6	04/20/15	77.31	---	33.95	---	43.36
GMW-6	04/12/16	77.31	---	35.25	---	42.06
GMW-6	10/03/16	77.31	---	35.63	---	41.68
GMW-6	04/17/17	77.31	---	34.91	---	42.40
GMW-6	10/02/17	77.31	---	35.56	---	41.75
GMW-6	04/16/18	77.31	---	36.17	---	41.14
GMW-7	05/28/96	75.84	27.21	32.89	5.68	47.49
GMW-7	07/01/97	75.84	28.30	31.57	3.27	46.89
GMW-7	12/31/97	75.84	28.30	32.10	3.80	46.78
GMW-7	05/01/98	75.84	20.80	25.90	5.10	54.02
GMW-7	05/25/99	75.84	26.18	30.37	4.19	48.82
GMW-7	05/15/00	75.84	---	30.13	---	45.71
GMW-7	11/13/00	75.84	---	29.17	---	46.67
GMW-7	05/07/01	75.84	26.45	27.40	0.95	49.20
GMW-7	04/08/02	75.84	---	28.77	---	47.07
GMW-7	09/19/02	75.84	---	28.73	---	47.11
GMW-7	10/21/02	75.84	---	28.05	---	47.79
GMW-7	04/07/03	75.84	27.77	28.15	0.38	47.99
GMW-7	10/06/03	75.84	27.60	27.78	0.18	48.20
GMW-7	04/19/04	75.84	29.05	29.17	0.12	46.77
GMW-7	11/01/04	75.84	27.76	28.01	0.25	48.03
GMW-7	02/28/05	75.84	---	24.65	---	51.19
GMW-7	05/02/05	75.84	---	23.90	---	51.94
GMW-7	03/06/06	75.84	---	25.40	---	50.44
GMW-7	05/01/06	75.84	---	25.30	---	50.54
GMW-7	08/26/06	75.84	---	25.66	---	50.18
GMW-7	12/01/06	75.84	---	25.98	---	49.86
GMW-7	03/21/07	75.84	---	26.58	---	49.26
GMW-7	04/30/07	75.84	---	26.49	---	49.35
GMW-7	08/28/07	75.84	---	26.92	---	48.92
GMW-7	11/12/07	75.84	---	27.08	---	48.76
GMW-7	02/05/08	75.84	---	27.61	---	48.23
GMW-7	04/14/08	75.84	---	26.70	---	49.14
GMW-7	10/14/08	75.84	27.76	27.79	0.03	48.07
GMW-7	02/10/09	75.84	---	26.23	---	49.61
GMW-7	07/17/09	75.84	---	27.65	---	48.19
GMW-7	04/08/10	75.84	---	28.90	---	46.94

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-7	10/01/10	75.84	---	28.54	---	47.30
GMW-7	01/08/11	75.84	---	28.62	---	47.22
GMW-7	04/12/12	75.84	---	29.28	---	46.56
GMW-7	10/02/13	75.84	31.28	31.41	0.13	44.53
GMW-7	04/07/14	75.84	32.01	32.05	0.04	43.82
GMW-7	04/16/14	75.84	31.88	31.92	0.04	43.95
GMW-7	10/27/14	75.84	32.20	32.22	0.02	43.64
GMW-7	04/20/15	75.84	---	32.59	---	43.25
GMW-7	04/11/16	75.84	---	33.99	---	41.85
GMW-7	10/03/16	75.84	---	34.36	---	41.48
GMW-7	04/19/17	75.84	34.28	34.30	0.02	41.56
GMW-7	10/03/17	76.87	---	35.13	---	41.74
GMW-7	04/16/18	76.87	---	35.92	---	40.95
GMW-8	05/28/96	73.20	---	26.42	---	46.78
GMW-8	11/20/96	73.20	---	26.72	---	46.48
GMW-8	07/01/97	73.20	---	28.07	---	45.13
GMW-8	12/31/97	73.20	---	26.85	---	46.35
GMW-8	05/01/98	73.20	---	24.24	---	48.96
GMW-8	05/04/99	73.20	---	25.51	---	47.69
GMW-8	11/15/99	73.20	---	25.66	---	47.54
GMW-8	05/15/00	73.20	---	26.03	---	47.17
GMW-8	11/13/00	73.20	---	26.45	---	46.75
GMW-8	05/07/01	73.20	---	24.49	---	48.71
GMW-8	11/05/01	73.20	---	24.38	---	48.82
GMW-8	04/08/02	73.20	---	25.49	---	47.71
GMW-8	10/21/02	73.20	---	26.43	---	46.77
GMW-8	04/07/03	73.20	---	24.93	---	48.27
GMW-8	10/06/03	73.20	---	25.72	---	47.48
GMW-8	01/11/04	73.20	---	26.95	---	46.25
GMW-8	04/19/04	73.20	---	27.00	---	46.20
GMW-8	05/02/05	73.20	---	21.74	---	51.46
GMW-8	10/31/05	73.20	---	27.13	---	46.07
GMW-8	05/01/06	73.20	---	22.59	---	50.61
GMW-8	12/04/06	73.20	---	23.34	---	49.86
GMW-8	04/30/07	73.20	---	23.46	---	49.74
GMW-8	11/12/07	73.20	---	23.83	---	49.37
GMW-8	04/14/08	73.20	---	24.29	---	48.91
GMW-8	10/13/08	73.20	---	24.43	---	48.77
GMW-8	04/20/09	73.20	---	24.88	---	48.32
GMW-8	10/19/09	73.20	---	25.69	---	47.51
GMW-8	05/24/10	73.20	---	25.98	---	47.22
GMW-8	05/28/10	73.20	---	25.87	---	47.33
GMW-8	10/04/10	73.20	---	25.80	---	47.40
GMW-8	04/11/11	73.20	---	NM	---	NC
GMW-8	10/10/11	73.20	---	NM	---	NC
GMW-8	04/16/12	73.20	---	NM	---	NC
GMW-8	07/09/12	73.20	---	NM	---	NC
GMW-8	10/15/12	73.20	---	NM	---	NC
GMW-8	04/08/13	73.20	---	NM	---	NC
GMW-8	06/14/13	73.20	---	29.02	---	44.18
GMW-8	10/07/13	73.20	---	NM	---	NC
GMW-8	04/14/14	73.20	---	29.60	---	43.60
GMW-8	10/27/14	73.20	---	29.96	---	43.24
GMW-8	04/20/15	73.20	---	30.43	---	42.77
GMW-8	10/19/15	73.20	---	31.13	---	42.07

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-8	04/11/16	73.20	---	32.20	---	41.00
GMW-8	10/03/16	73.20	---	33.47	---	39.73
GMW-8	10/03/16	73.20	---	33.47	---	39.73
GMW-8	04/17/17	73.20	---	30.74	---	42.46
GMW-8	10/02/17	73.20	---	33.40	---	39.80
GMW-8	04/16/18	73.20	---	33.70	---	39.50
GMW-9	08/07/01	74.44	27.23	27.74	0.51	47.10
GMW-9	10/21/02	74.44	28.95	28.97	0.02	45.49
GMW-9	04/07/03	74.44	29.56	29.59	0.02	44.87
GMW-9	10/06/03	74.44	28.14	28.30	0.16	46.26
GMW-9	01/11/04	74.44	---	NM	---	NC
GMW-9	04/19/04	74.44	---	28.71	---	45.73
GMW-9	05/02/05	74.44	---	24.72	---	49.72
GMW-9	10/31/05	74.44	25.31	25.56	0.25	49.07
GMW-9	05/01/06	74.44	25.65	25.86	0.21	48.74
GMW-9	12/04/06	74.44	27.79	27.88	0.90	47.26
GMW-9	04/30/07	74.44	---	26.71	---	47.73
GMW-9	11/12/07	74.44	27.04	27.32	0.28	47.34
GMW-9	08/08/08	74.44	27.96	28.01	0.05	46.47
GMW-9	10/16/08	74.44	28.35	28.36	0.01	46.09
GMW-9	12/17/08	74.44	---	27.61	---	46.83
GMW-9	01/15/09	74.44	---	28.91	---	45.53
GMW-9	03/27/09	74.44	---	29.04	---	45.40
GMW-9	04/21/09	74.44	---	28.16	---	46.28
GMW-9	07/21/09	74.44	---	28.31	---	46.13
GMW-9	10/19/09	74.44	---	NM	---	NC
GMW-9	05/24/10	74.44	---	30.47	---	43.97
GMW-9	05/28/10	74.44	---	30.35	---	44.09
GMW-9	10/04/10	74.44	---	30.30	---	44.14
GMW-9	01/10/11	74.44	---	32.02	---	42.42
GMW-9	04/11/11	74.44	---	25.41	---	49.03
GMW-9	07/11/11	74.44	---	NM	---	NC
GMW-9	10/10/11	74.44	---	28.91	---	45.53
GMW-9	04/16/12	74.44	---	31.15	---	43.29
GMW-9	07/09/12	---	---	31.64	---	NC
GMW-9	10/15/12	77.16	---	31.82	---	45.34
GMW-9	01/14/13	77.16	---	31.88	---	45.28
GMW-9	04/08/13	77.16	---	31.83	---	45.33
GMW-9	10/07/13	77.16	31.25	35.30	4.05	45.02
GMW-9	04/14/14	77.16	31.65	37.66	6.01	44.19
GMW-9	05/05/14	77.16	31.76	37.81	6.05	44.07
GMW-9	05/12/14	77.16	31.83	37.39	5.56	44.11
GMW-9	05/20/14	77.16	33.85	37.70	3.85	42.46
GMW-9	05/27/14	77.16	28.84	32.41	3.57	47.53
GMW-9	06/04/14	77.16	---	33.20	---	43.96
GMW-9	06/10/14	77.16	32.77	37.51	4.74	43.35
GMW-9	07/03/14	77.16	32.59	39.26	6.67	43.10
GMW-9	07/08/14	77.16	32.45	38.59	6.14	43.36
GMW-9	07/18/14	77.16	32.73	37.15	4.42	43.46
GMW-9	07/24/14	77.16	32.48	37.78	5.30	43.51
GMW-9	08/01/14	77.16	32.30	36.72	4.42	43.89
GMW-9	08/08/14	77.16	32.26	36.55	4.29	43.96
GMW-9	08/13/14	77.16	32.33	36.25	3.92	43.97
GMW-9	08/19/14	77.16	32.38	36.04	3.66	43.97
GMW-9	08/29/14	77.16	32.33	36.23	3.90	43.97

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-9	09/05/14	77.16	32.35	36.26	3.91	43.95
GMW-9	09/11/14	77.16	32.33	36.27	3.94	43.96
GMW-9	09/18/14	77.16	32.37	36.42	4.05	43.90
GMW-9	09/26/14	77.16	32.35	36.39	4.04	43.92
GMW-9	10/01/14	77.16	32.42	36.11	3.69	43.93
GMW-9	10/06/14	77.16	32.42	35.99	3.57	43.95
GMW-9	10/14/14	77.16	32.34	36.24	3.90	43.96
GMW-9	10/23/14	77.16	32.35	36.32	3.97	43.94
GMW-9	10/27/14	77.16	32.42	36.04	3.62	43.94
GMW-9	11/03/14	77.16	32.35	36.40	4.05	43.92
GMW-9	11/10/14	77.16	32.41	36.32	3.91	43.89
GMW-9	11/18/14	77.16	32.43	36.28	3.85	43.88
GMW-9	11/25/14	77.16	32.49	36.21	3.72	43.85
GMW-9	12/03/14	77.16	32.43	36.18	3.75	43.90
GMW-9	12/12/14	77.16	32.74	36.58	3.84	43.58
GMW-9	12/19/14	77.16	32.76	37.05	4.29	43.46
GMW-9	03/06/15	77.16	33.13	39.40	6.27	42.65
GMW-9	04/20/15	77.16	32.99	36.98	3.99	43.29
GMW-9	10/20/15	77.16	34.37	34.61	0.24	42.74
GMW-9	03/14/16	77.16	---	36.10	---	41.06
GMW-9	04/11/16	77.16	---	36.20	---	40.96
GMW-9	06/30/16	77.16	---	31.02	---	46.14
GMW-9	08/22/16	77.16	---	37.27	---	39.89
GMW-9	10/03/16	77.16	---	38.02	---	39.14
GMW-9	10/03/16	77.16	---	38.02	---	39.14
GMW-9	04/20/17	77.16	---	33.32	---	43.84
GMW-9	10/02/17	77.16	---	38.43	---	38.73
GMW-9	04/16/18	77.16	---	37.98	---	39.18
GMW-10	10/21/02	74.67	---	33.71	---	40.96
GMW-10	11/04/02	74.67	26.25	34.00	7.75	46.99
GMW-10	04/07/03	74.67	26.47	26.47	0.23	48.39
GMW-10	10/06/03	72.90	26.51	26.72	0.21	46.35
GMW-10	01/11/04	74.67	---	NM	---	NC
GMW-10	04/19/04	74.67	---	28.42	---	46.25
GMW-10	05/02/05	74.67	21.16	27.53	6.37	52.33
GMW-10	10/31/05	74.67	26.03	26.10	0.07	48.63
GMW-10	05/01/06	74.67	23.65	24.18	0.53	50.92
GMW-10	12/04/06	74.67	24.38	25.55	1.17	50.07
GMW-10	04/30/07	74.67	---	25.90	---	48.77
GMW-10	11/12/07	74.67	25.82	25.02	0.83	50.33
GMW-10	04/14/08	74.67	25.44	25.38	0.06	49.34
GMW-10	10/13/08	74.67	---	24.16	---	50.51
GMW-10	04/20/09	74.67	---	24.46	---	50.21
GMW-10	10/19/09	74.67	---	27.20	---	47.47
GMW-10	05/24/10	74.67	---	26.72	---	47.95
GMW-10	05/28/10	74.67	---	26.70	---	47.97
GMW-10	10/04/10	74.67	---	27.15	---	47.52
GMW-10	04/11/11	74.67	---	25.21	---	49.46
GMW-10	10/10/11	74.67	---	27.75	---	46.92
GMW-10	04/27/12	74.67	---	28.47	---	46.20
GMW-10	07/09/12	74.67	---	NM	---	NC
GMW-10	10/15/12	74.67	29.02	29.15	0.13	45.63
GMW-10	04/08/13	74.67	28.12	33.64	5.52	45.53
GMW-10	09/26/13	73.35	29.25	36.15	6.90	42.82
GMW-10	10/07/13	73.35	29.32	31.85	2.53	43.56

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-10	04/14/14	73.35	29.01	29.43	0.42	44.26
GMW-10	08/19/14	73.35	29.53	29.80	0.27	43.77
GMW-10	08/29/14	73.35	29.25	29.68	0.43	44.02
GMW-10	09/26/14	73.35	29.23	29.98	0.75	43.98
GMW-10	10/01/14	73.35	29.19	29.98	0.79	44.01
GMW-10	10/06/14	73.35	29.16	30.01	0.85	44.03
GMW-10	10/14/14	73.35	29.18	30.01	0.83	44.02
GMW-10	10/23/14	73.35	29.15	30.17	1.02	44.01
GMW-10	10/27/14	73.35	29.12	30.19	1.07	44.03
GMW-10	11/03/14	73.35	29.13	30.25	1.12	44.01
GMW-10	11/10/14	73.35	29.28	29.85	0.57	43.96
GMW-10	11/18/14	73.35	29.28	29.95	0.67	43.95
GMW-10	11/25/14	73.35	29.27	30.00	0.73	43.94
GMW-10	12/03/14	73.35	29.27	30.18	0.91	43.91
GMW-10	12/12/14	73.35	29.45	30.81	1.36	43.65
GMW-10	12/19/14	73.35	30.35	30.51	0.16	42.97
GMW-10	04/20/15	73.35	28.42	34.99	6.57	43.71
GMW-10	07/17/15	73.35	29.41	36.10	6.69	42.70
GMW-10	10/20/15	73.35	31.02	32.96	1.94	41.97
GMW-10	03/16/16	73.35	33.42	34.47	1.05	39.74
GMW-10	04/11/16	73.35	32.10	33.70	1.60	40.95
GMW-10	06/29/16	73.35	---	33.02	---	40.33
GMW-10	08/22/16	73.35	32.93	33.82	0.89	40.26
GMW-10	10/03/16	73.35	33.65	35.10	1.45	39.43
GMW-10	10/03/16	73.35	33.65	35.10	1.45	NC
GMW-10	04/20/17	73.35	---	31.15	---	42.20
GMW-10	10/02/17	73.36	---	33.48	---	39.88
GMW-10	04/16/18	73.35	33.74	33.87	0.13	39.59
GMW-11	05/28/96	72.90	---	25.19	---	47.71
GMW-11	11/20/96	72.90	---	26.35	---	46.55
GMW-11	07/01/97	72.90	---	26.17	---	46.73
GMW-11	12/31/97	72.90	---	26.73	---	46.17
GMW-11	05/01/98	72.90	---	23.37	---	49.53
GMW-11	05/04/99	72.90	---	24.46	---	48.44
GMW-11	11/15/99	72.90	---	25.11	---	47.79
GMW-11	05/15/00	72.90	---	24.96	---	47.94
GMW-11	11/13/00	72.90	---	25.64	---	47.26
GMW-11	05/07/01	72.90	---	23.81	---	49.09
GMW-11	08/07/01	72.90	25.21	27.21	2.00	47.29
GMW-11	11/05/01	72.90	---	23.79	---	49.11
GMW-11	04/08/02	72.90	---	25.62	---	47.28
GMW-11	10/21/02	72.90	---	25.38	---	47.52
GMW-11	04/07/03	72.90	---	24.37	---	48.53
GMW-11	10/06/03	72.90	---	24.67	---	48.23
GMW-11	01/11/04	72.90	---	NM	---	NC
GMW-11	04/19/04	72.90	---	25.16	---	47.74
GMW-11	05/02/05	72.90	---	NM	---	NC
GMW-11	05/02/05	72.90	---	NM	---	NC
GMW-11	10/31/05	72.90	---	23.10	---	49.80
GMW-11	05/01/06	72.90	---	22.26	---	50.64
GMW-11	05/09/06	72.90	---	22.09	---	50.81
GMW-11	12/01/06	72.90	---	23.20	---	49.70
GMW-11	04/30/07	72.90	---	23.32	---	49.58
GMW-11	04/30/07	72.90	---	23.26	---	49.64
GMW-11	11/12/07	72.90	---	NM	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-11	04/14/08	72.90	---	23.75	---	49.15
GMW-11	04/14/08	72.90	---	23.77	---	49.13
GMW-11	10/13/08	72.90	---	24.62	---	48.28
GMW-11	10/14/08	72.90	---	24.82	---	48.08
GMW-11	04/20/09	72.90	---	24.65	---	48.25
GMW-11	10/19/09	72.90	---	25.69	---	47.21
GMW-11	05/24/10	72.90	---	25.45	---	47.45
GMW-11	05/28/10	72.90	---	25.39	---	47.51
GMW-11	10/04/10	72.90	---	25.48	---	47.42
GMW-11	04/11/11	72.90	---	24.14	---	48.76
GMW-11	10/10/11	72.90	---	24.98	---	47.92
GMW-11	04/16/12	72.90	---	26.03	---	46.87
GMW-11	07/09/12	72.90	---	NM	---	NC
GMW-11	10/15/12	72.90	---	27.05	---	45.85
GMW-11	04/08/13	72.90	---	27.92	---	44.98
GMW-11	04/15/16	72.90	---	31.67	---	41.23
GMW-11	04/17/17	72.90	---	30.29	---	42.61
GMW-11	10/02/17	72.90	---	32.89	---	40.01
GMW-11	04/16/18	72.90	---	NM	---	NC
GMW-12	05/28/96	75.21	27.36	28.02	0.66	47.72
GMW-12	11/20/96	75.21	---	28.25	---	46.96
GMW-12	07/01/97	75.21	---	27.65	---	47.56
GMW-12	12/31/97	75.21	---	28.05	---	47.16
GMW-12	05/01/98	75.21	---	25.06	---	50.15
GMW-12	05/25/99	75.21	---	26.17	---	49.04
GMW-12	05/15/00	75.21	---	26.81	---	48.40
GMW-12	11/13/00	75.21	---	27.40	---	47.81
GMW-12	05/07/01	75.21	---	25.65	---	49.56
GMW-12	08/07/01	75.21	25.74	26.15	0.41	49.39
GMW-12	04/08/02	75.21	---	26.89	---	48.32
GMW-12	10/21/02	75.21	---	27.40	---	47.81
GMW-12	04/07/03	75.21	---	26.60	---	48.61
GMW-12	04/07/03	75.21	---	26.60	---	48.61
GMW-12	10/06/03	75.21	---	26.45	---	48.76
GMW-12	04/19/04	75.21	---	27.54	---	47.67
GMW-12	11/01/04	75.21	---	27.76	---	47.45
GMW-12	05/02/05	75.21	---	21.20	---	54.01
GMW-12	05/01/06	75.21	---	24.03	---	51.18
GMW-12	12/04/06	75.21	---	25.03	---	50.18
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
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-12	10/02/13	75.21	---	30.54	---	44.67
GMW-12	04/07/14	75.21	---	31.46	---	43.75
GMW-12	04/16/14	75.21	---	30.96	---	44.25
GMW-12	10/27/14	75.21	---	31.39	---	43.82
GMW-12	04/20/15	75.21	---	31.74	---	43.47
GMW-12	04/11/16	75.21	---	NM	---	NC
GMW-12	10/03/16	75.21	---	34.45	---	40.76
GMW-12	04/20/17	75.21	---	32.40	---	42.81
GMW-12	10/03/17	75.21	---	34.32	---	40.89
GMW-12	04/16/18	75.21	---	34.64	---	40.57
GMW-13	05/28/96	74.17	---	26.91	---	47.26
GMW-13	11/20/96	74.17	---	26.89	---	47.28
GMW-13	07/01/97	74.17	---	25.92	---	48.25
GMW-13	12/31/97	74.17	---	25.58	---	48.59
GMW-13	05/01/98	74.17	---	23.10	---	51.07
GMW-13	05/04/99	74.17	---	24.75	---	49.42
GMW-13	11/15/99	74.17	---	25.65	---	48.52
GMW-13	05/15/00	74.17	---	25.38	---	48.79
GMW-13	11/13/00	74.17	---	26.02	---	48.15
GMW-13	05/07/01	74.17	---	24.28	---	49.89
GMW-13	11/05/01	74.17	---	24.67	---	49.50
GMW-13	02/01/02	74.17	---	24.65	---	49.52
GMW-13	04/08/02	74.17	---	25.40	---	48.77
GMW-13	10/21/02	74.17	---	26.15	---	48.02
GMW-13	04/07/03	74.17	---	25.32	---	48.85
GMW-13	10/06/03	74.17	---	25.13	---	49.04
GMW-13	01/11/04	74.17	---	26.58	---	47.59
GMW-13	04/19/04	74.17	---	26.96	---	47.21
GMW-13	05/02/05	74.17	---	20.54	---	53.63
GMW-13	10/31/05	74.17	---	22.32	---	51.85
GMW-13	05/01/06	74.17	---	22.82	---	51.35
GMW-13	12/04/06	74.17	---	23.75	---	50.42
GMW-13	04/30/07	74.17	---	24.10	---	50.07
GMW-13	11/12/07	74.17	---	24.89	---	49.28
GMW-13	04/14/08	74.17	---	24.60	---	49.57
GMW-13	10/13/08	74.17	---	26.27	---	47.90
GMW-13	04/20/09	74.17	---	25.41	---	48.76
GMW-13	10/19/09	74.17	---	26.45	---	47.72
GMW-13	05/24/10	74.17	---	25.86	---	48.31
GMW-13	05/28/10	74.17	---	25.63	---	48.54
GMW-13	10/04/10	74.17	---	26.41	---	47.76
GMW-13	04/11/11	74.17	---	25.23	---	48.94
GMW-13	10/10/11	74.17	---	25.92	---	48.25
GMW-13	04/16/12	74.17	---	27.09	---	47.08
GMW-13	07/09/12	74.17	---	NM	---	NC
GMW-13	10/15/12	74.17	---	27.89	---	46.28
GMW-13	04/08/13	74.17	---	28.67	---	45.50
GMW-13	10/07/13	74.17	---	29.65	---	44.52
GMW-13	04/14/14	74.17	---	29.66	---	44.51
GMW-13	10/27/14	74.17	---	30.02	---	44.15
GMW-13	04/20/15	74.17	---	30.39	---	43.78
GMW-13	10/19/15	74.17	---	31.16	---	43.01

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-13	04/11/16	74.17	---	32.13	---	42.04
GMW-13	10/03/16	74.17	---	33.20	---	40.97
GMW-13	10/03/16	74.17	---	33.20	---	40.97
GMW-13	04/17/17	74.17	---	30.92	---	43.25
GMW-13	10/02/17	74.17	---	33.86	---	40.31
GMW-13	04/16/18	74.17	---	32.55	---	41.62
GMW-14	05/04/99	74.72	---	25.37	---	49.35
GMW-14	08/09/99	74.72	---	25.95	---	48.77
GMW-14	11/15/99	74.72	---	26.27	---	48.45
GMW-14	05/15/00	74.72	---	26.02	---	48.70
GMW-14	11/13/00	74.72	---	26.67	---	48.05
GMW-14	05/07/01	74.72	---	24.92	---	49.80
GMW-14	11/05/01	74.72	---	25.28	---	49.44
GMW-14	04/08/02	74.72	---	26.00	---	48.72
GMW-14	10/21/02	74.72	---	26.79	---	47.93
GMW-14	04/07/03	74.72	---	25.25	---	49.47
GMW-14	10/06/03	74.72	---	25.91	---	48.81
GMW-14	01/11/04	74.72	---	27.21	---	47.51
GMW-14	04/19/04	74.72	---	28.69	---	46.03
GMW-14	05/02/05	74.72	---	21.29	---	53.43
GMW-14	10/31/05	74.72	---	22.96	---	51.76
GMW-14	05/01/06	74.72	---	23.44	---	51.28
GMW-14	12/04/06	74.72	---	24.39	---	50.33
GMW-14	04/30/07	74.72	---	24.61	---	50.11
GMW-14	11/12/07	74.72	---	24.55	---	50.17
GMW-14	04/14/08	74.72	---	28.15	---	46.57
GMW-14	10/13/08	74.72	---	27.23	---	47.49
GMW-14	04/20/09	74.72	---	25.97	---	48.75
GMW-14	10/19/09	74.72	---	27.31	---	47.41
GMW-14	05/24/10	74.72	---	NM	---	NC
GMW-14	05/28/10	74.72	---	NM	---	NC
GMW-14	10/04/10	74.72	---	26.99	---	47.73
GMW-14	04/11/11	74.72	---	25.88	---	48.84
GMW-14	10/10/11	74.72	---	26.71	---	48.01
GMW-14	04/16/12	74.72	---	27.98	---	46.74
GMW-14	07/09/12	74.72	---	NM	---	NC
GMW-14	10/15/12	74.72	---	28.91	---	45.81
GMW-14	04/08/13	74.72	---	29.20	---	45.52
GMW-14	10/07/13	74.72	---	30.15	---	44.57
GMW-14	04/14/14	74.72	---	30.25	---	44.47
GMW-14	10/27/14	74.72	---	30.63	---	44.09
GMW-14R	04/17/17	78.77	---	35.32	---	43.45
GMW-14R	10/02/17	75.30	---	34.40	---	40.90
GMW-14R	04/16/18	75.30	---	34.74	---	40.56
GMW-15	05/28/96	76.21	28.71	29.16	0.45	47.41
GMW-15	11/20/96	76.21	---	29.70	---	46.51
GMW-15	07/01/97	76.21	---	29.39	---	46.82
GMW-15	12/31/97	76.21	---	29.40	---	46.81
GMW-15	05/01/98	76.21	---	26.71	---	49.50
GMW-15	05/25/99	76.21	---	27.51	---	48.70
GMW-15	11/15/99	76.21	---	NM	---	NC
GMW-15	05/15/00	76.21	---	28.39	---	47.82
GMW-15	05/15/00	76.21	---	22.59	---	53.62
GMW-15	11/13/00	76.21	---	27.75	---	48.46
GMW-15	11/13/00	76.21	---	28.80	---	47.41

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-15	05/07/01	76.21	---	26.60	---	49.61
GMW-15	05/07/01	76.21	---	27.02	---	49.19
GMW-15	04/08/02	76.21	---	28.51	---	47.70
GMW-15	10/21/02	76.21	---	28.49	---	47.72
GMW-15	04/07/03	76.21	---	28.25	---	47.96
GMW-15	10/06/03	76.21	---	28.00	---	48.21
GMW-15	04/19/04	76.21	---	29.23	---	46.98
GMW-15	11/01/04	76.21	---	28.91	---	47.30
GMW-15	05/02/05	76.21	---	23.85	---	52.36
GMW-15	03/06/06	76.21	---	25.42	---	50.79
GMW-15	05/01/06	76.21	---	25.70	---	50.51
GMW-15	08/26/06	76.21	---	26.05	---	50.16
GMW-15	12/01/06	76.21	---	26.45	---	49.76
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
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-15	10/01/13	76.21	---	31.60	---	44.61
GMW-15	04/07/14	76.21	---	32.30	---	43.91
GMW-15	04/15/14	76.21	---	32.02	---	44.19
GMW-15	10/27/14	76.21	---	32.58	---	43.63
GMW-15	04/22/15	76.21	---	32.92	---	43.29
GMW-15	04/11/16	76.21	---	35.19	---	41.02
GMW-15	10/03/16	76.21	---	34.51	---	41.70
GMW-15	04/19/17	76.21	---	33.75	---	42.46
GMW-15	10/02/17	76.21	---	34.45	---	41.76
GMW-15	04/16/18	76.21	---	34.98	---	41.23
GMW-16	05/28/96	77.00	---	29.86	---	47.14
GMW-16	11/20/96	77.00	---	30.60	---	46.40
GMW-16	07/01/97	77.00	---	31.61	---	45.39
GMW-16	12/31/97	77.00	---	30.60	---	46.40
GMW-16	05/01/98	77.00	---	27.73	---	49.27
GMW-16	05/25/99	77.00	---	28.46	---	48.54
GMW-16	05/15/00	77.00	---	29.50	---	47.50
GMW-16	11/13/00	77.00	---	28.67	---	48.33
GMW-16	05/07/01	77.00	---	28.38	---	48.62

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-16	04/08/02	77.00	---	29.42	---	47.58
GMW-16	10/21/02	77.00	---	29.15	---	47.85
GMW-16	04/07/03	77.00	---	29.20	---	47.80
GMW-16	10/06/03	77.00	---	28.92	---	48.08
GMW-16	04/19/04	77.00	---	30.03	---	46.97
GMW-16	11/05/04	77.00	---	29.53	---	47.47
GMW-16	05/02/05	77.00	---	25.05	---	51.95
GMW-16	03/06/06	77.00	---	26.35	---	50.65
GMW-16	05/01/06	77.00	---	26.65	---	50.35
GMW-16	08/26/06	77.00	---	26.98	---	50.02
GMW-16	12/01/06	77.00	---	27.31	---	49.69
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-16	10/02/13	77.00	---	32.35	---	44.65
GMW-16	04/09/14	77.00	---	33.03	---	43.97
GMW-16	04/14/14	77.00	---	32.95	---	44.05
GMW-16	10/27/14	77.00	---	33.43	---	43.57
GMW-16	04/22/15	77.00	---	33.22	---	43.78
GMW-16	04/11/16	77.00	---	NM	---	NC
GMW-16	10/03/16	77.00	---	NM	---	NC
GMW-16	04/17/17	77.00	---	34.15	---	42.85
GMW-16	10/02/17	77.00	---	36.05	---	40.95
GMW-16	04/16/18	77.00	---	36.58	---	40.42
GMW-17	05/28/96	74.66	26.65	30.51	3.86	47.24
GMW-17	11/20/96	74.66	27.27	31.79	4.52	46.49
GMW-17	07/01/97	74.66	27.38	32.71	5.33	46.21
GMW-17	12/31/97	74.66	26.92	32.74	5.82	46.58
GMW-17	05/01/98	74.66	25.04	25.19	0.15	49.59
GMW-17	05/25/99	74.66	---	27.06	---	47.60
GMW-17	05/15/00	74.66	25.13	25.18	0.05	49.52
GMW-17	11/13/00	74.66	---	26.52	---	48.14
GMW-17	05/07/01	74.66	---	25.32	---	49.34
GMW-17	04/08/02	74.66	---	26.70	---	47.96
GMW-17	09/19/02	74.66	27.70	27.89	0.19	46.92
GMW-17	10/21/02	74.66	---	27.67	---	46.99

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-17	04/07/03	74.66	---	26.60	---	48.06
GMW-17	10/06/03	74.66	---	26.60	---	48.06
GMW-17	04/19/04	74.66	---	25.58	---	49.08
GMW-17	11/01/04	74.66	---	27.51	---	47.15
GMW-17	02/28/05	74.66	---	22.85	---	51.81
GMW-17	05/02/05	74.66	---	21.23	---	53.43
GMW-17	03/06/06	74.66	---	23.76	---	50.90
GMW-17	05/01/06	74.66	---	23.75	---	50.91
GMW-17	08/26/06	74.66	---	24.36	---	50.30
GMW-17	12/01/06	74.66	---	24.86	---	49.80
GMW-17	03/21/07	74.66	---	25.04	---	49.62
GMW-17	04/30/07	74.66	---	25.23	---	49.43
GMW-17	08/28/07	74.66	---	25.42	---	49.24
GMW-17	11/12/07	74.66	---	25.63	---	49.03
GMW-17	02/05/08	74.66	---	26.25	---	48.41
GMW-17	04/11/08	74.66	---	25.10	---	49.56
GMW-17	07/24/08	74.66	---	25.91	---	48.75
GMW-17	10/14/08	74.66	---	26.35	---	48.31
GMW-17	02/10/09	74.66	---	27.05	---	47.61
GMW-17	04/20/09	74.66	---	26.00	---	48.66
GMW-17	07/16/09	74.66	---	27.15	---	47.51
GMW-17	10/19/09	74.66	---	27.51	---	47.15
GMW-17	04/08/10	74.66	---	25.92	---	48.74
GMW-17	04/12/10	74.66	---	25.83	---	48.83
GMW-17	01/08/11	74.66	---	NM	---	NC
GMW-17	04/08/11	74.66	---	24.04	---	50.62
GMW-17	07/08/11	74.66	---	25.50	---	49.16
GMW-17	10/06/11	74.66	---	26.20	---	48.46
GMW-17	04/12/12	74.66	---	27.94	---	46.72
GMW-17	04/20/12	74.66	---	27.77	---	46.89
GMW-17	01/11/13	74.66	---	29.50	---	45.16
GMW-17	04/03/13	74.66	---	29.38	---	45.28
GMW-17	04/08/13	74.66	---	29.34	---	45.32
GMW-17	10/02/13	74.66	---	30.11	---	44.55
GMW-17	04/09/14	74.66	---	30.83	---	43.83
GMW-17	04/17/14	74.66	---	30.72	---	43.94
GMW-17	10/27/14	74.66	---	31.03	---	43.63
GMW-17R	10/03/17	77.79	---	36.77	---	41.02
GMW-17R	04/16/18	77.79	---	37.08	---	40.71
GMW-18	11/20/96	75.36	28.40	32.50	4.10	46.14
GMW-18	07/01/97	75.36	27.70	31.50	3.80	46.90
GMW-18	12/31/97	75.36	28.01	32.08	4.07	46.54
GMW-18	05/01/98	75.36	18.61	24.64	6.03	55.54
GMW-18	05/25/99	75.36	25.77	29.48	3.71	48.85
GMW-18	05/15/00	75.36	26.28	30.35	4.07	48.27
GMW-18	11/18/00	75.36	---	28.77	---	46.59
GMW-18	05/07/01	75.36	24.80	29.70	4.90	49.58
GMW-18	04/08/02	75.36	---	27.74	---	47.62
GMW-18	09/19/02	75.36	27.97	28.02	0.05	47.38
GMW-18	10/21/02	75.36	---	28.74	---	46.62
GMW-18	04/07/03	75.36	---	27.06	---	48.30
GMW-18	10/06/03	75.36	26.66	27.40	0.74	48.55
GMW-18	04/19/04	75.36	---	27.33	---	48.03
GMW-18	11/01/04	75.36	27.27	27.44	0.17	48.06
GMW-18	02/28/05	75.36	23.85	23.87	0.02	51.51

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-18	05/02/05	75.36	---	22.40	---	52.96
GMW-18	03/06/06	75.36	---	24.21	---	51.15
GMW-18	05/01/06	75.36	---	24.50	---	50.86
GMW-18	08/26/06	75.36	---	24.91	---	50.45
GMW-18	12/01/06	75.36	---	25.20	---	50.16
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	45.57
GMW-18	04/08/13	75.36	29.64	30.21	0.57	45.61
GMW-18	10/02/13	75.36	30.24	32.17	1.93	44.73
GMW-18	04/07/14	75.36	30.95	33.15	2.20	43.97
GMW-18	04/16/14	75.36	30.92	33.08	2.16	44.01
GMW-18	10/27/14	75.36	---	31.13	---	44.23
GMW-18	04/20/15	75.36	---	31.47	---	43.89
GMW-18	04/11/16	75.36	---	NM	---	NC
GMW-18	10/03/16	75.36	33.27	35.34	2.07	NC
GMW-18	04/20/17	75.36	---	32.81	---	42.55
GMW-18	09/26/17	75.36	32.99	34.15	1.16	NC
GMW-18	04/16/18	75.36	34.13	34.92	0.79	NC
GMW-19	05/28/96	76.83	---	30.39	---	46.44
GMW-19	11/20/96	76.83	---	30.39	---	46.44
GMW-19	07/01/97	76.83	---	29.82	---	47.01
GMW-19	12/31/97	76.83	---	30.08	---	46.75
GMW-19	05/01/98	76.83	---	26.97	---	49.86
GMW-19	05/25/99	76.83	---	28.00	---	48.83
GMW-19	05/15/00	76.83	---	28.85	---	47.98
GMW-19	11/13/00	76.83	---	28.21	---	48.62
GMW-19	05/07/01	76.83	---	27.44	---	49.39
GMW-19	04/08/02	76.83	---	29.08	---	47.75
GMW-19	09/19/02	76.83	---	28.63	---	48.20
GMW-19	10/21/02	76.83	---	29.22	---	47.61
GMW-19	04/07/03	76.83	---	28.58	---	48.25
GMW-19	10/06/03	76.83	---	28.45	---	48.38
GMW-19	04/19/04	76.83	---	29.44	---	47.39
GMW-19	11/01/04	76.83	---	27.92	---	48.91
GMW-19	02/28/05	76.83	---	25.69	---	51.14
GMW-19	05/02/05	76.83	---	24.47	---	52.36
GMW-19	03/06/06	76.83	---	26.32	---	50.51
GMW-19	05/01/06	76.83	---	26.24	---	50.59
GMW-19	08/26/06	76.83	---	26.64	---	50.19

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-19	12/01/06	76.83	---	26.92	---	49.91
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
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-19	10/02/13	76.83	---	32.29	---	44.54
GMW-19	04/07/14	76.83	---	33.00	---	43.83
GMW-19	04/14/14	76.83	---	32.79	---	44.04
GMW-19	10/27/14	76.83	---	33.20	---	43.63
GMW-19	04/20/15	76.83	---	33.53	---	43.30
GMW-19	04/11/16	76.83	---	NM	---	NC
GMW-19	10/03/16	76.83	---	NM	---	NC
GMW-19	04/21/17	76.83	---	34.18	---	42.65
GMW-19	10/03/17	76.83	---	35.17	---	41.66
GMW-19	04/16/18	76.83	---	35.77	---	41.06
GMW-20	05/28/96	75.10	---	27.65	---	47.45
GMW-20	11/20/96	75.10	---	28.53	---	46.57
GMW-20	07/01/97	75.10	---	28.26	---	46.84
GMW-20	12/31/97	75.10	---	28.23	---	46.87
GMW-20	05/01/98	75.10	---	25.50	---	49.60
GMW-20	05/25/99	75.10	---	26.25	---	48.85
GMW-20	05/15/00	75.10	---	26.95	---	48.15
GMW-20	11/13/00	75.10	---	27.56	---	47.54
GMW-20	05/07/01	75.10	---	25.75	---	49.35
GMW-20	08/07/01	75.10	25.55	26.67	1.12	49.33
GMW-20	04/08/02	75.10	---	26.77	---	48.33
GMW-20	10/21/02	75.10	---	27.16	---	47.94
GMW-20	04/07/03	75.10	---	26.62	---	48.48
GMW-20	10/06/03	75.10	---	26.62	---	48.48
GMW-20	04/19/04	75.10	---	27.88	---	47.22
GMW-20	11/01/04	75.10	---	27.79	---	47.31
GMW-20	05/02/05	75.10	---	22.20	---	52.90
GMW-20	05/01/06	75.10	---	24.28	---	50.82
GMW-20	12/01/06	75.10	---	25.17	---	49.93
GMW-20	04/30/07	75.10	---	25.63	---	49.47
GMW-20	11/12/07	75.10	---	26.08	---	49.02
GMW-20	04/14/08	75.10	---	25.74	---	49.36

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-20	10/14/08	75.10	---	26.89	---	48.21
GMW-20	10/01/10	75.10	---	27.64	---	47.46
GMW-20	01/08/11	75.10	---	27.81	---	47.29
GMW-20	04/12/12	75.10	---	28.41	---	46.69
GMW-20	10/02/13	75.10	---	30.54	---	44.56
GMW-20	04/09/14	75.10	---	31.18	---	43.92
GMW-20	10/27/14	75.10	---	31.43	---	43.67
GMW-20	04/20/15	75.10	---	31.79	---	43.31
GMW-20	04/11/16	75.10	---	33.52	---	41.58
GMW-20	10/03/16	75.10	---	34.19	---	40.91
GMW-20	04/18/17	75.10	---	32.42	---	42.68
GMW-20	10/03/17	75.10	---	34.20	---	40.90
GMW-20	04/16/18	75.10	---	34.60	---	40.50
GMW-21	05/28/96	76.23	27.89	33.21	5.32	47.28
GMW-21	11/20/96	76.23	28.95	33.05	4.10	46.46
GMW-21	07/01/97	76.23	29.13	30.13	1.00	46.90
GMW-21	04/08/02	76.23	---	28.84	---	47.39
GMW-21	10/06/03	76.23	27.90	28.17	0.27	48.28
GMW-21	04/19/04	76.23	29.14	29.57	0.43	47.00
GMW-21	11/01/04	76.23	28.68	28.91	0.23	47.50
GMW-21	05/02/05	76.23	23.79	24.56	0.77	52.29
GMW-21	05/01/06	76.23	25.21	26.99	1.78	50.66
GMW-21	08/26/06	76.23	25.54	25.79	0.25	50.64
GMW-21	12/01/06	76.23	25.99	27.83	1.84	49.87
GMW-21	04/27/07	76.23	---	26.41	---	49.82
GMW-21	11/09/07	76.23	27.34	27.37	0.03	48.88
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	45.51
GMW-21	04/02/13	76.23	30.66	30.73	0.07	45.56
GMW-21	04/08/13	76.23	30.56	31.05	0.49	45.57
GMW-21	10/01/13	76.23	31.32	32.00	0.68	44.77
GMW-21	04/07/14	76.23	32.21	32.26	0.05	44.01
GMW-21	04/14/14	76.23	32.22	32.29	0.07	44.00
GMW-21	10/27/14	76.23	---	32.52	---	43.71
GMW-21	04/20/15	76.23	---	32.82	---	43.41
GMW-21	04/11/16	76.23	---	33.96	---	42.27
GMW-21	10/03/16	76.23	---	34.38	---	41.85
GMW-21	04/19/17	76.23	---	33.64	---	42.59
GMW-21	10/02/17	76.23	32.52	33.02	0.50	NC
GMW-21	04/16/18	76.23	---	35.12	---	41.11
GMW-22	05/28/96	74.17	29.75	34.31	4.56	43.58
GMW-22	11/20/96	74.17	29.78	33.02	3.24	43.79
GMW-22	07/01/97	74.17	30.91	34.32	3.41	42.63
GMW-22	12/31/97	74.17	29.98	33.75	3.77	43.49
GMW-22	05/01/98	74.17	19.13	26.55	7.42	53.67

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-22	08/09/99	74.17	---	NM	---	NC
GMW-22	11/15/99	74.17	---	NM	---	NC
GMW-22	05/15/00	74.17	26.45	30.67	4.22	46.94
GMW-22	11/13/00	74.17	28.67	31.82	3.15	44.92
GMW-22	05/07/01	74.17	27.88	32.30	4.42	45.47
GMW-22	08/07/01	74.17	25.78	29.76	3.98	47.65
GMW-22	11/05/01	74.17	25.95	31.05	5.10	47.28
GMW-22	04/08/02	74.17	26.55	26.59	0.04	47.61
GMW-22	04/07/03	74.17	---	NM	---	NC
GMW-22	05/02/05	74.17	23.09	26.46	3.37	50.46
GMW-22	10/31/05	74.17	---	27.80	---	46.37
GMW-22	05/01/06	74.17	24.70	24.94	0.24	49.43
GMW-22	12/04/06	74.17	---	25.43	---	48.74
GMW-22	04/30/07	74.17	---	25.79	---	48.38
GMW-22	11/12/07	74.17	25.91	26.45	0.54	48.16
GMW-22	08/12/08	74.17	---	26.70	---	47.47
GMW-22	10/31/08	74.17	27.04	28.25	1.21	46.91
GMW-22	11/04/08	74.17	---	26.97	---	47.20
GMW-22	12/17/08	74.17	---	26.65	---	47.52
GMW-22	01/15/09	74.17	---	27.18	---	46.99
GMW-22	03/27/09	74.17	---	27.86	---	46.31
GMW-22	04/21/09	74.17	27.20	27.30	0.10	46.95
GMW-22	07/21/09	74.17	---	27.70	---	46.47
GMW-22	10/19/09	74.17	---	NM	---	NC
GMW-22	11/06/09	74.17	---	28.12	---	46.05
GMW-22	09/03/10	74.17	25.10	28.36	3.26	48.47
GMW-22	10/04/10	74.17	---	27.65	---	46.52
GMW-22	04/11/11	74.17	---	26.45	---	47.72
GMW-22	10/10/11	74.17	---	29.68	---	44.49
GMW-22	04/16/12	74.17	---	31.15	---	43.02
GMW-22	07/09/12	---	---	NM	---	NC
GMW-22	10/15/12	77.24	---	31.05	---	46.19
GMW-22	04/08/13	77.24	---	31.92	---	45.32
GMW-22	10/07/13	77.24	31.65	34.28	2.63	45.10
GMW-22	04/14/14	77.24	32.30	35.59	3.29	44.33
GMW-22	05/06/14	77.24	32.35	35.87	3.52	44.24
GMW-22	05/12/14	77.24	32.28	35.76	3.48	44.32
GMW-22	05/20/14	77.24	32.70	37.90	5.20	43.58
GMW-22	05/27/14	77.24	32.71	36.34	3.63	43.86
GMW-22	06/04/14	77.24	---	33.36	---	43.88
GMW-22	06/10/14	77.24	32.82	36.74	3.92	43.69
GMW-22	07/03/14	77.24	32.91	37.66	4.75	43.45
GMW-22	07/08/14	77.24	32.79	36.70	3.91	43.73
GMW-22	07/18/14	77.24	32.77	36.68	3.91	43.75
GMW-22	07/24/14	77.24	32.62	36.79	4.17	43.85
GMW-22	08/01/14	77.24	32.44	35.82	3.38	44.17
GMW-22	08/08/14	77.24	32.44	35.72	3.28	44.19
GMW-22	08/13/14	77.24	32.45	35.68	3.23	44.19
GMW-22	08/19/14	77.24	32.45	35.64	3.19	44.20
GMW-22	08/29/14	77.24	32.44	35.65	3.21	44.21
GMW-22	09/05/14	77.24	32.46	35.73	3.27	44.18
GMW-22	09/11/14	77.24	32.47	35.78	3.31	44.16
GMW-22	09/18/14	77.24	32.49	35.85	3.36	44.13
GMW-22	09/26/14	77.24	32.46	35.85	3.39	44.15
GMW-22	10/01/14	77.24	32.45	35.76	3.31	44.18

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-22	10/06/14	77.24	32.44	35.72	3.28	44.19
GMW-22	10/14/14	77.24	32.42	35.75	3.33	44.20
GMW-22	10/23/14	77.24	32.43	35.84	3.41	44.18
GMW-22	10/27/14	77.24	32.41	35.74	3.33	44.21
GMW-22	11/03/14	77.24	32.45	35.89	3.44	44.15
GMW-22	11/10/14	77.24	32.45	35.94	3.49	44.14
GMW-22	11/18/14	77.24	32.48	35.97	3.49	44.11
GMW-22	11/25/14	77.24	32.51	35.97	3.46	44.09
GMW-22	12/03/14	77.24	32.45	35.84	3.39	44.16
GMW-22	12/12/14	77.24	32.65	36.44	3.79	43.89
GMW-22	12/19/14	77.24	34.71	36.80	2.09	42.14
GMW-22	04/20/15	77.24	32.84	36.64	3.80	43.70
GMW-22	07/24/15	77.24	33.70	39.80	6.10	42.41
GMW-22	10/20/15	77.24	34.92	36.10	1.18	42.10
GMW-22	03/16/16	77.24	37.61	39.73	2.12	39.24
GMW-22	04/11/16	77.24	35.50	38.59	3.09	41.17
GMW-22	06/30/16	77.24	---	36.55	---	40.69
GMW-22	08/22/16	77.24	---	NM	---	NC
GMW-22	10/03/16	77.24	---	37.70	---	39.54
GMW-22	10/03/16	77.24	---	37.70	---	39.54
GMW-22	04/17/17	77.24	---	34.47	---	42.77
GMW-22	10/02/17	77.24	---	38.45	---	38.79
GMW-22	04/16/18	77.24	---	38.23	---	39.01
GMW-23	05/28/96	74.85	27.12	28.07	0.95	47.54
GMW-23	11/20/96	74.85	26.66	28.42	1.76	47.84
GMW-23	07/01/97	74.85	28.99	30.34	1.35	45.59
GMW-23	12/31/97	74.85	28.04	28.92	0.88	46.63
GMW-23	05/01/98	74.85	25.43	25.44	0.01	49.42
GMW-23	05/04/99	74.85	26.65	27.09	0.44	48.11
GMW-23	08/09/99	74.85	26.39	28.52	2.13	48.03
GMW-23	11/15/99	74.85	26.79	29.60	2.81	47.50
GMW-23	05/15/00	74.85	26.90	29.87	2.97	47.36
GMW-23	11/13/00	74.85	27.00	31.18	4.18	47.01
GMW-23	05/07/01	74.85	28.62	28.63	0.01	46.23
GMW-23	08/07/01	74.85	25.54	26.07	0.53	49.20
GMW-23	11/05/01	74.85	25.85	26.32	0.47	48.91
GMW-23	04/08/02	74.85	26.40	26.81	0.41	48.37
GMW-23	10/21/02	74.85	28.07	28.94	0.87	46.61
GMW-23	04/07/03	74.85	26.67	26.70	0.03	48.17
GMW-23	10/06/03	74.85	26.35	27.32	0.03	47.55
GMW-23	01/11/04	74.85	---	NM	---	NC
GMW-23	04/19/04	74.85	26.94	26.95	0.01	47.91
GMW-23	05/02/05	74.85	---	23.34	---	51.51
GMW-23	10/31/05	74.85	26.08	26.13	0.05	48.76
GMW-23	05/01/06	74.85	---	23.99	---	50.86
GMW-23	12/04/06	74.85	---	24.82	---	50.03
GMW-23	04/30/07	74.85	---	24.98	---	49.87
GMW-23	11/12/07	74.85	---	25.41	---	49.44
GMW-23	04/14/08	74.85	---	25.62	---	49.23
GMW-23	10/13/08	74.85	---	26.21	---	48.64
GMW-23	04/20/09	74.85	---	26.29	---	48.56
GMW-23	10/19/09	74.85	---	27.51	---	47.34
GMW-23	05/24/10	74.85	---	27.32	---	47.53
GMW-23	05/28/10	74.85	---	27.27	---	47.58
GMW-23	10/04/10	74.85	---	27.31	---	47.54

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-23	04/11/11	74.85	---	26.40	---	48.45
GMW-23	10/10/11	74.85	---	26.57	---	48.28
GMW-23	04/16/12	74.85	---	28.73	---	46.12
GMW-23	07/09/12	74.85	---	NM	---	NC
GMW-23	10/15/12	74.85	---	28.45	---	46.40
GMW-23	04/08/13	74.85	---	29.31	---	45.54
GMW-23	10/07/13	74.85	---	30.27	---	44.58
GMW-23	04/14/14	74.85	---	30.23	---	44.62
GMW-23	10/27/14	74.85	---	31.08	---	43.77
GMW-23	04/20/15	74.85	---	31.94	---	42.91
GMW-23	10/19/15	74.85	31.84	32.80	0.96	42.82
GMW-23	03/14/16	74.85	---	36.35	---	38.50
GMW-23	04/11/16	74.85	34.10	34.12	0.02	40.75
GMW-23	06/29/16	74.85	---	35.25	---	39.60
GMW-23	08/22/16	74.85	---	35.58	---	39.27
GMW-23	10/03/16	74.85	---	36.15	---	38.70
GMW-23	10/03/16	74.85	---	36.15	---	38.70
GMW-23	04/17/17	74.85	31.91	33.40	1.49	42.64
GMW-23	10/02/17	74.85	---	35.42	---	39.43
GMW-23	04/16/18	74.85	35.54	35.57	0.03	39.30
GMW-24	08/07/01	74.04	27.80	28.68	0.88	46.06
GMW-24	05/02/05	74.04	25.49	25.70	0.21	48.51
GMW-24	10/31/05	74.04	26.29	26.34	0.05	47.74
GMW-24	05/01/06	74.04	26.07	27.29	1.22	47.73
GMW-24	12/04/06	74.04	26.73	27.26	0.53	47.20
GMW-24	04/30/07	74.04	---	27.07	---	46.97
GMW-24	11/12/07	74.04	27.46	27.50	0.04	46.57
GMW-24	08/12/08	74.04	---	NM	---	NC
GMW-24	08/19/08	74.04	28.24	29.34	1.10	45.58
GMW-24	10/17/08	74.04	29.90	30.88	0.98	43.94
GMW-24	10/21/08	74.04	28.30	29.64	1.34	45.47
GMW-24	12/18/08	74.04	---	29.04	---	45.00
GMW-24	01/15/09	74.04	29.80	30.56	0.76	44.09
GMW-24	03/20/09	74.04	---	31.28	---	42.76
GMW-24	03/27/09	74.04	---	30.45	---	43.59
GMW-24	04/21/09	74.04	---	29.91	---	44.13
GMW-24	07/21/09	74.04	---	32.78	---	41.26
GMW-24	10/19/09	74.04	---	NM	---	NC
GMW-24	02/04/10	74.04	29.40	29.67	0.27	44.59
GMW-24	06/22/10	74.04	---	29.47	---	44.57
GMW-24	09/03/10	74.04	---	29.90	---	44.14
GMW-24	10/04/10	74.04	---	29.50	---	44.54
GMW-24	04/11/11	74.04	---	28.21	---	45.83
GMW-24	10/10/11	74.04	---	28.78	---	45.26
GMW-24	04/16/12	74.04	30.31	30.49	0.18	43.69
GMW-24	07/09/12	---	---	NM	---	NC
GMW-24	10/15/12	77.48	---	31.34	---	46.14
GMW-24	04/08/13	77.48	---	NM	---	NC
GMW-24	06/14/13	77.48	32.40	33.35	0.95	44.89
GMW-24	10/07/13	77.48	31.61	35.42	3.81	45.11
GMW-24	04/14/14	77.48	32.01	37.74	5.73	44.32
GMW-24	05/05/14	77.48	32.09	37.81	5.72	44.25
GMW-24	05/12/14	77.48	32.14	37.52	5.38	44.26
GMW-24	05/20/14	77.48	32.21	37.39	5.18	44.23
GMW-24	05/27/14	77.48	32.90	37.95	5.05	43.57

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-24	06/04/14	77.48	32.70	37.00	4.30	43.92
GMW-24	06/10/14	77.48	32.98	37.85	4.87	43.53
GMW-24	07/03/14	77.48	33.04	39.60	6.56	43.13
GMW-24	07/08/14	77.48	32.89	38.67	5.78	43.43
GMW-24	07/18/14	77.48	32.86	38.64	5.78	43.46
GMW-24	07/24/14	77.48	32.82	38.27	5.45	43.57
GMW-24	08/01/14	77.48	32.55	37.00	4.45	44.04
GMW-24	08/08/14	77.48	32.51	36.97	4.46	44.08
GMW-24	08/13/14	77.48	32.54	36.82	4.28	44.08
GMW-24	08/19/14	77.48	32.55	36.92	4.37	44.06
GMW-24	08/29/14	77.48	32.51	36.92	4.41	44.09
GMW-24	09/05/14	77.48	32.55	36.97	4.42	44.05
GMW-24	09/11/14	77.48	32.57	37.99	5.42	43.83
GMW-24	09/18/14	77.48	32.60	36.89	4.29	44.02
GMW-24	09/26/14	77.48	32.58	36.86	4.28	44.04
GMW-24	10/01/14	77.48	32.61	36.64	4.03	44.06
GMW-24	10/06/14	77.48	32.92	36.93	4.01	43.76
GMW-24	10/14/14	77.48	32.88	36.92	4.04	43.79
GMW-24	10/23/14	77.48	32.90	37.00	4.10	43.76
GMW-24	10/27/14	77.48	32.91	36.82	3.91	43.79
GMW-24	11/03/14	77.48	32.99	37.01	4.02	43.69
GMW-24	11/10/14	77.48	33.95	37.33	3.38	42.85
GMW-24	11/18/14	77.48	33.01	36.96	3.95	43.68
GMW-24	11/25/14	77.48	33.55	36.91	3.36	43.26
GMW-24	12/03/14	77.48	32.99	36.87	3.88	43.71
GMW-24	12/12/14	77.48	33.25	37.36	4.11	43.41
GMW-24	12/19/14	77.48	33.31	37.75	4.44	43.28
GMW-24	03/10/15	77.48	---	36.25	---	41.23
GMW-24	04/20/15	77.48	33.82	36.29	2.47	43.17
GMW-24	07/24/15	77.48	33.70	39.80	6.10	42.56
GMW-24	10/20/15	77.48	---	35.44	---	42.04
GMW-24	03/16/16	77.48	---	38.83	---	38.65
GMW-24	04/11/16	77.48	---	37.10	---	40.38
GMW-24	06/29/16	77.48	---	38.20	---	39.28
GMW-24	08/22/16	77.48	---	38.40	---	39.08
GMW-24	10/03/16	77.48	---	39.31	---	38.17
GMW-24	10/03/16	77.48	---	39.31	---	38.17
GMW-24	04/17/17	77.48	35.09	35.64	0.55	42.28
GMW-24	10/02/17	77.48	---	39.33	---	38.15
GMW-24	04/16/18	77.48	---	38.98	---	38.50
GMW-25	05/28/96	74.29	27.88	32.71	4.83	45.30
GMW-25	11/20/96	74.29	27.75	31.91	4.16	45.58
GMW-25	07/01/97	74.29	28.37	34.58	6.21	44.49
GMW-25	12/31/97	74.29	27.86	33.59	5.73	45.11
GMW-25	05/01/98	74.29	16.76	24.44	7.68	55.76
GMW-25	05/04/99	74.29	26.58	30.40	3.82	46.83
GMW-25	08/09/99	74.29	26.73	29.99	3.26	46.81
GMW-25	11/15/99	74.29	27.75	28.95	1.20	46.26
GMW-25	05/15/00	74.29	27.39	28.17	0.78	46.72
GMW-25	11/13/00	74.29	27.97	29.52	1.55	45.96
GMW-25	05/07/01	74.29	26.27	28.62	2.35	47.48
GMW-25	08/07/01	74.29	25.73	28.14	2.41	48.01
GMW-25	11/05/01	74.29	26.07	28.40	2.33	47.68
GMW-25	04/08/02	74.29	27.00	27.07	0.07	47.27
GMW-25	10/21/02	74.29	29.41	29.45	0.04	44.87

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-25	04/07/03	74.29	---	NM	---	NC
GMW-25	05/02/05	74.29	---	24.78	---	49.51
GMW-25	10/31/05	74.29	25.41	25.47	0.06	48.87
GMW-25	05/01/06	74.29	---	25.87	---	48.42
GMW-25	12/04/06	74.29	---	26.65	---	47.64
GMW-25	04/30/07	74.29	---	26.60	---	47.69
GMW-25	11/12/07	74.29	27.25	27.30	0.05	47.03
GMW-25	08/12/08	74.29	---	27.81	---	46.48
GMW-25	10/17/08	74.29	---	28.26	---	46.03
GMW-25	12/18/08	74.29	---	29.01	---	45.28
GMW-25	01/15/09	74.29	---	28.62	---	45.67
GMW-25	03/24/09	74.29	---	28.79	---	45.50
GMW-25	04/21/09	74.29	---	28.35	---	45.94
GMW-25	07/21/09	74.29	---	29.80	---	44.49
GMW-25	10/19/09	74.29	---	30.28	---	44.01
GMW-25	06/22/10	74.29	---	31.64	---	42.65
GMW-25	10/04/10	74.29	---	29.25	---	45.04
GMW-25	04/11/11	74.29	---	26.21	---	48.08
GMW-25	10/10/11	74.29	---	30.02	---	44.27
GMW-25	04/16/12	74.29	---	31.30	---	42.99
GMW-25	07/09/12	---	---	NM	---	NC
GMW-25	10/15/12	78.14	---	31.88	---	46.26
GMW-25	04/08/13	78.14	---	32.11	---	46.03
GMW-25	10/07/13	78.14	33.10	33.23	0.13	45.01
GMW-25	04/14/14	78.14	33.00	37.40	4.40	44.13
GMW-25	05/05/14	78.14	33.06	37.51	4.45	44.06
GMW-25	05/12/14	78.14	33.73	34.97	1.24	44.12
GMW-25	05/20/14	78.14	34.30	36.75	2.45	43.28
GMW-25	05/27/14	78.14	34.44	34.64	0.20	43.65
GMW-25	06/04/14	78.14	---	35.00	---	43.14
GMW-25	06/10/14	78.14	34.18	36.67	2.49	43.39
GMW-25	07/03/14	78.14	---	34.21	---	43.93
GMW-25	07/24/14	78.14	---	34.29	---	43.85
GMW-25	08/01/14	78.14	33.99	35.02	1.03	43.91
GMW-25	08/08/14	78.14	34.06	34.54	0.48	43.97
GMW-25	08/14/14	78.14	34.06	34.48	0.42	43.98
GMW-25	08/19/14	78.14	34.07	34.51	0.44	43.97
GMW-25	08/29/14	78.14	33.96	34.65	0.69	44.02
GMW-25	09/18/14	78.14	34.01	35.21	1.20	43.85
GMW-25	09/26/14	78.14	34.06	34.87	0.81	43.89
GMW-25	10/01/14	78.14	33.98	34.92	0.94	43.94
GMW-25	10/06/14	78.14	33.99	34.93	0.94	43.93
GMW-25	10/14/14	78.14	33.91	35.10	1.19	43.96
GMW-25	10/23/14	78.14	33.91	35.34	1.43	43.90
GMW-25	10/27/14	78.14	33.95	34.78	0.83	44.00
GMW-25	11/03/14	78.14	33.98	34.92	0.94	43.94
GMW-25	11/10/14	78.14	34.02	35.12	1.10	43.87
GMW-25	11/18/14	78.14	34.11	34.90	0.79	43.85
GMW-25	11/25/14	78.14	34.07	35.07	1.00	43.84
GMW-25	12/03/14	78.14	33.98	35.10	1.12	43.90
GMW-25	12/12/14	78.14	34.30	35.22	0.92	43.63
GMW-25	12/19/14	78.14	34.50	35.05	0.55	43.51
GMW-25	04/20/15	78.14	34.47	35.19	0.72	43.50
GMW-25	06/25/15	78.14	35.40	36.35	0.95	42.52
GMW-25	10/20/15	78.14	35.38	35.40	0.02	42.76

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-25	03/16/16	78.14	---	38.99	---	39.15
GMW-25	04/12/16	78.14	---	37.15	---	40.99
GMW-25	06/29/16	78.14	---	38.40	---	39.74
GMW-25	08/22/16	78.14	---	38.44	---	39.70
GMW-25	10/03/16	78.14	---	38.70	---	39.44
GMW-25	10/03/16	78.14	---	38.70	---	39.44
GMW-25	04/17/17	78.14	---	35.23	---	42.91
GMW-25	10/02/17	78.14	---	39.22	---	38.92
GMW-25	04/16/18	78.14	---	38.85	---	39.29
GMW-26	05/28/96	74.45	---	27.20	---	47.25
GMW-26	11/20/96	74.45	---	27.82	---	46.63
GMW-26	07/01/97	74.45	---	29.03	---	45.42
GMW-26	12/31/97	74.45	---	29.14	---	45.31
GMW-26	05/01/98	74.45	---	25.45	---	49.00
GMW-26	05/04/99	74.45	---	26.52	---	47.93
GMW-26	08/09/99	74.45	---	26.55	---	47.90
GMW-26	11/15/99	74.45	---	25.46	---	48.99
GMW-26	05/15/00	74.45	---	26.54	---	47.91
GMW-26	11/13/00	74.45	---	27.67	---	46.78
GMW-26	05/07/01	74.45	---	25.84	---	48.61
GMW-26	11/05/01	74.45	---	25.73	---	48.72
GMW-26	04/08/02	74.45	---	26.40	---	48.05
GMW-26	10/21/02	74.45	---	26.82	---	47.63
GMW-26	04/07/03	74.45	---	25.28	---	49.17
GMW-26	07/07/03	74.52	---	26.53	---	47.99
GMW-26	10/06/03	74.52	---	26.30	---	48.22
GMW-26	01/11/04	74.52	---	27.87	---	46.65
GMW-26	01/20/04	74.52	---	26.83	---	47.69
GMW-26	04/19/04	74.52	---	27.91	---	46.61
GMW-26	04/27/04	74.52	---	27.32	---	47.20
GMW-26	06/07/04	74.52	---	27.95	---	46.57
GMW-26	07/08/04	74.52	---	27.72	---	46.80
GMW-26	05/02/05	74.52	---	23.05	---	51.47
GMW-26	10/31/05	74.52	---	23.62	---	50.90
GMW-26	05/22/06	74.52	---	24.14	---	50.38
GMW-26	12/04/06	74.52	---	24.69	---	49.83
GMW-26	04/30/07	74.52	---	24.68	---	49.84
GMW-26	11/12/07	74.52	---	25.06	---	49.46
GMW-26	04/14/08	74.52	---	25.39	---	49.13
GMW-26	10/13/08	74.52	---	25.92	---	48.60
GMW-26	04/20/09	74.52	---	26.12	---	48.40
GMW-26	10/19/09	74.52	---	26.96	---	47.56
GMW-26	05/24/10	74.52	---	27.70	---	46.82
GMW-26	05/28/10	74.52	---	27.47	---	47.05
GMW-26	10/04/10	74.52	---	36.51	---	38.01
GMW-26	04/11/11	74.52	---	27.22	---	47.30
GMW-26	10/10/11	74.52	---	26.38	---	48.14
GMW-26	04/16/12	74.52	---	27.86	---	46.66
GMW-26	07/09/12	74.52	---	NM	---	NC
GMW-26	10/15/12	74.52	---	28.40	---	46.12
GMW-26	04/08/13	74.52	---	28.98	---	45.54
GMW-26	10/07/13	74.52	---	29.94	---	44.58
GMW-26	04/14/14	74.52	---	30.28	---	44.24
GMW-26	10/27/14	74.52	---	30.68	---	43.84
GMW-26	04/20/15	74.52	---	31.18	---	43.34

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-26	10/19/15	74.52	---	31.73	---	42.79
GMW-26	03/14/16	74.52	---	34.56	---	39.96
GMW-26	04/11/16	74.52	---	35.55	---	38.97
GMW-26	06/29/16	74.52	---	34.45	---	40.07
GMW-26	08/22/16	74.52	---	34.58	---	39.94
GMW-26	10/03/16	74.52	---	35.12	---	39.40
GMW-26	10/03/16	74.52	---	35.12	---	39.40
GMW-26	04/17/17	74.52	---	31.90	---	42.62
GMW-26	10/02/17	74.52	---	35.00	---	39.52
GMW-26	04/16/18	74.52	---	35.19	---	39.33
GMW-27	05/28/96	74.39	---	27.00	---	47.39
GMW-27	12/31/97	74.39	27.76	28.43	0.67	46.50
GMW-27	05/01/98	74.39	---	25.07	---	49.32
GMW-27	05/07/99	74.39	---	26.44	---	47.95
GMW-27	08/09/99	74.39	---	26.46	---	47.93
GMW-27	11/15/99	74.39	---	26.71	---	47.68
GMW-27	05/15/00	74.39	---	26.44	---	47.95
GMW-27	11/13/00	74.39	---	27.52	---	46.87
GMW-27	05/07/01	74.39	---	25.67	---	48.72
GMW-27	08/07/01	74.39	---	25.25	---	49.14
GMW-27	11/05/01	74.39	---	25.65	---	48.74
GMW-27	04/08/02	74.39	---	28.79	---	45.60
GMW-27	10/21/02	74.39	---	26.72	---	47.67
GMW-27	04/07/03	74.39	---	26.13	---	48.26
GMW-27	10/06/03	74.39	---	26.32	---	48.07
GMW-27	01/11/04	74.41	---	27.82	---	46.59
GMW-27	01/27/04	74.39	---	26.52	---	47.87
GMW-27	04/19/04	74.41	---	27.62	---	46.79
GMW-27	04/27/04	74.41	---	27.00	---	47.41
GMW-27	06/07/04	74.41	---	27.70	---	46.71
GMW-27	07/08/04	74.41	---	27.46	---	46.95
GMW-27	05/02/05	74.41	---	24.01	---	50.40
GMW-27	10/31/05	74.41	---	23.03	---	51.38
GMW-27	05/09/06	74.41	---	23.51	---	50.90
GMW-27	12/04/06	74.41	---	24.45	---	49.96
GMW-27	04/30/07	74.41	---	24.52	---	49.89
GMW-27	11/12/07	74.41	---	24.90	---	49.51
GMW-27	04/14/08	74.41	---	25.21	---	49.20
GMW-27	08/11/08	74.41	---	29.68	---	44.73
GMW-27	10/13/08	74.41	---	25.81	---	48.60
GMW-27	11/21/08	74.41	---	26.20	---	48.21
GMW-27	04/20/09	74.41	---	26.04	---	48.37
GMW-27	10/19/09	74.41	---	27.39	---	47.02
GMW-27	05/24/10	74.41	---	26.90	---	47.51
GMW-27	05/28/10	74.41	---	26.96	---	47.45
GMW-27	10/04/10	74.41	---	26.95	---	47.46
GMW-27	01/10/11	74.41	---	27.97	---	46.44
GMW-27	04/11/11	74.41	---	26.33	---	48.08
GMW-27	07/11/11	74.41	---	NM	---	NC
GMW-27	10/10/11	74.41	---	26.17	---	48.24
GMW-27	01/09/12	74.41	---	26.84	---	47.57
GMW-27	04/16/12	74.41	---	27.85	---	46.56
GMW-27	07/09/12	74.41	---	27.94	---	46.47
GMW-27	10/15/12	74.41	---	29.05	---	45.36
GMW-27	01/14/13	74.41	---	29.07	---	45.34

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-27	04/08/13	74.41	---	28.96	---	45.45
GMW-27	10/07/13	74.41	---	29.45	---	44.96
GMW-27	04/14/14	74.41	---	30.19	---	44.22
GMW-27	10/27/14	74.41	---	30.51	---	43.90
GMW-27R	10/02/17	77.15	---	37.68	---	39.47
GMW-28	05/28/96	74.62	---	27.22	---	47.40
GMW-28	11/20/96	74.62	---	27.86	---	46.76
GMW-28	07/01/97	74.62	---	29.03	---	45.59
GMW-28	12/31/97	74.62	28.00	28.65	0.65	46.49
GMW-28	05/01/98	74.62	24.77	25.42	0.65	49.72
GMW-28	08/09/99	74.62	---	26.64	---	47.98
GMW-28	11/15/99	74.62	---	26.80	---	47.82
GMW-28	11/13/00	74.62	---	27.50	---	47.12
GMW-28	08/07/01	74.62	---	25.47	---	49.15
GMW-28	11/05/01	74.62	---	25.85	---	48.77
GMW-28	04/08/02	74.62	---	26.21	---	48.41
GMW-28	10/21/02	74.62	---	26.96	---	47.66
GMW-28	04/07/03	74.62	---	26.35	---	48.27
GMW-28	07/07/03	74.68	---	26.43	---	48.25
GMW-28	10/06/03	74.62	---	26.31	---	48.31
GMW-28	01/11/04	74.68	---	27.68	---	47.00
GMW-28	01/20/04	74.68	---	26.85	---	47.83
GMW-28	04/19/04	74.68	---	27.58	---	47.10
GMW-28	04/27/04	74.68	---	27.13	---	47.55
GMW-28	06/07/04	74.68	---	27.70	---	46.98
GMW-28	07/08/04	74.68	---	27.59	---	47.09
GMW-28	05/02/05	74.68	---	23.71	---	50.97
GMW-28	10/31/05	74.68	---	25.16	---	49.52
GMW-28	04/30/07	74.62	---	NM	---	NC
GMW-28	11/12/07	74.62	---	25.16	---	49.46
GMW-28	04/14/08	74.62	---	25.50	---	49.12
GMW-28	11/04/08	74.62	---	26.61	---	48.01
GMW-28	04/20/09	74.68	---	26.18	---	48.50
GMW-28	10/19/09	74.68	---	27.21	---	47.47
GMW-28	05/24/10	74.68	---	27.11	---	47.57
GMW-28	05/28/10	74.68	---	27.12	---	47.56
GMW-28	10/04/10	74.68	---	27.11	---	47.57
GMW-28	04/11/11	74.68	---	29.32	---	45.36
GMW-28	10/10/11	74.68	---	26.41	---	48.27
GMW-28	04/16/12	74.68	---	28.32	---	46.36
GMW-28	07/09/12	74.68	---	NM	---	NC
GMW-28	10/15/12	74.68	---	28.50	---	46.18
GMW-28	04/08/13	74.68	---	28.99	---	45.69
GMW-28	10/07/13	74.68	---	29.46	---	45.22
GMW-28	04/14/14	74.68	---	30.23	---	44.45
GMW-28	10/27/14	74.68	---	30.60	---	44.08
GMW-28	10/27/14	74.68	---	31.16	---	43.52
GMW-28	04/20/15	74.68	---	31.23	---	43.45
GMW-28	10/19/15	74.68	---	32.00	---	42.68
GMW-28	03/14/16	74.68	---	35.66	---	39.02
GMW-28	04/11/16	74.68	---	34.10	---	40.58
GMW-28	06/29/16	74.68	---	34.95	---	39.73
GMW-28	08/22/16	74.68	---	35.33	---	39.35
GMW-28	10/03/16	74.68	---	35.81	---	38.87
GMW-28	10/03/16	74.68	---	35.81	---	38.87

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-28	04/17/17	74.68	---	32.10	---	42.58
GMW-28	10/02/17	74.68	---	35.78	---	38.90
GMW-28	04/16/18	74.68	---	35.77	---	38.91
GMW-29	05/28/96	74.86	---	NM	0.04	NC
GMW-29	11/20/96	74.86	---	30.60	---	44.26
GMW-29	07/01/97	74.86	---	29.58	---	45.28
GMW-29	12/31/97	74.86	30.91	31.70	0.79	43.79
GMW-29	05/01/98	74.86	27.81	28.43	0.62	46.93
GMW-29	05/04/99	74.86	---	31.35	---	43.51
GMW-29	08/09/99	74.86	---	28.90	---	45.96
GMW-29	11/15/99	74.86	---	NM	---	NC
GMW-29	05/15/00	74.86	---	NM	---	NC
GMW-29	11/13/00	74.86	---	31.30	---	43.56
GMW-29	11/13/00	74.86	---	28.51	---	46.35
GMW-29	05/07/01	74.86	---	28.64	---	46.22
GMW-29	05/10/01	74.86	---	28.43	---	46.43
GMW-29	08/07/01	74.86	---	28.25	---	46.61
GMW-29	11/05/01	74.86	---	28.46	---	46.40
GMW-29	04/08/02	74.86	---	26.54	---	48.32
GMW-29	10/21/02	74.86	---	26.98	---	47.88
GMW-29	04/07/03	74.86	---	29.20	---	45.66
GMW-29	07/07/03	77.57	---	29.09	---	48.48
GMW-29	10/06/03	74.86	---	29.00	---	45.86
GMW-29	01/11/04	77.57	---	27.47	---	50.10
GMW-29	01/20/04	77.57	---	29.46	---	48.11
GMW-29	04/19/04	77.57	---	29.94	---	47.63
GMW-29	04/27/04	77.57	---	29.80	---	47.77
GMW-29	06/07/04	77.57	---	29.93	---	47.64
GMW-29	07/08/04	77.57	---	30.06	---	47.51
GMW-29	05/02/05	77.57	---	26.63	---	50.94
GMW-29	10/31/05	77.57	---	25.42	---	52.15
GMW-29	05/01/06	77.57	---	26.64	---	50.93
GMW-29	12/04/06	77.57	---	27.34	---	50.23
GMW-29	04/30/07	77.57	---	27.48	---	50.09
GMW-29	11/12/07	77.57	---	27.95	---	49.62
GMW-29	04/14/08	77.57	---	29.46	---	48.11
GMW-29	04/14/08	77.57	---	28.31	---	49.26
GMW-29	10/13/08	77.57	---	28.72	---	48.85
GMW-29	04/20/09	77.57	---	28.86	---	48.71
GMW-29	10/19/09	77.57	---	29.70	---	47.87
GMW-29	05/24/10	77.57	---	29.92	---	47.65
GMW-29	05/28/10	77.57	---	29.88	---	47.69
GMW-29	10/04/10	77.57	---	27.30	---	50.27
GMW-29	04/11/11	77.57	---	29.52	---	48.05
GMW-29	10/10/11	77.57	---	26.50	---	51.07
GMW-29	04/16/12	77.57	---	28.14	---	49.43
GMW-29	07/09/12	77.57	---	NM	---	NC
GMW-29	10/15/12	77.57	---	28.41	---	49.16
GMW-29	04/08/13	77.57	---	28.95	---	48.62
GMW-29	10/07/13	77.57	---	30.30	---	47.27
GMW-29	04/14/14	77.57	---	31.62	---	45.95
GMW-29	10/27/14	77.57	---	32.42	---	45.15
GMW-29	04/20/15	77.57	---	32.62	---	44.95
GMW-29	10/27/15	77.57	31.86	35.37	3.51	45.01
GMW-29	03/14/16	77.57	---	36.15	---	41.42

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-29	04/11/16	77.57	33.55	34.95	1.40	43.74
GMW-29	06/29/16	77.57	34.50	37.82	3.32	42.41
GMW-29	08/22/16	77.57	35.16	35.67	0.51	42.31
GMW-29	10/03/16	77.57	35.75	36.00	0.25	41.77
GMW-29	10/03/16	77.57	35.75	36.00	0.25	NC
GMW-29	04/17/17	77.57	31.74	33.80	2.06	45.42
GMW-29	10/02/17	77.57	35.87	36.05	0.18	NC
GMW-29	04/16/18	77.57	---	36.14	---	41.43
GMW-30	05/28/96	74.91	26.69	29.41	2.72	47.68
GMW-30	11/20/96	74.91	27.51	29.60	2.09	46.98
GMW-30	07/01/97	74.91	28.96	30.32	1.36	45.68
GMW-30	12/31/97	74.91	27.80	29.74	1.94	46.72
GMW-30	05/01/98	74.91	19.11	24.27	5.16	54.77
GMW-30	05/04/99	74.91	25.45	31.56	6.11	48.24
GMW-30	08/09/99	74.91	25.76	30.10	4.34	48.28
GMW-30	11/15/99	74.91	27.20	27.57	0.37	47.64
GMW-30	05/15/00	74.91	27.27	27.60	0.33	47.57
GMW-30	11/13/00	74.91	26.55	26.59	0.04	48.35
GMW-30	05/07/01	74.91	---	28.47	---	46.44
GMW-30	08/07/01	74.91	---	25.60	---	49.31
GMW-30	11/05/01	74.91	25.96	26.00	0.04	48.94
GMW-30	04/08/02	74.91	26.35	26.53	0.18	48.52
GMW-30	10/21/02	74.91	27.32	27.51	0.19	47.55
GMW-30	04/07/03	74.91	26.75	26.77	0.02	48.16
GMW-30	10/06/03	74.91	26.45	26.51	0.06	48.45
GMW-30	01/11/04	74.91	27.91	27.97	0.06	46.99
GMW-30	04/19/04	74.91	27.49	27.60	0.11	47.40
GMW-30	05/10/05	74.91	---	23.63	---	51.28
GMW-30	10/31/05	74.91	---	26.71	---	48.20
GMW-30	05/01/06	74.91	---	23.91	---	51.00
GMW-30	12/04/06	74.91	---	24.73	---	50.18
GMW-30	04/30/07	74.91	---	24.99	---	49.92
GMW-30	08/28/07	74.91	---	24.65	---	50.26
GMW-30	08/28/07	74.91	---	24.65	---	50.26
GMW-30	11/12/07	74.91	---	25.38	---	49.53
GMW-30	04/14/08	74.91	---	25.65	---	49.26
GMW-30	11/04/08	74.91	---	26.52	---	48.39
GMW-30	04/20/09	74.91	---	26.30	---	48.61
GMW-30	10/19/09	74.91	---	27.40	---	47.51
GMW-30	05/24/10	74.91	---	27.32	---	47.59
GMW-30	05/28/10	74.91	---	27.18	---	47.73
GMW-30	10/04/10	74.91	---	27.30	---	47.61
GMW-30	01/10/11	74.91	---	28.61	---	46.30
GMW-30	04/11/11	74.91	---	26.43	---	48.48
GMW-30	07/11/11	74.91	---	NM	---	NC
GMW-30	10/10/11	74.91	---	26.55	---	48.36
GMW-30	01/09/12	74.91	---	27.12	---	47.79
GMW-30	04/16/12	74.91	---	29.09	---	45.82
GMW-30	07/09/12	74.91	---	28.43	---	46.48
GMW-30	10/15/12	74.91	---	28.40	---	46.51
GMW-30	01/14/13	74.91	---	29.59	---	45.32
GMW-30	04/08/13	74.91	---	29.31	---	45.60
GMW-30	10/07/13	74.91	---	30.32	---	44.59
GMW-30	04/14/14	74.91	---	30.60	---	44.31
GMW-30	10/27/14	74.91	30.12	33.74	3.62	44.07

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-30	04/20/15	74.91	31.01	32.77	1.76	43.55
GMW-30	10/19/15	74.91	31.80	32.92	1.12	42.89
GMW-30	03/14/16	74.91	---	36.22	---	38.69
GMW-30	04/11/16	74.91	---	34.01	---	40.90
GMW-30	06/29/16	74.91	---	35.28	---	39.63
GMW-30	08/22/16	74.91	---	35.40	---	39.51
GMW-30	10/03/16	74.91	---	36.30	---	38.61
GMW-30	10/03/16	74.91	---	36.30	---	38.61
GMW-30	04/17/17	74.91	32.16	32.53	0.37	42.68
GMW-30	10/02/17	74.91	---	36.21	---	38.70
GMW-30	04/16/18	74.91	---	36.05	---	38.86
GMW-31	05/28/96	76.50	---	29.31	---	47.19
GMW-31	11/20/96	76.50	---	30.18	---	46.32
GMW-31	07/01/97	76.50	---	30.11	---	46.39
GMW-31	12/31/97	76.50	---	30.03	---	46.47
GMW-31	05/01/98	76.50	---	27.26	---	49.24
GMW-31	05/25/99	76.50	---	28.07	---	48.43
GMW-31	05/15/00	76.50	---	28.70	---	47.80
GMW-31	11/13/00	76.50	---	28.33	---	48.17
GMW-31	05/07/01	76.50	---	27.48	---	49.02
GMW-31	04/08/02	76.50	---	28.94	---	47.56
GMW-31	10/21/02	76.50	---	28.72	---	47.78
GMW-31	04/07/03	76.50	---	28.44	---	48.06
GMW-31	10/06/03	76.50	---	28.48	---	48.02
GMW-31	04/19/04	76.50	---	29.99	---	46.51
GMW-31	11/01/04	76.50	---	29.16	---	47.34
GMW-31	05/02/05	76.50	---	24.57	---	51.93
GMW-31	05/01/06	76.50	---	26.10	---	50.40
GMW-31	08/26/06	76.50	---	26.49	---	50.01
GMW-31	12/01/06	76.50	---	26.84	---	49.66
GMW-31	04/30/07	76.50	---	27.34	---	49.16
GMW-31	11/12/07	76.50	---	27.91	---	48.59
GMW-31	04/11/08	76.50	---	27.57	---	48.93
GMW-31	07/24/08	76.50	---	27.91	---	48.59
GMW-31	10/14/08	76.50	---	28.57	---	47.93
GMW-31	02/10/09	76.50	---	28.87	---	47.63
GMW-31	04/20/09	76.50	---	28.41	---	48.09
GMW-31	10/19/09	76.50	---	29.28	---	47.22
GMW-31	04/08/10	76.50	---	28.91	---	47.59
GMW-31	04/12/10	76.50	---	28.71	---	47.79
GMW-31	01/07/11	76.50	---	29.40	---	47.10
GMW-31	04/08/11	76.50	---	28.13	---	48.37
GMW-31	07/08/11	76.50	---	28.34	---	48.16
GMW-31	10/06/11	76.50	---	28.87	---	47.63
GMW-31	04/12/12	76.50	---	30.04	---	46.46
GMW-31	04/16/12	76.50	---	29.81	---	46.69
GMW-31	01/11/13	76.50	---	31.35	---	45.15
GMW-31	04/03/13	76.50	---	31.26	---	45.24
GMW-31	04/08/13	76.50	---	31.08	---	45.42
GMW-31	10/02/13	76.50	---	31.98	---	44.52
GMW-31	04/07/14	76.50	---	32.76	---	43.74
GMW-31	04/14/14	76.50	---	32.36	---	44.14
GMW-31	10/27/14	76.50	---	32.88	---	43.62
GMW-31	04/20/15	76.50	---	33.21	---	43.29
GMW-31	04/11/16	76.50	---	NM	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-31	10/03/16	76.50	---	NM	---	NC
GMW-31	04/17/17	76.50	---	32.03	---	44.47
GMW-31	10/03/17	76.50	---	33.18	---	43.32
GMW-31	04/16/18	76.50	---	33.77	---	42.73
GMW-32	05/28/96	74.62	---	26.78	---	47.84
GMW-32	11/20/96	74.62	---	27.79	---	46.83
GMW-32	07/01/97	74.62	---	26.99	---	47.63
GMW-32	12/31/97	74.62	---	27.38	---	47.24
GMW-32	05/01/98	74.62	---	24.23	---	50.39
GMW-32	05/25/99	74.62	---	25.52	---	49.10
GMW-32	05/15/00	74.62	---	26.16	---	48.46
GMW-32	11/13/00	74.62	---	26.73	---	47.89
GMW-32	05/07/01	74.62	---	24.93	---	49.69
GMW-32	02/01/02	74.62	---	25.35	---	49.27
GMW-32	04/08/02	74.62	---	26.52	---	48.10
GMW-32	10/21/02	74.62	---	27.09	---	47.53
GMW-32	04/07/03	74.62	---	25.15	---	49.47
GMW-32	10/06/03	74.62	---	25.89	---	48.73
GMW-32	04/19/04	74.62	---	26.78	---	47.84
GMW-32	11/01/04	74.62	---	27.30	---	47.32
GMW-32	05/02/05	74.62	---	20.42	---	54.20
GMW-32	03/06/06	74.62	---	23.10	---	51.52
GMW-32	05/01/06	74.62	---	22.98	---	51.64
GMW-32	08/26/06	74.62	---	23.64	---	50.98
GMW-32	12/01/06	74.62	---	24.50	---	50.12
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-32	10/02/13	74.62	---	29.98	---	44.64
GMW-32	04/09/14	74.62	---	30.60	---	44.02
GMW-32	04/16/14	74.62	---	30.30	---	44.32
GMW-32	10/27/14	74.62	---	30.72	---	43.90
GMW-32R	10/03/17	76.93	---	NM	---	NC
GMW-32R	04/16/18	76.93	---	NM	---	NC
GMW-33	05/28/96	74.88	---	27.02	---	47.86
GMW-33	11/20/96	74.88	---	27.97	---	46.91
GMW-33	07/01/97	74.88	---	26.84	---	48.04

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-33	12/31/97	74.88	---	27.52	---	47.36
GMW-33	05/01/98	74.88	---	24.08	---	50.80
GMW-33	05/25/99	74.88	---	25.62	---	49.26
GMW-33	05/15/00	74.88	---	26.50	---	48.38
GMW-33	11/13/00	74.88	---	26.90	---	47.98
GMW-33	05/07/01	74.88	---	25.18	---	49.70
GMW-33	02/01/02	74.88	---	25.32	---	49.56
GMW-33	04/08/02	74.88	---	26.55	---	48.33
GMW-33	10/21/02	74.88	---	27.15	---	47.73
GMW-33	04/07/03	74.88	---	26.22	---	48.66
GMW-33	10/06/03	74.88	---	26.06	---	48.82
GMW-33	04/19/04	74.88	---	28.89	---	45.99
GMW-33	11/01/04	74.88	---	27.47	---	47.41
GMW-33	05/02/05	74.88	---	21.50	---	53.38
GMW-33	03/06/06	74.88	---	23.94	---	50.94
GMW-33	05/01/06	74.88	---	23.90	---	50.98
GMW-33	08/26/06	74.88	---	24.38	---	50.50
GMW-33	12/01/06	74.88	---	24.90	---	49.98
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-33	10/02/13	74.88	---	NM	---	NC
GMW-33	04/09/14	74.88	---	NM	---	NC
GMW-33	10/27/14	74.88	---	NM	---	NC
GMW-33	04/11/16	74.88	---	NM	---	NC
GMW-33	10/03/16	74.88	---	NM	---	NC
GMW-33	04/18/17	74.88	---	DRY	---	NC
GMW-33	10/03/17	74.88	---	NM	---	NC
GMW-33	04/16/18	74.88	---	NM	---	NC
GMW-34	05/28/96	75.25	26.83	30.96	4.13	47.59
GMW-34	11/20/96	75.25	27.69	31.87	4.18	46.72
GMW-34	07/01/97	75.25	28.10	32.06	3.96	46.36
GMW-34	12/31/97	75.25	27.88	31.81	3.93	46.58
GMW-34	05/01/98	75.25	25.66	25.92	0.26	49.54
GMW-34	05/25/99	75.25	---	26.80	---	48.45
GMW-34	05/15/00	75.25	---	27.46	---	47.79
GMW-34	11/13/00	75.25	---	27.05	---	48.20
GMW-34	05/07/01	75.25	---	26.12	---	49.13
GMW-34	04/08/02	75.25	---	27.26	---	47.99
GMW-34	10/21/02	75.25	---	27.64	---	47.61
GMW-34	04/07/03	75.25	---	26.98	---	48.27

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-34	10/06/03	75.25	---	27.03	---	48.22
GMW-34	04/19/04	75.25	---	28.53	---	46.72
GMW-34	11/01/04	75.25	---	28.26	---	46.99
GMW-34	05/02/05	75.25	---	22.79	---	52.46
GMW-34	05/01/06	75.25	---	24.50	---	50.75
GMW-34	12/01/06	75.25	---	25.56	---	49.69
GMW-34	04/30/07	75.25	---	25.88	---	49.37
GMW-34	11/12/07	75.25	---	NM	---	NC
GMW-34	04/11/08	75.25	---	NM	---	NC
GMW-34	10/14/08	75.25	---	NM	---	NC
GMW-34	10/01/10	75.25	---	27.85	---	47.40
GMW-34	04/12/12	75.25	---	NM	---	NC
GMW-35	05/28/96	76.12	27.54	32.06	4.52	47.68
GMW-35	11/20/96	76.12	28.69	33.01	4.32	46.57
GMW-35	07/01/97	76.12	27.75	31.38	3.63	47.64
GMW-35	12/31/97	76.12	28.10	32.18	4.08	47.20
GMW-35	05/01/98	76.12	24.97	25.28	0.31	51.09
GMW-35	05/25/99	76.12	26.93	27.65	0.72	49.05
GMW-35	05/15/00	76.12	27.67	28.26	0.59	48.33
GMW-35	11/13/00	76.12	---	29.38	---	46.74
GMW-35	05/07/01	76.12	---	26.80	---	49.32
GMW-35	04/08/02	76.12	---	28.39	---	47.73
GMW-35	09/19/02	76.12	28.56	28.95	0.39	47.48
GMW-35	10/21/02	76.12	---	29.03	---	47.09
GMW-35	04/07/03	76.12	28.10	28.15	0.05	48.01
GMW-35	10/06/03	76.12	---	27.58	---	48.54
GMW-35	04/19/04	76.12	28.46	28.49	0.03	47.65
GMW-35	11/01/04	76.12	28.71	28.78	0.07	47.40
GMW-35	02/28/05	76.12	---	24.73	---	51.39
GMW-35	05/02/05	76.12	---	23.26	---	52.86
GMW-35	03/06/06	76.12	---	25.14	---	50.98
GMW-35	05/01/06	76.12	---	25.37	---	50.75
GMW-35	08/26/06	76.12	---	25.83	---	50.29
GMW-35	12/01/06	76.12	---	26.27	---	49.85
GMW-35	03/21/07	76.12	---	26.72	---	49.40
GMW-35	04/30/07	76.12	---	26.74	---	49.38
GMW-35	08/28/07	76.12	---	27.02	---	49.10
GMW-35	11/12/07	76.12	---	27.32	---	48.80
GMW-35	02/05/08	76.12	---	27.98	---	48.14
GMW-35	04/14/08	76.12	---	26.85	---	49.27
GMW-35	10/13/08	76.12	28.28	28.31	0.03	47.83
GMW-35	02/10/09	76.12	---	27.70	---	48.42
GMW-35	04/20/09	76.12	---	28.94	---	47.18
GMW-35	07/17/09	76.12	---	28.12	---	48.00
GMW-35	04/08/10	76.12	---	27.07	---	49.05
GMW-35	04/12/10	76.12	---	28.41	---	47.71
GMW-35	10/01/10	76.12	---	28.73	---	47.39
GMW-35	01/08/11	76.12	29.03	29.04	0.01	47.09
GMW-35	04/12/12	76.12	29.44	29.51	0.07	46.67
GMW-35	04/20/12	76.12	---	29.38	---	46.74
GMW-35	04/05/13	76.12	30.61	30.83	0.22	45.47
GMW-35	04/08/13	76.12	30.58	30.80	0.22	45.50
GMW-35	10/02/13	76.12	31.38	31.71	0.33	44.67
GMW-35	04/09/14	76.12	31.95	31.97	0.02	44.17
GMW-35	04/16/14	76.12	31.95	32.15	0.20	44.13

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-35	10/27/14	76.12	32.16	32.18	0.02	43.96
GMW-35R	10/03/17	75.90	---	38.07	---	37.83
GMW-35R	04/16/18	75.90	---	38.75	---	37.15
GMW-36	05/28/96	74.53	25.71	26.88	1.17	48.59
GMW-36	11/20/96	74.53	26.56	26.82	0.26	47.92
GMW-36	07/01/97	74.53	25.09	25.71	0.62	49.32
GMW-36	12/31/97	74.53	---	26.74	---	47.79
GMW-36	05/04/99	74.53	---	23.68	---	50.85
GMW-36	08/09/99	74.53	---	24.80	---	49.73
GMW-36	11/15/99	74.53	---	25.48	---	49.05
GMW-36	05/15/00	74.53	---	25.01	---	49.52
GMW-36	11/13/00	74.53	---	25.96	---	48.57
GMW-36	02/05/01	74.53	---	25.41	---	49.12
GMW-36	05/07/01	74.53	---	23.37	---	51.16
GMW-36	05/10/01	74.53	---	23.43	---	51.10
GMW-36	09/18/01	74.53	---	23.95	---	50.58
GMW-36	11/05/01	74.53	---	24.24	---	50.29
GMW-36	01/29/02	74.53	---	24.60	---	49.93
GMW-36	04/08/02	74.53	---	24.92	---	49.61
GMW-36	07/29/02	74.53	---	25.92	---	48.61
GMW-36	10/21/02	74.53	25.54	29.46	3.92	48.21
GMW-36	11/04/02	74.53	25.55	29.05	3.50	48.28
GMW-36	01/27/03	74.53	26.75	28.02	1.27	47.53
GMW-36	04/07/03	74.53	26.63	27.47	0.84	47.73
GMW-36	05/02/05	74.53	20.03	21.23	1.20	54.26
GMW-36	10/31/05	74.53	22.69	22.73	0.04	51.83
GMW-36	05/01/06	74.53	22.80	22.91	0.11	51.71
GMW-36	12/04/06	74.53	---	23.86	---	50.67
GMW-36	03/12/07	74.53	---	24.29	---	50.24
GMW-36	04/30/07	74.53	---	24.40	---	50.13
GMW-36	08/28/07	74.53	---	24.31	---	50.22
GMW-36	11/12/07	74.53	24.85	24.86	0.01	49.68
GMW-36	02/19/08	74.53	---	25.50	---	49.03
GMW-36	04/14/08	74.53	---	24.61	---	49.92
GMW-36	08/08/08	74.53	26.14	26.20	0.06	48.38
GMW-36	10/16/08	74.77	26.09	26.11	0.02	48.68
GMW-36	12/18/08	74.53	28.65	28.70	0.05	45.87
GMW-36	01/15/09	74.53	27.45	27.73	0.28	47.02
GMW-36	02/20/09	74.53	26.35	26.39	0.04	48.17
GMW-36	02/23/09	74.53	25.80	26.13	0.33	48.66
GMW-36	03/24/09	74.53	---	29.83	---	44.70
GMW-36	04/20/09	74.53	25.59	25.63	0.04	48.93
GMW-36	07/17/09	74.53	---	27.40	---	47.13
GMW-36	07/20/09	74.53	---	25.90	---	48.63
GMW-36	07/21/09	74.53	---	26.03	---	48.50
GMW-36	07/22/09	74.53	---	25.90	---	48.63
GMW-36	10/19/09	74.53	26.45	26.56	0.11	48.06
GMW-36	02/04/10	74.53	26.80	26.93	0.13	47.70
GMW-36	03/15/10	74.53	---	26.80	---	47.73
GMW-36	04/16/10	74.53	---	26.90	---	47.63
GMW-36	05/24/10	74.53	25.90	25.96	0.06	48.62
GMW-36	05/28/10	74.53	25.88	25.94	0.06	48.64
GMW-36	06/22/10	74.53	25.91	25.94	0.03	48.61
GMW-36	07/12/10	74.53	---	NM	---	NC
GMW-36	08/12/10	74.53	---	NM	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-36	09/20/10	74.53	---	NM	---	NC
GMW-36	10/04/10	74.53	---	26.90	---	47.63
GMW-36	10/24/10	74.53	---	26.90	---	47.63
GMW-36	11/23/10	74.53	27.10	27.35	0.25	47.38
GMW-36	12/22/10	74.53	26.84	28.35	1.51	47.39
GMW-36	01/10/11	74.53	27.70	29.10	1.40	46.55
GMW-36	02/24/11	74.53	---	NM	---	NC
GMW-36	03/23/11	74.53	---	NM	---	NC
GMW-36	04/12/11	74.53	25.05	26.98	1.93	49.09
GMW-36	05/13/11	74.53	---	NM	---	NC
GMW-36	06/22/11	74.53	---	NM	---	NC
GMW-36	07/11/11	74.53	---	NM	---	NC
GMW-36	08/19/11	74.53	---	NM	---	NC
GMW-36	09/22/11	74.53	---	NM	---	NC
GMW-36	10/10/11	74.53	---	25.96	---	48.57
GMW-36	11/28/11	74.53	---	NM	---	NC
GMW-36	12/02/11	74.53	---	26.71	---	47.82
GMW-36	12/21/11	74.53	---	28.17	---	46.36
GMW-36	01/09/12	74.53	---	27.26	---	47.27
GMW-36	02/23/12	74.53	---	27.85	---	46.68
GMW-36	03/28/12	74.53	---	NM	---	NC
GMW-36	04/16/12	74.53	---	27.34	---	47.19
GMW-36	05/25/12	74.53	---	NM	---	NC
GMW-36	06/15/12	---	---	33.27	---	NC
GMW-36	07/09/12	---	---	33.71	---	NC
GMW-36	08/29/12	---	---	NM	---	NC
GMW-36	09/26/12	---	---	NM	---	NC
GMW-36	10/15/12	76.66	---	32.11	---	44.55
GMW-36	11/29/12	76.66	31.68	33.93	2.25	44.53
GMW-36	12/26/12	76.66	30.36	34.86	4.50	45.40
GMW-36	01/14/13	76.66	30.42	34.12	3.70	45.50
GMW-36	02/20/13	76.66	---	NM	---	NC
GMW-36	04/10/13	76.66	29.75	32.42	2.67	46.38
GMW-36	10/07/13	76.66	30.72	34.65	3.93	45.15
GMW-36	04/25/14	76.66	31.12	34.71	3.59	44.82
GMW-36	05/20/14	76.66	31.50	34.95	3.45	44.47
GMW-36	05/27/14	76.66	31.29	34.53	3.24	44.72
GMW-36	06/04/14	76.66	31.50	34.93	3.43	44.47
GMW-36	08/13/14	76.66	31.27	34.86	3.59	44.67
GMW-36	08/19/14	76.66	31.39	34.20	2.81	44.71
GMW-36	08/29/14	76.66	31.32	34.31	2.99	44.74
GMW-36	09/05/14	76.66	31.37	34.35	2.98	44.69
GMW-36	09/11/14	76.66	31.23	35.00	3.77	44.68
GMW-36	09/18/14	76.66	31.50	34.42	2.92	44.58
GMW-36	09/26/14	76.66	31.48	34.15	2.67	44.65
GMW-36	10/01/14	76.66	31.61	33.51	1.90	44.67
GMW-36	10/06/14	76.66	31.63	33.29	1.66	44.70
GMW-36	10/14/14	76.66	31.55	33.48	1.93	44.72
GMW-36	10/23/14	76.66	31.57	33.64	2.07	44.68
GMW-36	10/27/14	76.66	31.79	33.02	1.23	44.62
GMW-36	11/03/14	76.66	31.57	33.75	2.18	44.65
GMW-36	11/18/14	76.66	31.75	33.17	1.42	44.63
GMW-36	11/25/14	76.66	31.86	33.13	1.27	44.55
GMW-36	12/03/14	76.66	31.75	32.93	1.18	44.67
GMW-36	04/20/15	76.66	32.20	33.64	1.44	44.17

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-36	10/21/15	76.66	33.16	33.55	0.39	43.42
GMW-36	04/12/16	76.66	34.03	34.30	0.27	42.58
GMW-36	10/03/16	76.66	34.65	35.05	0.40	41.93
GMW-36	10/03/16	76.66	34.65	35.05	0.40	NC
GMW-36	04/17/17	76.66	---	32.96	---	43.70
GMW-36	10/02/17	76.66	---	34.10	---	42.56
GMW-36	04/16/18	76.66	---	35.18	---	41.48
GMW-37	11/20/96	77.32	---	29.76	---	47.56
GMW-37	07/01/97	77.32	---	28.37	---	48.95
GMW-37	12/31/97	77.32	---	28.71	---	48.61
GMW-37	05/03/99	77.32	---	27.76	---	49.56
GMW-37	08/09/99	77.32	---	28.10	---	49.22
GMW-37	11/15/99	77.32	---	28.57	---	48.75
GMW-37	05/15/00	77.32	---	28.19	---	49.13
GMW-37	11/13/00	77.32	---	28.89	---	48.43
GMW-37	02/05/01	77.32	---	28.65	---	48.67
GMW-37	05/07/01	77.32	---	26.94	---	50.38
GMW-37	09/18/01	77.32	---	27.43	---	49.89
GMW-37	11/05/01	77.32	---	27.56	---	49.76
GMW-37	01/29/02	77.32	---	27.89	---	49.43
GMW-37	04/08/02	77.32	---	27.94	---	49.38
GMW-37	10/21/02	77.32	---	29.11	---	48.21
GMW-37	01/27/03	77.32	---	28.74	---	48.58
GMW-37	04/07/03	77.32	---	28.30	---	49.02
GMW-37	07/31/03	77.32	---	28.02	---	49.30
GMW-37	10/06/03	77.32	---	27.92	---	49.40
GMW-37	01/11/04	77.32	---	29.62	---	47.70
GMW-37	01/27/04	77.32	---	28.81	---	48.51
GMW-37	04/19/04	77.32	---	28.91	---	48.41
GMW-37	07/19/04	77.32	---	28.91	---	48.41
GMW-37	02/01/05	77.32	---	27.77	---	49.55
GMW-37	05/02/05	77.32	---	23.34	---	53.98
GMW-37	08/01/05	77.32	---	24.61	---	52.71
GMW-37	10/31/05	77.32	---	25.35	---	51.97
GMW-37	02/27/06	77.32	---	25.81	---	51.51
GMW-37	05/01/06	77.32	---	25.86	---	51.46
GMW-37	09/18/06	77.32	---	24.62	---	52.70
GMW-37	12/04/06	77.32	---	26.83	---	50.49
GMW-37	04/30/07	77.32	---	27.18	---	50.14
GMW-37	11/12/07	77.32	---	27.61	---	49.71
GMW-37	04/14/08	77.32	---	27.60	---	49.72
GMW-37	10/13/08	77.32	---	28.56	---	48.76
GMW-37	04/20/09	77.32	---	28.54	---	48.78
GMW-37	10/19/09	77.32	---	29.47	---	47.85
GMW-37	05/24/10	77.32	---	29.25	---	48.07
GMW-37	05/28/10	77.32	---	29.20	---	48.12
GMW-37	10/04/10	77.32	---	29.50	---	47.82
GMW-37	01/10/11	77.32	---	29.90	---	47.42
GMW-37	04/11/11	77.32	---	28.31	---	49.01
GMW-37	07/11/11	77.32	---	NM	---	NC
GMW-37	10/10/11	77.32	---	29.00	---	48.32
GMW-37	01/09/12	77.32	---	29.72	---	47.60
GMW-37	04/16/12	77.32	---	30.10	---	47.22
GMW-37	07/09/12	77.32	---	30.86	---	46.46
GMW-37	10/15/12	77.32	---	30.90	---	46.42

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-37	01/14/13	77.32	---	31.79	---	45.53
GMW-37	04/08/13	77.32	---	31.69	---	45.63
GMW-37	10/07/13	77.32	---	32.51	---	44.81
GMW-37	04/14/14	77.32	---	32.55	---	44.77
GMW-37	10/27/14	77.32	---	32.97	---	44.35
GMW-37	04/20/15	77.32	---	33.51	---	43.81
GMW-37	10/19/15	77.32	---	34.11	---	43.21
GMW-37	04/11/16	77.32	---	35.20	---	42.12
GMW-37	10/03/16	77.32	---	35.10	---	42.22
GMW-37	10/03/16	77.32	---	35.10	---	42.22
GMW-37	04/17/17	77.32	---	33.68	---	43.64
GMW-37	10/02/17	77.32	---	35.53	---	41.79
GMW-37	04/16/18	77.32	---	36.45	---	40.87
GMW-38	05/28/96	75.47	---	27.15	---	48.32
GMW-38	11/20/96	75.47	---	28.09	---	47.38
GMW-38	05/03/99	75.47	---	26.08	---	49.39
GMW-38	08/09/99	75.47	---	26.42	---	49.05
GMW-38	11/15/99	75.47	---	26.97	---	48.50
GMW-38	05/15/00	75.47	---	26.53	---	48.94
GMW-38	11/13/00	75.47	---	27.24	---	48.23
GMW-38	05/07/01	75.47	---	25.14	---	50.33
GMW-38	11/05/01	75.47	---	25.84	---	49.63
GMW-38	02/01/02	75.47	---	25.91	---	49.56
GMW-38	04/08/02	75.47	---	26.52	---	48.95
GMW-38	10/21/02	75.47	---	27.39	---	48.08
GMW-38	01/27/03	75.47	---	27.05	---	48.42
GMW-38	04/07/03	75.47	---	26.47	---	49.00
GMW-38	07/31/03	75.47	---	26.26	---	49.21
GMW-38	10/06/03	75.47	---	26.51	---	48.96
GMW-38	01/11/04	75.47	---	27.91	---	47.56
GMW-38	01/27/04	75.47	---	27.04	---	48.43
GMW-38	04/19/04	75.47	---	27.15	---	48.32
GMW-38	07/19/04	75.47	---	27.26	---	48.21
GMW-38	02/01/05	75.47	---	25.99	---	49.48
GMW-38	05/02/05	75.47	---	28.53	---	46.94
GMW-38	08/01/05	75.47	---	22.91	---	52.56
GMW-38	10/31/05	75.47	---	23.65	---	51.82
GMW-38	02/27/06	75.47	---	24.04	---	51.43
GMW-38	05/01/06	75.47	---	24.09	---	51.38
GMW-38	09/18/06	75.47	---	24.85	---	50.62
GMW-38	12/04/06	75.47	---	25.07	---	50.40
GMW-38	03/12/07	75.47	---	25.48	---	49.99
GMW-38	04/30/07	75.47	---	25.42	---	50.05
GMW-38	08/28/07	75.47	---	25.29	---	50.18
GMW-38	11/12/07	75.47	---	25.89	---	49.58
GMW-38	04/14/08	75.47	---	25.81	---	49.66
GMW-38	10/13/08	75.47	---	26.72	---	48.75
GMW-38	04/20/09	75.47	---	27.05	---	48.42
GMW-38	07/20/09	75.47	---	27.21	---	48.26
GMW-38	10/19/09	75.47	---	27.78	---	47.69
GMW-38	03/15/10	75.47	---	27.92	---	47.55
GMW-38	05/24/10	75.47	---	27.50	---	47.97
GMW-38	05/28/10	75.47	---	27.40	---	48.07
GMW-38	10/04/10	75.47	---	27.77	---	47.70
GMW-38	01/10/11	75.47	---	28.00	---	47.47

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-38	04/11/11	75.47	---	26.49	---	48.98
GMW-38	07/11/11	75.47	---	26.83	---	48.64
GMW-38	10/10/11	75.47	---	27.28	---	48.19
GMW-38	01/09/12	75.47	---	27.90	---	47.57
GMW-38	04/16/12	75.47	---	28.32	---	47.15
GMW-38	07/09/12	75.47	---	28.97	---	46.50
GMW-38	10/15/12	75.47	---	29.75	---	45.72
GMW-38	01/14/13	75.47	---	30.18	---	45.29
GMW-38	04/08/13	75.47	---	30.07	---	45.40
GMW-38	10/07/13	75.47	---	30.31	---	45.16
GMW-38	04/14/14	75.47	---	30.76	---	44.71
GMW-38	10/27/14	75.47	---	31.16	---	44.31
GMW-38	04/20/15	75.47	---	31.59	---	43.88
GMW-38	10/19/15	75.47	---	32.33	---	43.14
GMW-38	04/11/16	75.47	---	33.45	---	42.02
GMW-38	10/03/16	75.47	---	34.10	---	41.37
GMW-38	10/03/16	75.47	---	34.10	---	41.37
GMW-38	04/17/17	75.47	---	31.83	---	43.64
GMW-38	10/02/17	75.47	---	33.55	---	41.92
GMW-38	04/16/18	75.47	---	34.55	---	40.92
GMW-39	05/28/96	75.05	---	26.67	---	48.38
GMW-39	11/20/96	75.05	---	27.68	---	47.37
GMW-39	05/03/99	75.05	---	25.50	---	49.55
GMW-39	08/09/99	75.05	---	25.99	---	49.06
GMW-39	11/15/99	75.05	---	26.52	---	48.53
GMW-39	05/15/00	75.05	---	25.95	---	49.10
GMW-39	11/13/00	75.05	---	26.88	---	48.17
GMW-39	05/07/01	75.05	---	24.64	---	50.41
GMW-39	11/05/01	75.05	---	25.28	---	49.77
GMW-39	02/01/02	75.05	---	25.20	---	49.85
GMW-39	04/08/02	75.05	---	26.11	---	48.94
GMW-39	10/21/02	75.05	---	27.19	---	47.86
GMW-39	01/27/03	75.05	---	26.67	---	48.38
GMW-39	04/07/03	75.05	---	26.05	---	49.00
GMW-39	07/31/03	75.05	---	25.79	---	49.26
GMW-39	10/06/03	75.05	---	26.04	---	49.01
GMW-39	01/11/04	75.05	---	27.54	---	47.51
GMW-39	01/27/04	75.05	---	26.63	---	48.42
GMW-39	04/19/04	75.05	---	26.04	---	49.01
GMW-39	07/19/04	75.05	---	26.78	---	48.27
GMW-39	02/01/05	75.05	---	25.41	---	49.64
GMW-39	05/02/05	75.05	---	20.34	---	54.71
GMW-39	08/01/05	75.05	---	22.23	---	52.82
GMW-39	10/31/05	75.05	---	22.90	---	52.15
GMW-39	02/27/06	75.05	---	23.48	---	51.57
GMW-39	05/01/06	75.05	---	23.60	---	51.45
GMW-39	09/18/06	75.05	---	24.37	---	50.68
GMW-39	12/04/06	75.05	---	24.64	---	50.41
GMW-39	03/12/07	75.05	---	25.12	---	49.93
GMW-39	04/30/07	75.05	---	25.12	---	49.93
GMW-39	08/28/07	75.05	---	25.15	---	49.90
GMW-39	11/12/07	75.05	---	25.62	---	49.43
GMW-39	02/19/08	75.05	---	25.91	---	49.14
GMW-39	04/14/08	75.05	---	25.44	---	49.61
GMW-39	08/11/08	75.05	---	26.21	---	48.84

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-39	10/13/08	75.05	---	26.51	---	48.54
GMW-39	04/20/09	75.05	---	26.43	---	48.62
GMW-39	07/20/09	75.05	---	26.85	---	48.20
GMW-39	10/19/09	75.05	---	27.58	---	47.47
GMW-39	03/15/10	75.05	---	27.41	---	47.64
GMW-39	05/24/10	75.05	---	27.12	---	47.93
GMW-39	05/28/10	75.05	---	27.09	---	47.96
GMW-39	10/04/10	75.05	---	27.38	---	47.67
GMW-39	01/10/11	75.05	---	27.63	---	47.42
GMW-39	04/11/11	75.05	---	25.92	---	49.13
GMW-39	07/11/11	75.05	---	26.55	---	48.50
GMW-39	10/10/11	75.05	---	26.85	---	48.20
GMW-39	01/09/12	75.05	---	28.44	---	46.61
GMW-39	04/16/12	75.05	---	28.04	---	47.01
GMW-39	07/09/12	75.05	---	28.62	---	46.43
GMW-39	10/15/12	75.05	---	29.58	---	45.47
GMW-39	01/14/13	75.05	---	29.72	---	45.33
GMW-39	04/08/13	75.05	---	29.71	---	45.34
GMW-39	10/07/13	75.05	---	29.92	---	45.13
GMW-39	04/14/14	75.05	---	30.25	---	44.80
GMW-39	10/27/14	75.05	---	30.73	---	44.32
GMW-39	04/20/15	75.05	---	31.04	---	44.01
GMW-39	10/19/15	75.05	---	31.87	---	43.18
GMW-39	04/11/16	75.05	---	32.80	---	42.25
GMW-39	10/03/16	75.05	---	33.20	---	41.85
GMW-39	10/03/16	75.05	---	33.20	---	41.85
GMW-39	04/17/17	75.05	---	31.57	---	43.48
GMW-39	10/02/17	75.05	---	32.82	---	42.23
GMW-39	04/16/18	75.05	---	33.90	---	41.15
GMW-40	05/28/96	73.13	---	26.00	---	47.13
GMW-40	11/20/96	73.13	---	26.74	---	46.39
GMW-40	07/01/97	73.13	---	27.43	---	45.70
GMW-40	12/31/97	73.13	---	26.66	---	46.47
GMW-40	05/01/98	73.13	---	24.03	---	49.10
GMW-40	05/25/99	73.13	---	24.84	---	48.29
GMW-40	05/15/00	73.13	---	25.65	---	47.48
GMW-40	11/13/00	73.13	---	26.21	---	46.92
GMW-40	05/07/01	73.13	---	24.26	---	48.87
GMW-40	04/08/02	73.13	---	25.14	---	47.99
GMW-40	10/21/02	73.13	---	25.49	---	47.64
GMW-40	04/07/03	73.13	---	24.60	---	48.53
GMW-40	10/06/03	73.13	---	25.02	---	48.11
GMW-40	04/19/04	73.13	---	26.59	---	46.54
GMW-40	11/05/04	73.13	---	24.10	---	49.03
GMW-40	05/02/05	73.13	---	21.17	---	51.96
GMW-40	05/01/06	73.13	---	22.54	---	50.59
GMW-40	12/01/06	73.13	---	23.51	---	49.62
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
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-40	10/02/13	73.13	---	28.57	---	44.56
GMW-40	04/07/14	73.13	---	30.24	---	42.89
GMW-40	04/14/14	73.13	---	29.92	---	43.21
GMW-40	10/27/14	73.13	---	30.03	---	43.10
GMW-40	04/20/15	73.13	---	30.46	---	42.67
GMW-40	04/11/16	73.13	---	NM	---	NC
GMW-40	10/03/16	---	---	34.98	---	NC
GMW-40	04/20/17	73.13	---	32.80	---	40.33
GMW-40	04/16/18	---	---	NM	---	NC
GMW-41	05/28/96	74.46	---	27.01	---	47.45
GMW-41	11/20/96	74.46	---	27.92	---	46.54
GMW-41	07/01/97	74.46	---	28.31	---	46.15
GMW-41	12/31/97	74.46	---	27.81	---	46.65
GMW-41	05/01/98	74.46	---	25.10	---	49.36
GMW-41	05/25/99	74.46	---	26.02	---	48.44
GMW-41	05/15/00	74.46	---	26.69	---	47.77
GMW-41	11/13/00	74.46	---	27.32	---	47.14
GMW-41	05/07/01	74.46	---	25.45	---	49.01
GMW-41	04/08/02	74.46	---	26.36	---	48.10
GMW-41	10/21/02	74.46	---	26.85	---	47.61
GMW-41	04/07/03	74.46	---	26.15	---	48.31
GMW-41	10/06/03	74.46	---	26.22	---	48.24
GMW-41	04/19/04	74.46	---	27.64	---	46.82
GMW-41	11/01/04	74.46	---	27.54	---	46.92
GMW-41	05/02/05	74.46	---	22.28	---	52.18
GMW-41	05/01/06	74.46	---	23.87	---	50.59
GMW-41	12/01/06	74.46	---	24.71	---	49.75
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-41	04/08/13	74.46	---	29.16	---	45.30
GMW-41	10/02/13	74.46	---	29.89	---	44.57
GMW-41	04/07/14	74.46	31.05	31.07	0.02	43.41
GMW-41	04/15/14	74.46	31.05	31.14	0.09	43.39
GMW-41	10/27/14	74.46	---	30.78	---	43.68
GMW-41	04/20/15	74.46	---	31.22	---	43.24
GMW-41	04/11/16	74.46	---	NM	---	NC
GMW-41	10/03/16	---	---	35.97	---	NC
GMW-41	04/17/17	74.46	---	29.79	---	44.67
GMW-41	10/03/17	72.69	---	NM	---	NC
GMW-41	04/16/18	72.69	---	32.79	---	39.90
GMW-42	05/28/96	75.50	27.89	29.36	1.47	47.32
GMW-42	11/20/96	75.50	28.87	29.55	0.68	46.49
GMW-42	07/01/97	75.50	29.06	29.52	0.46	46.35
GMW-42	12/31/97	75.50	---	28.87	---	46.63
GMW-42	05/01/98	75.50	---	26.18	---	49.32
GMW-42	05/25/99	75.50	---	26.99	---	48.51
GMW-42	05/15/00	75.50	---	27.54	---	47.96
GMW-42	11/13/00	75.50	---	28.32	---	47.18
GMW-42	05/07/01	75.50	---	26.25	---	49.25
GMW-42	04/08/02	75.50	---	27.57	---	47.93
GMW-42	10/21/02	75.50	---	27.96	---	47.54
GMW-42	04/07/03	75.50	---	27.25	---	48.25
GMW-42	10/06/03	75.50	---	27.30	---	48.20
GMW-42	04/19/04	75.50	---	28.78	---	46.72
GMW-42	11/01/04	75.50	---	28.40	---	47.10
GMW-42	05/03/05	75.50	---	22.32	---	53.18
GMW-42	05/01/06	75.50	---	24.46	---	51.04
GMW-42	12/01/06	75.50	---	23.51	---	51.99
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-42	10/02/13	75.50	---	30.99	---	44.51
GMW-42	04/07/14	75.50	---	31.98	---	43.52
GMW-42	04/14/14	75.50	---	31.42	---	44.08
GMW-42	10/27/14	75.50	---	31.93	---	43.57
GMW-42	04/20/15	75.50	---	32.21	---	43.29
GMW-42	04/11/16	75.50	---	NM	---	NC
GMW-42	10/03/16	75.50	---	NM	---	NC
GMW-42	04/17/17	75.50	---	NM	---	NC
GMW-42	10/03/17	75.50	---	34.71	---	40.79
GMW-42	04/16/18	75.50	---	35.08	---	40.42
GMW-43	05/28/96	74.44	---	27.03	---	47.41
GMW-43	11/20/96	74.44	---	28.03	---	46.41
GMW-43	07/01/97	74.44	---	27.66	---	46.78
GMW-43	12/31/97	74.44	---	27.70	---	46.74
GMW-43	05/01/98	74.44	---	24.93	---	49.51
GMW-43	05/25/99	74.44	---	25.72	---	48.72
GMW-43	05/15/00	74.44	---	26.41	---	48.03
GMW-43	11/13/00	74.44	---	26.97	---	47.47

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-43	05/07/01	74.44	---	25.11	---	49.33
GMW-43	04/08/02	74.44	---	26.70	---	47.74
GMW-43	10/21/02	74.44	---	26.66	---	47.78
GMW-43	04/07/03	74.44	---	26.00	---	48.44
GMW-43	10/06/03	74.44	---	26.12	---	48.32
GMW-43	04/19/04	74.44	---	27.40	---	47.04
GMW-43	11/03/04	74.44	---	26.63	---	47.81
GMW-43	05/02/05	74.44	---	21.03	---	53.41
GMW-43	05/01/06	74.44	---	23.36	---	51.08
GMW-43	12/01/06	74.44	---	24.59	---	49.85
GMW-43	04/30/07	74.44	---	25.00	---	49.44
GMW-43	11/12/07	74.44	---	25.60	---	48.84
GMW-43	04/14/08	74.44	---	25.17	---	49.27
GMW-43	07/24/08	74.44	---	25.77	---	48.67
GMW-43	10/14/08	74.44	---	26.34	---	48.10
GMW-43	02/10/09	74.44	---	26.79	---	47.65
GMW-43	04/20/09	74.44	---	27.11	---	47.33
GMW-43	10/19/09	74.44	---	27.31	---	47.13
GMW-43	04/08/10	74.44	---	26.52	---	47.92
GMW-43	04/12/10	74.44	---	26.24	---	48.20
GMW-43	01/08/11	74.44	---	26.95	---	47.49
GMW-43	04/07/11	74.44	---	25.76	---	48.68
GMW-43	07/08/11	74.44	---	26.10	---	48.34
GMW-43	10/06/11	74.44	---	26.65	---	47.79
GMW-43	04/12/12	74.44	---	27.86	---	46.58
GMW-43	04/16/12	74.44	---	27.74	---	46.70
GMW-43	01/10/13	74.44	---	29.27	---	45.17
GMW-43	04/03/13	74.44	---	29.24	---	45.20
GMW-43	04/08/13	74.44	---	29.11	---	45.33
GMW-43	10/02/13	74.44	---	30.00	---	44.44
GMW-43	04/07/14	74.44	---	30.81	---	43.63
GMW-43	04/14/14	74.44	---	30.42	---	44.02
GMW-43	10/27/14	74.44	---	30.87	---	43.57
GMW-43	04/20/15	74.44	---	31.24	---	43.20
GMW-43	04/11/16	74.44	---	NM	---	NC
GMW-43	10/03/16	74.44	---	NM	---	NC
GMW-43	04/17/17	74.44	---	31.42	---	43.02
GMW-43	10/03/17	76.07	---	NM	---	NC
GMW-43	04/16/18	76.07	---	35.25	---	40.82
GMW-44	05/28/96	74.45	---	27.19	---	47.26
GMW-44	11/20/96	74.45	---	28.29	---	46.16
GMW-44	07/01/97	74.45	---	27.75	---	46.70
GMW-44	12/31/97	74.45	---	27.90	---	46.55
GMW-44	05/01/98	74.45	---	25.13	---	49.32
GMW-44	05/25/99	74.45	---	25.88	---	48.57
GMW-44	05/15/00	74.45	---	26.63	---	47.82
GMW-44	11/13/00	74.45	---	27.16	---	47.29
GMW-44	05/07/01	74.45	---	25.38	---	49.07
GMW-44	04/08/02	74.45	---	26.70	---	47.75
GMW-44	10/21/02	74.45	---	26.88	---	47.57
GMW-44	04/07/03	74.45	---	26.30	---	48.15
GMW-44	10/06/03	74.45	---	26.29	---	48.16
GMW-44	04/19/04	74.45	---	28.45	---	46.00
GMW-44	05/02/05	74.45	---	22.00	---	52.45
GMW-44	11/03/05	74.45	---	27.21	---	47.24

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-44	05/01/06	74.45	---	23.98	---	50.47
GMW-44	12/01/06	74.45	---	24.81	---	49.64
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
GMW-44	04/03/13	74.45	---	29.51	---	44.94
GMW-44	04/08/13	74.45	---	29.42	---	45.03
GMW-44	10/02/13	74.45	---	30.25	---	44.20
GMW-44	04/07/14	74.45	---	31.06	---	43.39
GMW-44	04/14/14	74.45	---	30.72	---	43.73
GMW-44	10/27/14	74.45	---	31.10	---	43.35
GMW-44	04/20/15	74.45	---	31.46	---	42.99
GMW-44	04/11/16	74.45	---	NM	---	NC
GMW-44	10/03/16	74.45	---	33.62	---	40.83
GMW-44	04/18/17	74.45	---	32.08	---	42.37
GMW-44	10/03/17	75.71	---	34.41	---	41.30
GMW-44	04/16/18	75.71	---	34.91	---	40.80
GMW-45	05/28/96	75.67	---	28.30	---	47.37
GMW-45	11/20/96	75.67	---	29.21	---	46.46
GMW-45	07/01/97	75.67	---	28.32	---	47.35
GMW-45	12/31/97	75.67	---	28.81	---	46.86
GMW-45	05/01/98	75.67	---	25.75	---	49.92
GMW-45	05/25/99	75.67	---	26.74	---	48.93
GMW-45	05/15/00	75.67	---	27.68	---	47.99
GMW-45	11/13/00	75.67	---	28.02	---	47.65
GMW-45	05/07/01	75.67	---	28.65	---	47.02
GMW-45	04/08/02	75.67	---	27.92	---	47.75
GMW-45	10/21/02	75.67	---	28.33	---	47.34
GMW-45	04/07/03	75.67	---	27.50	---	48.17
GMW-45	10/06/03	75.67	---	27.26	---	48.41
GMW-45	04/19/04	75.67	---	28.17	---	47.50
GMW-45	11/01/04	75.67	---	28.35	---	47.32
GMW-45	05/02/05	75.67	---	23.15	---	52.52
GMW-45	03/06/06	75.67	---	25.21	---	50.46
GMW-45	05/01/06	75.67	---	25.15	---	50.52
GMW-45	08/26/06	75.67	---	25.53	---	50.14
GMW-45	12/01/06	75.67	---	25.96	---	49.71
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
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-45	10/01/13	75.67	31.07	31.09	0.02	44.60
GMW-45	04/09/14	75.67	31.67	31.69	0.02	44.00
GMW-45	04/15/14	75.67	31.68	31.95	0.27	43.94
GMW-45	10/27/14	75.67	---	32.01	---	43.66
GMW-45	04/20/15	75.67	32.31	32.33	0.02	43.36
GMW-45	04/11/16	75.67	---	NM	---	NC
GMW-45	10/03/16	---	---	34.60	---	NC
GMW-45	04/19/17	75.67	33.30	34.72	1.42	42.09
GMW-45	10/02/17	75.67	---	34.57	---	41.10
GMW-45	04/16/18	75.67	33.33	34.78	1.45	NC
GMW-46	08/26/06	76.10	---	24.72	---	51.38
GMW-46	08/28/07	75.31	---	25.89	---	49.42
GMW-47	05/28/96	75.98	---	28.45	---	47.53
GMW-47	11/20/96	75.98	---	29.43	---	46.55
GMW-47	07/01/97	75.98	---	28.34	---	47.64
GMW-47	12/31/97	75.98	---	28.90	---	47.08
GMW-47	05/01/98	75.98	---	25.79	---	50.19
GMW-47	05/25/99	75.98	---	26.91	---	49.07
GMW-47	05/15/00	75.98	---	27.61	---	48.37
GMW-47	11/13/00	75.98	---	28.13	---	47.85
GMW-47	02/05/01	75.98	---	27.17	---	48.81
GMW-47	05/07/01	75.98	---	26.71	---	49.27
GMW-47	04/08/02	75.98	---	27.21	---	48.77
GMW-47	09/19/02	75.98	---	28.50	---	47.48
GMW-47	10/21/02	75.98	---	29.04	---	46.94
GMW-47	04/07/03	75.98	---	27.82	---	48.16
GMW-47	10/06/03	75.98	---	27.44	---	48.54
GMW-47	04/19/04	75.98	---	28.27	---	47.71
GMW-47	11/01/04	75.98	---	28.60	---	47.38
GMW-47	02/28/05	75.98	---	24.87	---	51.11
GMW-47	05/02/05	75.98	---	23.17	---	52.81
GMW-47	03/06/06	75.98	---	24.67	---	51.31
GMW-47	05/01/06	75.98	---	25.16	---	50.82
GMW-47	08/26/06	75.98	---	25.62	---	50.36
GMW-47	12/01/06	75.98	---	26.15	---	49.83
GMW-47	03/21/07	75.98	---	26.30	---	49.68

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
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-47	10/01/13	75.98	---	31.28	---	44.70
GMW-47	04/09/14	75.98	---	31.79	---	44.19
GMW-47	04/15/14	75.98	---	31.62	---	44.36
GMW-47	10/27/14	75.98	---	32.11	---	43.87
GMW-47	04/20/15	75.98	---	32.45	---	43.53
GMW-47	04/11/16	75.98	---	33.79	---	42.19
GMW-47	10/03/16	75.98	---	34.25	---	41.73
GMW-47	04/19/17	75.98	---	33.55	---	42.43
GMW-47	10/03/17	75.98	---	34.20	---	41.78
GMW-47	04/16/18	75.98	---	34.87	---	41.11
GMW-48	05/28/96	75.03	---	27.40	---	47.63
GMW-48	11/20/96	75.03	---	28.40	---	46.63
GMW-48	07/01/97	75.03	27.11	27.58	0.47	47.83
GMW-48	12/31/97	75.03	27.37	29.58	2.21	47.22
GMW-48	05/01/98	75.03	23.63	24.46	0.83	51.23
GMW-48	05/26/99	75.03	25.72	27.01	1.29	49.05
GMW-48	05/15/00	75.03	26.31	26.49	0.18	48.68
GMW-48	11/13/00	75.03	---	27.21	---	47.82
GMW-48	05/07/01	75.03	25.65	26.10	0.45	49.29
GMW-48	04/08/02	75.03	---	NM	---	NC
GMW-48	09/19/02	75.03	---	26.50	---	48.53
GMW-48	10/21/02	75.03	---	27.10	---	47.93
GMW-48	04/07/03	75.03	25.89	25.90	0.01	49.14
GMW-48	10/06/03	75.03	---	25.59	---	49.44
GMW-48	04/19/04	75.03	---	26.41	---	48.62
GMW-48	11/01/04	75.03	---	26.90	---	48.13
GMW-48	02/28/05	75.03	---	23.00	---	52.03
GMW-48	05/02/05	75.03	---	20.80	---	54.23
GMW-48	03/06/06	75.03	---	23.61	---	51.42
GMW-48	05/01/06	75.03	---	23.07	---	51.96

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-48	08/26/06	75.03	---	23.50	---	51.53
GMW-48	12/01/06	75.03	---	24.54	---	50.49
GMW-48	03/21/07	75.03	---	24.57	---	50.46
GMW-48	04/27/07	75.03	---	24.85	---	50.18
GMW-48	08/28/07	75.03	---	24.92	---	50.11
GMW-48	11/12/07	75.03	---	25.37	---	49.66
GMW-48	04/11/08	75.03	---	25.07	---	49.96
GMW-48	10/13/08	75.03	---	26.39	---	48.64
GMW-48	04/07/10	75.03	---	26.40	---	48.63
GMW-48	10/01/10	75.03	---	26.89	---	48.14
GMW-48	01/06/11	75.03	---	27.29	---	47.74
GMW-48	04/07/11	75.03	---	25.53	---	49.50
GMW-48	07/07/11	75.03	---	25.89	---	49.14
GMW-48	10/06/11	75.03	---	26.55	---	48.48
GMW-48	04/13/12	75.03	---	27.48	---	47.55
GMW-48	01/10/13	75.03	---	28.77	---	46.26
GMW-48	04/03/13	75.03	---	28.77	---	46.26
GMW-48	10/02/13	75.03	---	29.45	---	45.58
GMW-48	04/09/14	75.03	---	29.90	---	45.13
GMW-48	04/17/14	75.03	---	29.82	---	45.21
GMW-48	10/27/14	75.03	---	30.17	---	44.86
GMW-48	04/20/15	75.03	---	30.50	---	44.53
GMW-48	04/13/16	75.03	---	NM	---	NC
GMW-48	10/03/16	---	---	37.03	---	NC
GMW-48	04/19/17	75.03	---	36.15	---	38.88
GMW-48	10/03/17	75.03	---	36.53	---	38.50
GMW-48	04/16/18	75.03	---	37.48	---	37.55
GMW-49	07/01/97	74.75	---	NM	0.60	NC
GMW-4R	04/17/17	---	---	36.15	---	NC
GMW-4R	10/02/17	75.13	---	34.57	---	40.56
GMW-4R	04/16/18	75.13	---	34.94	---	40.19
GMW-50	05/25/99	75.51	---	26.36	---	49.15
GMW-50	05/15/00	75.51	---	27.34	---	48.17
GMW-50	05/07/01	75.51	25.95	26.26	0.31	49.50
GMW-50	04/08/02	75.51	---	NM	---	NC
GMW-50	09/19/02	75.51	---	27.82	---	47.69
GMW-50	10/21/02	75.51	---	28.70	---	46.81
GMW-50	04/07/03	75.51	---	27.00	---	48.51
GMW-50	10/06/03	75.51	---	26.83	---	48.68
GMW-50	04/19/04	75.51	---	27.66	---	47.85
GMW-50	11/01/04	75.51	---	28.11	---	47.40
GMW-50	02/28/05	75.51	---	23.80	---	51.71
GMW-50	05/02/05	75.51	---	22.42	---	53.09
GMW-50	03/06/06	75.51	---	24.53	---	50.98
GMW-50	05/01/06	75.51	---	24.63	---	50.88
GMW-50	08/26/06	75.51	---	25.10	---	50.41
GMW-50	12/01/06	75.51	---	25.61	---	49.90
GMW-50	03/21/07	75.51	---	25.75	---	49.76
GMW-50	04/27/07	75.51	---	26.17	---	49.34
GMW-50	08/28/07	75.51	---	26.15	---	49.36
GMW-50	11/12/07	75.51	---	26.58	---	48.93
GMW-50	02/05/08	75.51	---	27.24	---	48.27
GMW-50	04/11/08	75.51	---	26.32	---	49.19
GMW-50	07/24/08	75.51	---	26.97	---	48.54
GMW-50	10/13/08	75.51	---	27.67	---	47.84

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-50	02/09/09	75.51	---	27.40	---	48.11
GMW-50	07/16/09	75.51	---	27.87	---	47.64
GMW-50	04/07/10	75.51	---	27.68	---	47.83
GMW-50	10/01/10	75.51	---	28.16	---	47.35
GMW-50	01/06/11	75.51	---	28.58	---	46.93
GMW-50	04/12/12	75.51	---	29.00	---	46.51
GMW-50	04/14/16	75.51	---	33.36	---	42.15
GMW-51	05/25/99	75.93	---	26.71	---	49.22
GMW-51	05/15/00	75.93	---	27.70	---	48.23
GMW-51	11/13/00	75.93	---	27.94	---	47.99
GMW-51	05/07/01	75.93	26.43	28.44	2.01	49.10
GMW-51	04/08/02	75.93	---	NM	---	NC
GMW-51	09/19/02	75.93	---	28.22	---	47.71
GMW-51	10/21/02	75.93	---	29.13	---	46.80
GMW-51	04/07/03	75.93	---	27.55	---	48.38
GMW-51	10/06/03	75.93	---	27.15	---	48.78
GMW-51	04/19/04	75.93	---	27.99	---	47.94
GMW-51	11/01/04	75.93	---	28.47	---	47.46
GMW-51	02/28/05	75.93	---	24.24	---	51.69
GMW-51	05/02/05	75.93	---	22.61	---	53.32
GMW-51	03/06/06	75.93	---	25.02	---	50.91
GMW-51	05/01/06	75.93	---	25.04	---	50.89
GMW-51	08/26/06	75.93	---	25.51	---	50.42
GMW-51	12/01/06	75.93	---	25.98	---	49.95
GMW-51	03/21/07	75.93	---	26.12	---	49.81
GMW-51	04/27/07	75.93	---	26.54	---	49.39
GMW-51	08/28/07	75.93	---	26.50	---	49.43
GMW-51	11/12/07	75.93	---	26.95	---	48.98
GMW-51	02/05/08	75.93	---	27.59	---	48.34
GMW-51	04/11/08	75.93	---	26.69	---	49.24
GMW-51	07/24/08	75.93	---	27.15	---	48.78
GMW-51	10/13/08	75.93	---	28.05	---	47.88
GMW-51	02/09/09	75.93	---	27.49	---	48.44
GMW-51	07/16/09	75.93	---	28.15	---	47.78
GMW-51	04/07/10	75.93	---	28.08	---	47.85
GMW-51	10/01/10	75.93	---	28.49	---	47.44
GMW-51	01/06/11	75.93	---	28.96	---	46.97
GMW-51	04/12/12	75.93	---	29.41	---	46.52
GMW-52	05/25/99	75.03	---	25.73	---	49.30
GMW-52	05/15/00	75.03	---	26.33	---	48.70
GMW-52	11/13/00	75.03	---	26.99	---	48.04
GMW-52	05/07/01	75.03	---	25.15	---	49.88
GMW-52	04/08/02	75.03	---	26.61	---	48.42
GMW-52	10/21/02	75.03	---	27.15	---	47.88
GMW-52	04/07/03	75.03	---	26.34	---	48.69
GMW-52	10/06/03	75.03	---	26.21	---	48.82
GMW-52	04/19/04	75.03	---	26.97	---	48.06
GMW-52	11/01/04	75.03	---	27.62	---	47.41
GMW-52	05/02/05	75.03	---	21.16	---	53.87
GMW-52	03/06/06	75.03	---	23.95	---	51.08
GMW-52	05/01/06	75.03	---	23.95	---	51.08
GMW-52	08/26/06	75.03	---	24.40	---	50.63
GMW-52	12/01/06	75.03	---	24.92	---	50.11
GMW-52	03/21/07	75.03	---	25.17	---	49.86
GMW-52	04/30/07	75.03	---	25.38	---	49.65

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-52	08/28/07	75.03	---	25.80	---	49.23
GMW-52	11/12/07	75.03	---	25.93	---	49.10
GMW-52	02/05/08	75.03	---	26.71	---	48.32
GMW-52	04/14/08	75.03	---	25.46	---	49.57
GMW-52	07/24/08	75.03	---	25.89	---	49.14
GMW-52	10/14/08	75.03	---	26.69	---	48.34
GMW-52	02/10/09	75.03	---	26.95	---	48.08
GMW-52	07/16/09	75.03	---	27.25	---	47.78
GMW-52	04/08/10	75.03	---	26.71	---	48.32
GMW-52	10/01/10	75.03	---	27.42	---	47.61
GMW-52	01/08/11	75.03	---	27.77	---	47.26
GMW-52	04/12/12	75.03	---	28.96	---	46.07
GMW-53	05/25/99	74.90	---	25.60	---	49.30
GMW-53	05/15/00	74.90	---	26.20	---	48.70
GMW-53	05/07/01	74.90	---	25.00	---	49.90
GMW-53	04/08/02	74.90	---	26.47	---	48.43
GMW-53	10/21/02	74.90	---	27.04	---	47.86
GMW-53	04/07/03	74.90	---	26.24	---	48.66
GMW-53	10/06/03	74.90	---	26.08	---	48.82
GMW-53	04/19/04	74.90	---	26.83	---	48.07
GMW-53	11/01/04	74.90	---	27.54	---	47.36
GMW-53	05/02/05	74.90	---	21.34	---	53.56
GMW-53	03/06/06	74.90	---	23.87	---	51.03
GMW-53	05/01/06	74.90	---	23.85	---	51.05
GMW-53	08/26/06	74.90	---	24.34	---	50.56
GMW-53	12/01/06	74.90	---	24.85	---	50.05
GMW-53	03/21/07	74.90	---	24.92	---	49.98
GMW-53	04/30/07	74.90	---	25.26	---	49.64
GMW-53	08/28/07	74.90	---	25.11	---	49.79
GMW-53	11/12/07	74.90	---	25.83	---	49.07
GMW-53	02/05/08	74.90	---	26.25	---	48.65
GMW-53	04/14/08	74.90	---	25.38	---	49.52
GMW-53	10/14/08	74.90	---	26.58	---	48.32
GMW-53	02/10/09	74.90	---	26.78	---	48.12
GMW-53	07/16/09	74.90	---	27.04	---	47.86
GMW-53	04/08/10	74.90	26.83	26.84	0.01	48.07
GMW-53	10/01/10	74.90	---	27.29	---	47.61
GMW-53	01/08/11	74.90	---	27.67	---	47.23
GMW-53	04/12/12	74.90	---	28.15	---	46.75
GMW-54	11/20/96	75.16	---	NM	0.79	NC
GMW-54	07/01/97	75.16	---	NM	0.55	NC
GMW-54	12/31/97	75.16	---	NM	0.47	NC
GMW-54	05/25/99	75.16	---	26.68	---	48.48
GMW-54	05/15/00	75.16	---	27.40	---	47.76
GMW-54	11/13/00	75.16	---	26.93	---	48.23
GMW-54	05/07/01	75.16	---	25.63	---	49.53
GMW-54	04/08/02	75.16	---	27.06	---	48.10
GMW-54	10/21/02	75.16	---	27.43	---	47.73
GMW-54	04/07/03	75.16	---	26.78	---	48.38
GMW-54	10/06/03	75.16	---	26.95	---	48.21
GMW-54	04/19/04	75.16	---	28.33	---	46.83
GMW-54	11/01/04	75.16	---	28.11	---	47.05
GMW-54	05/02/05	75.16	---	22.06	---	53.10
GMW-54	05/01/06	75.16	---	24.45	---	50.71
GMW-54	12/01/06	75.16	---	25.36	---	49.80

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-54	04/30/07	75.16	---	25.74	---	49.42
GMW-54	11/12/07	75.16	---	26.35	---	48.81
GMW-54	04/11/08	75.16	---	25.91	---	49.25
GMW-54	07/24/08	75.16	---	26.05	---	49.11
GMW-54	10/14/08	75.16	---	26.94	---	48.22
GMW-54	02/10/09	75.16	---	26.78	---	48.38
GMW-54	04/08/10	75.16	---	27.25	---	47.91
GMW-54	10/01/10	75.16	---	27.68	---	47.48
GMW-54	01/07/11	75.16	---	28.14	---	47.02
GMW-54	04/12/12	75.16	---	28.36	---	46.80
GMW-54	10/02/13	75.16	---	30.50	---	44.66
GMW-54	04/07/14	75.16	---	31.62	---	43.54
GMW-54	10/27/14	75.16	---	31.43	---	43.73
GMW-54	04/20/15	75.16	---	31.84	---	43.32
GMW-54	04/11/16	75.16	---	NM	---	NC
GMW-54	10/03/16	75.16	---	NM	---	NC
GMW-54	04/19/17	75.16	---	32.80	---	42.36
GMW-54	10/03/17	74.73	---	34.15	---	40.58
GMW-54	04/16/18	74.73	---	34.39	---	40.34
GMW-55	05/25/99	74.60	---	26.11	---	48.49
GMW-55	05/15/00	74.60	---	26.83	---	47.77
GMW-55	11/13/00	74.60	---	26.36	---	48.24
GMW-55	05/07/01	74.60	---	24.91	---	49.69
GMW-55	04/08/02	74.60	---	26.43	---	48.17
GMW-55	10/21/02	74.60	---	26.85	---	47.75
GMW-55	04/07/03	74.60	---	26.22	---	48.38
GMW-55	10/06/03	74.60	---	26.35	---	48.25
GMW-55	04/19/04	74.60	---	27.77	---	46.83
GMW-55	11/01/04	74.60	---	27.59	---	47.01
GMW-55	05/02/05	74.60	---	22.33	---	52.27
GMW-55	05/01/06	74.60	---	23.94	---	50.66
GMW-55	12/01/06	74.60	---	24.78	---	49.82
GMW-55	04/30/07	74.60	---	25.11	---	49.49
GMW-55	11/12/07	74.60	---	25.89	---	48.71
GMW-55	04/11/08	74.60	---	25.46	---	49.14
GMW-55	10/14/08	74.60	---	26.38	---	48.22
GMW-55	04/20/09	74.60	---	28.31	---	46.29
GMW-55	04/08/10	74.60	---	26.66	---	47.94
GMW-55	10/01/10	74.60	---	27.15	---	47.45
GMW-55	01/07/11	74.60	---	27.61	---	46.99
GMW-55	04/12/12	74.60	---	NM	---	NC
GMW-56	05/25/99	76.50	---	27.58	---	48.92
GMW-56	05/25/99	76.52	---	27.58	---	48.94
GMW-56	05/15/00	76.52	---	28.42	---	48.10
GMW-56	11/13/00	76.52	---	28.85	---	47.67
GMW-56	05/07/01	76.52	---	27.39	---	49.13
GMW-56	04/08/02	76.52	---	28.64	---	47.88
GMW-56	10/21/02	76.52	---	29.01	---	47.51
GMW-56	04/07/03	76.52	---	28.30	---	48.22
GMW-56	10/06/03	76.52	---	28.19	---	48.33
GMW-56	04/19/04	76.52	---	29.01	---	47.51
GMW-56	11/01/04	76.50	---	29.11	---	47.39
GMW-56	05/02/05	76.52	---	24.11	---	52.41
GMW-56	03/06/06	76.52	---	25.88	---	50.64
GMW-56	05/01/06	76.52	---	25.98	---	50.54

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-56	08/26/06	76.52	---	26.31	---	50.21
GMW-56	12/01/06	76.50	---	26.75	---	49.75
GMW-56	03/21/07	76.52	---	26.85	---	49.67
GMW-56	04/27/07	76.52	---	27.23	---	49.29
GMW-56	08/28/07	76.50	---	27.33	---	49.17
GMW-56	11/12/07	76.50	---	27.70	---	48.80
GMW-56	02/05/08	76.52	---	28.25	---	48.27
GMW-56	04/11/08	76.52	---	27.55	---	48.97
GMW-56	07/24/08	76.52	---	28.02	---	48.50
GMW-56	10/13/08	76.52	---	28.71	---	47.81
GMW-56	02/09/09	76.52	---	28.59	---	47.93
GMW-56	07/16/09	76.50	---	29.03	---	47.47
GMW-56	10/19/09	76.50	---	29.34	---	47.16
GMW-56	04/07/10	76.50	---	29.08	---	47.42
GMW-56	04/12/10	76.50	---	28.71	---	47.79
GMW-56	10/01/10	76.52	---	29.28	---	47.24
GMW-56	01/06/11	76.52	---	29.46	---	47.06
GMW-56	04/07/11	76.52	---	28.24	---	48.28
GMW-56	07/07/11	76.52	---	28.45	---	48.07
GMW-56	10/07/11	76.52	---	28.98	---	47.54
GMW-56	04/12/12	76.52	---	30.04	---	46.48
GMW-56	01/10/13	76.52	---	31.05	---	45.47
GMW-56	04/02/13	76.52	---	31.04	---	45.48
GMW-56	10/01/13	76.52	---	31.78	---	44.74
GMW-56	04/09/14	76.52	---	32.40	---	44.12
GMW-56	04/14/14	76.52	---	32.28	---	44.24
GMW-56	10/27/14	76.52	---	32.77	---	43.75
GMW-56	04/20/15	76.52	---	33.10	---	43.42
GMW-56	04/11/16	76.52	---	34.33	---	42.19
GMW-56	10/03/16	76.52	---	34.73	---	41.79
GMW-56	04/17/17	76.52	---	34.19	---	42.33
GMW-56	10/02/17	76.52	---	33.32	---	43.20
GMW-56	04/16/18	76.52	---	33.90	---	42.62
GMW-57	05/25/99	76.52	---	27.52	---	49.00
GMW-57	05/25/99	76.66	---	27.49	---	49.17
GMW-57	05/15/00	76.66	---	28.17	---	48.49
GMW-57	11/13/00	76.66	---	28.76	---	47.90
GMW-57	02/05/01	76.66	---	27.58	---	49.08
GMW-57	05/07/01	76.66	---	27.21	---	49.45
GMW-57	04/08/02	76.66	---	29.13	---	47.53
GMW-57	09/19/02	76.66	---	29.02	---	47.64
GMW-57	10/21/02	76.66	---	29.68	---	46.98
GMW-57	04/07/03	76.66	---	28.33	---	48.33
GMW-57	10/10/03	76.66	---	28.04	---	48.62
GMW-57	04/19/04	76.66	---	28.76	---	47.90
GMW-57	11/01/04	76.66	---	29.20	---	47.46
GMW-57	02/28/05	76.52	---	25.51	---	51.01
GMW-57	05/02/05	76.52	---	23.73	---	52.79
GMW-57	03/06/06	76.66	---	25.71	---	50.95
GMW-57	05/01/06	76.66	---	25.92	---	50.74
GMW-57	08/26/06	76.66	---	26.35	---	50.31
GMW-57	12/01/06	76.66	---	26.82	---	49.84
GMW-57	03/21/07	76.66	---	26.92	---	49.74
GMW-57	04/27/07	76.66	---	27.35	---	49.31
GMW-57	08/28/07	76.66	---	27.42	---	49.24

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-57	11/12/07	76.66	---	27.81	---	48.85
GMW-57	02/05/08	76.66	---	28.36	---	48.30
GMW-57	04/11/08	76.66	---	27.56	---	49.10
GMW-57	07/24/08	76.66	---	28.14	---	48.52
GMW-57	10/13/08	76.66	---	28.86	---	47.80
GMW-57	02/09/09	76.66	---	28.72	---	47.94
GMW-57	04/20/09	76.66	---	28.33	---	48.33
GMW-57	07/16/09	76.66	---	28.87	---	47.79
GMW-57	07/21/09	76.66	---	28.90	---	47.76
GMW-57	10/19/09	76.66	---	29.30	---	47.36
GMW-57	01/11/10	76.66	---	29.93	---	46.73
GMW-57	04/07/10	76.66	---	29.05	---	47.61
GMW-57	04/12/10	76.66	---	28.55	---	48.11
GMW-57	01/06/11	76.66	---	29.87	---	46.79
GMW-57	04/07/11	76.66	---	28.13	---	48.53
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
GMW-57	10/01/13	76.66	---	31.88	---	44.78
GMW-57	04/09/14	76.66	---	32.34	---	44.32
GMW-57	04/15/14	76.66	---	32.02	---	44.64
GMW-57	10/27/14	76.66	---	32.69	---	43.97
GMW-57	04/20/15	76.66	---	33.02	---	43.64
GMW-57	04/13/16	76.66	---	34.43	---	42.23
GMW-57	10/03/16	76.66	---	34.86	---	41.80
GMW-57	04/19/17	76.66	---	34.21	---	42.45
GMW-57	10/03/17	76.66	---	34.80	---	41.86
GMW-57	04/16/18	76.66	---	35.52	---	41.14
GMW-58	05/25/99	75.46	---	26.58	---	48.88
GMW-58	05/25/99	75.48	---	26.29	---	49.19
GMW-58	05/15/00	75.48	---	27.69	---	47.79
GMW-58	11/13/00	75.48	---	27.61	---	47.87
GMW-58	02/05/01	75.48	26.46	26.63	0.17	48.99
GMW-58	05/07/01	75.48	25.25	27.96	2.71	49.69
GMW-58	04/08/02	75.48	---	NM	---	NC
GMW-58	09/19/02	75.48	---	27.14	---	48.34
GMW-58	10/21/02	75.48	27.50	27.61	0.11	47.96
GMW-58	04/07/03	75.46	26.15	26.17	0.02	49.31
GMW-58	10/06/03	75.46	25.99	26.33	0.34	49.40
GMW-58	04/19/04	75.48	---	26.27	---	49.21
GMW-58	11/01/04	75.48	27.33	27.38	0.05	48.14
GMW-58	02/28/05	75.46	---	23.21	---	52.25
GMW-58	05/02/05	75.46	---	21.45	---	54.01
GMW-58	03/06/06	75.48	---	23.72	---	51.76
GMW-58	05/01/06	75.46	---	23.88	---	51.58
GMW-58	08/26/06	75.48	---	24.34	---	51.14
GMW-58	12/01/06	75.46	---	24.88	---	50.58
GMW-58	03/21/07	75.48	---	24.92	---	50.56
GMW-58	04/30/07	75.48	---	25.42	---	50.06
GMW-58	08/28/07	75.48	---	25.57	---	49.91

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-58	11/12/07	75.48	---	25.82	---	49.66
GMW-58	02/05/08	75.48	---	26.42	---	49.06
GMW-58	04/11/08	75.48	---	25.57	---	49.91
GMW-58	07/24/08	75.48	---	26.17	---	49.31
GMW-58	10/13/08	75.48	---	26.89	---	48.59
GMW-58	02/09/09	75.48	---	26.78	---	48.70
GMW-58	04/20/09	75.48	---	26.45	---	49.03
GMW-58	07/16/09	75.46	---	26.92	---	48.54
GMW-58	07/20/09	75.46	---	26.73	---	48.73
GMW-58	10/19/09	75.46	---	27.44	---	48.02
GMW-58	01/11/10	75.48	---	27.43	---	48.05
GMW-58	04/07/10	75.48	---	NM	---	NC
GMW-58	04/12/10	75.46	---	27.14	---	48.32
GMW-58	01/10/11	75.48	---	27.38	---	48.10
GMW-58	04/08/11	75.48	---	26.02	---	49.46
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-58	10/02/13	75.48	---	29.90	---	45.58
GMW-58	04/09/14	75.48	---	30.37	---	45.11
GMW-58	04/16/14	75.48	---	30.20	---	45.28
GMW-58	10/27/14	75.48	---	30.69	---	44.79
GMW-58	04/20/15	75.48	---	31.01	---	44.47
GMW-58	04/13/16	75.48	---	32.42	---	43.06
GMW-58	10/03/16	75.48	---	NM	---	NC
GMW-58	04/19/17	75.48	---	32.08	---	43.40
GMW-58	10/03/17	75.48	---	34.22	---	41.26
GMW-58	04/16/18	75.48	35.11	35.12	0.01	NC
GMW-59	05/25/99	75.28	25.68	26.87	1.19	49.36
GMW-59	05/25/99	75.28	25.68	26.92	1.24	49.35
GMW-59	05/15/00	75.28	26.18	28.35	2.17	48.67
GMW-59	11/13/00	75.28	---	27.23	---	48.05
GMW-59	05/07/01	75.28	---	NM	---	NC
GMW-59	04/08/02	75.28	---	NM	---	NC
GMW-59	09/19/02	75.28	---	26.04	---	49.24
GMW-59	10/21/02	75.28	---	26.74	---	48.54
GMW-59	04/07/03	75.28	25.59	25.60	0.01	49.69
GMW-59	10/06/03	75.28	---	25.32	---	49.96
GMW-59	04/19/04	75.28	---	26.12	---	49.16
GMW-59	11/01/04	75.28	---	26.45	---	48.83
GMW-59	02/28/05	75.28	---	22.28	---	53.00
GMW-59	05/02/05	75.28	---	20.59	---	54.69
GMW-59	03/06/06	75.28	---	22.97	---	52.31
GMW-59	05/01/06	75.28	---	23.05	---	52.23
GMW-59	08/26/06	75.28	---	23.54	---	51.74
GMW-59	12/01/06	75.28	---	24.20	---	51.08
GMW-59	03/21/07	75.28	---	24.26	---	51.02
GMW-59	04/30/07	75.28	---	24.72	---	50.56
GMW-59	08/28/07	75.28	---	24.92	---	50.36
GMW-59	11/12/07	75.28	---	24.98	---	50.30

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-59	02/05/08	75.28	---	25.98	---	49.30
GMW-59	04/11/08	75.28	---	25.06	---	50.22
GMW-59	07/24/08	75.28	---	25.49	---	49.79
GMW-59	10/13/08	75.28	---	26.19	---	49.09
GMW-59	02/09/09	75.28	---	26.05	---	49.23
GMW-59	04/20/09	75.28	---	25.70	---	49.58
GMW-59	07/16/09	75.28	---	26.20	---	49.08
GMW-59	07/20/09	75.28	---	26.55	---	48.73
GMW-59	10/19/09	75.28	---	26.93	---	48.35
GMW-59	01/11/10	75.28	---	27.20	---	48.08
GMW-59	04/07/10	75.28	---	26.12	---	49.16
GMW-59	04/12/10	75.28	---	26.15	---	49.13
GMW-59	01/06/11	75.28	---	27.18	---	48.10
GMW-59	04/07/11	75.28	---	25.20	---	50.08
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	47.73
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-59	10/01/13	75.28	---	29.35	---	45.93
GMW-59	04/09/14	75.28	---	29.65	---	45.63
GMW-59	04/17/14	75.28	---	29.65	---	45.63
GMW-59	10/27/14	75.28	---	29.92	---	45.36
GMW-59	04/20/15	75.28	---	30.26	---	45.02
GMW-59	04/13/16	75.28	---	31.77	---	43.51
GMW-59	10/03/16	75.28	---	32.24	---	43.04
GMW-59	04/19/17	75.28	---	31.45	---	43.83
GMW-59	10/03/17	75.28	---	32.03	---	43.25
GMW-59	04/16/18	75.28	---	33.22	---	42.06
GMW-60	11/01/04	76.24	---	28.70	---	47.54
GMW-60	02/28/05	76.24	---	24.90	---	51.34
GMW-60	05/02/05	76.24	---	23.04	---	53.20
GMW-60	03/06/06	76.24	---	25.30	---	50.94
GMW-60	05/01/06	76.24	---	25.54	---	50.70
GMW-60	08/26/06	76.24	---	25.87	---	50.37
GMW-60	12/01/06	76.24	---	26.34	---	49.90
GMW-60	03/21/07	76.24	---	26.75	---	49.49
GMW-60	04/27/07	76.24	---	26.94	---	49.30
GMW-60	08/28/07	76.24	---	27.03	---	49.21
GMW-60	11/12/07	76.24	---	27.41	---	48.83
GMW-60	02/05/08	76.24	---	27.92	---	48.32
GMW-60	04/11/08	76.24	---	27.05	---	49.19
GMW-60	07/24/08	76.24	---	27.64	---	48.60
GMW-60	10/13/08	76.24	---	28.46	---	47.78
GMW-60	02/09/09	76.24	---	28.27	---	47.97
GMW-60	04/20/09	76.24	---	28.21	---	48.03
GMW-60	07/16/09	76.24	---	28.37	---	47.87
GMW-60	07/20/09	76.24	---	28.61	---	47.63
GMW-60	10/19/09	76.24	---	28.81	---	47.43
GMW-60	01/11/10	76.24	---	29.53	---	46.71
GMW-60	04/07/10	76.24	---	28.54	---	47.70
GMW-60	04/12/10	76.24	---	28.04	---	48.20

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-60	01/08/11	76.24	---	29.09	---	47.15
GMW-60	04/08/11	76.24	---	27.53	---	48.71
GMW-60	07/07/11	76.24	---	28.02	---	48.22
GMW-60	10/06/11	76.24	---	28.65	---	47.59
GMW-60	01/10/12	76.24	---	28.46	---	47.78
GMW-60	04/12/12	76.24	---	29.65	---	46.59
GMW-60	04/20/12	76.24	---	29.47	---	46.77
GMW-60	01/11/13	76.24	---	30.65	---	45.59
GMW-60	04/03/13	76.24	---	30.62	---	45.62
GMW-60	04/08/13	76.24	---	31.28	---	44.96
GMW-60	10/01/13	76.24	---	31.35	---	44.89
GMW-60	04/09/14	76.24	---	31.78	---	44.46
GMW-60	04/17/14	76.24	---	31.42	---	44.82
GMW-60	10/27/14	76.24	---	32.15	---	44.09
GMW-60	04/20/15	76.24	---	32.42	---	43.82
GMW-60	04/13/16	76.24	---	33.91	---	42.33
GMW-60	10/03/16	76.24	---	34.37	---	41.87
GMW-60	04/18/17	76.24	---	32.92	---	43.32
GMW-60	10/03/17	76.24	---	34.21	---	42.03
GMW-60	04/16/18	76.24	---	35.03	---	41.21
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-61	10/02/13	75.60	---	30.70	---	44.90
GMW-61	04/09/14	75.60	---	31.11	---	44.49

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-61	04/17/14	75.60	---	30.78	---	44.82
GMW-61	10/27/14	75.60	---	31.39	---	44.21
GMW-61	04/20/15	75.60	---	31.72	---	43.88
GMW-61	04/13/16	75.60	---	33.20	---	42.40
GMW-61	10/03/16	76.24	---	33.72	---	42.52
GMW-61	04/19/17	75.60	---	33.65	---	41.95
GMW-61	10/03/17	75.60	---	33.46	---	42.14
GMW-61	04/16/18	75.60	---	34.51	---	41.09
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
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	47.50
GMW-62	04/07/11	76.34	26.89	28.57	1.68	49.11
GMW-62	07/07/11	76.34	28.03	28.14	0.11	48.29
GMW-62	10/06/11	76.34	28.45	29.39	0.94	47.70
GMW-62	01/09/12	76.34	28.97	29.02	0.05	47.36
GMW-62	04/12/12	76.34	29.58	29.68	0.10	46.74
GMW-62	04/18/12	76.34	29.40	29.46	0.06	46.93
GMW-62	01/11/13	76.34	---	30.62	---	45.72
GMW-62	04/03/13	76.34	30.42	31.36	0.94	45.73
GMW-62	04/08/13	76.34	30.35	32.13	1.78	45.63
GMW-62	10/02/13	76.34	31.00	32.33	1.33	45.07
GMW-62	04/09/14	76.34	31.02	33.50	2.48	44.82
GMW-62	04/15/14	76.34	31.02	33.71	2.69	44.78
GMW-62	10/27/14	76.34	32.14	37.77	5.63	43.07
GMW-62	04/20/15	76.34	32.97	32.98	0.01	43.37
GMW-62	04/11/16	76.34	34.39	34.40	0.01	41.95
GMW-62	10/03/16	76.34	34.72	34.73	0.01	NC
GMW-62	04/17/17	76.34	34.14	34.16	0.02	42.20
GMW-62	10/02/17	76.34	34.21	34.22	0.01	NC
GMW-62	04/16/18	76.34	35.29	35.30	0.01	NC
GMW-63	10/14/08	77.32	---	29.17	---	48.15
GMW-63	02/10/09	77.32	---	29.08	---	48.24
GMW-63	04/20/09	77.32	---	28.71	---	48.61
GMW-63	07/17/09	77.32	---	29.11	---	48.21
GMW-63	07/21/09	77.32	---	29.15	---	48.17
GMW-63	10/19/09	77.32	---	29.84	---	47.48
GMW-63	01/11/10	77.32	---	30.12	---	47.20
GMW-63	04/12/10	77.32	---	29.22	---	48.10
GMW-63	01/08/11	77.32	---	29.35	---	47.97
GMW-63	04/07/11	77.32	---	28.63	---	48.69
GMW-63	07/07/11	77.32	---	29.13	---	48.19
GMW-63	10/06/11	77.32	---	29.63	---	47.69
GMW-63	01/09/12	77.32	---	29.83	---	47.49
GMW-63	04/12/12	77.32	---	30.51	---	46.81
GMW-63	04/17/12	77.32	---	30.25	---	47.07

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-63	01/11/13	77.32	---	31.23	---	46.09
GMW-63	04/03/13	77.32	---	31.28	---	46.04
GMW-63	04/08/13	77.32	---	31.14	---	46.18
GMW-63	10/02/13	77.32	---	31.92	---	45.40
GMW-63	04/09/14	77.32	---	32.08	---	45.24
GMW-63	04/14/14	77.32	---	32.02	---	45.30
GMW-63	10/27/14	77.32	---	32.51	---	44.81
GMW-63	04/20/15	77.32	---	32.86	---	44.46
GMW-63	04/11/16	77.32	---	34.33	---	42.99
GMW-63	10/03/16	77.32	---	34.89	---	42.43
GMW-63	04/17/17	77.32	---	34.43	---	42.89
GMW-63	10/02/17	77.32	---	34.81	---	42.51
GMW-63	04/16/18	77.32	---	35.40	---	41.92
GMW-64	10/14/08	75.84	---	27.60	---	48.24
GMW-64	02/10/09	75.84	---	27.47	---	48.37
GMW-64	04/20/09	75.84	---	27.00	---	48.84
GMW-64	07/17/09	75.84	---	27.37	---	48.47
GMW-64	07/21/09	75.84	---	27.52	---	48.32
GMW-64	10/19/09	75.84	---	28.11	---	47.73
GMW-64	01/11/10	75.84	---	28.53	---	47.31
GMW-64	04/12/10	75.84	---	27.10	---	48.74
GMW-64	01/08/11	75.84	---	27.81	---	48.03
GMW-64	04/07/11	75.84	---	26.45	---	49.39
GMW-64	07/07/11	75.84	---	27.21	---	48.63
GMW-64	10/06/11	75.84	---	27.86	---	47.98
GMW-64	01/09/12	75.84	---	28.21	---	47.63
GMW-64	04/12/12	75.84	---	28.96	---	46.88
GMW-64	04/17/12	75.84	---	28.65	---	47.19
GMW-64	01/11/13	75.84	---	29.69	---	46.15
GMW-64	04/03/13	75.84	---	29.72	---	46.12
GMW-64	04/08/13	75.84	---	29.53	---	46.31
GMW-64	10/02/13	75.84	---	30.49	---	45.35
GMW-64	04/09/14	75.84	---	30.33	---	45.51
GMW-64	04/14/14	75.84	---	30.22	---	45.62
GMW-64	10/27/14	75.84	---	30.81	---	45.03
GMW-64	04/20/15	75.84	---	31.24	---	44.60
GMW-64	04/11/16	75.84	---	32.89	---	42.95
GMW-64	10/03/16	75.84	---	33.45	---	42.39
GMW-64	04/17/17	75.84	---	32.78	---	43.06
GMW-64	10/02/17	75.84	---	32.98	---	42.86
GMW-64	04/16/18	75.84	---	33.81	---	42.03
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-65	04/08/13	76.78	---	30.92	---	45.86
GMW-65	10/02/13	76.78	---	31.75	---	45.03
GMW-65	04/09/14	76.78	---	31.87	---	44.91
GMW-65	04/14/14	76.78	---	31.68	---	45.10
GMW-65	10/27/14	76.78	---	32.35	---	44.43
GMW-65	04/20/15	76.78	---	32.68	---	44.10
GMW-65	04/11/16	76.78	---	34.19	---	42.59
GMW-65	10/03/16	76.78	---	34.75	---	42.03
GMW-65	04/17/17	76.78	---	34.43	---	42.35
GMW-65	10/02/17	76.78	---	34.51	---	42.27
GMW-65	04/16/18	76.78	---	35.22	---	41.56
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
GMW-66	10/01/13	77.00	---	32.06	---	44.94
GMW-66	04/09/14	77.00	---	32.53	---	44.47
GMW-66	04/15/14	77.00	---	32.48	---	44.52
GMW-66R	10/03/16	79.23	---	37.35	---	41.88
GMW-66R	04/17/17	79.23	---	36.98	---	42.25
GMW-66R	10/03/17	79.23	---	37.34	---	41.89
GMW-66R	04/16/18	79.23	---	37.92	---	41.31
GMW-67	04/11/16	76.00	---	33.53	---	42.47
GMW-67	10/03/16	76.00	---	34.05	---	41.95
GMW-67	04/17/17	76.00	---	33.44	---	42.56
GMW-67	10/02/17	76.00	---	33.76	---	42.24
GMW-67	04/16/18	76.00	---	34.61	---	41.39
GMW-68	04/11/16	75.52	---	33.06	---	42.46
GMW-68	10/03/16	75.52	32.80	35.80	3.00	NC
GMW-68	04/17/17	75.52	32.64	33.62	0.98	42.68
GMW-68	10/02/17	75.52	33.28	33.30	0.02	NC
GMW-68	04/16/18	75.52	34.10	34.53	0.43	NC
GMW-69	04/11/16	75.31	---	32.83	---	42.48
GMW-69	10/03/16	75.31	---	33.33	---	41.98
GMW-69	04/17/17	75.31	---	32.68	---	42.63
GMW-69	10/02/17	75.31	---	32.99	---	42.32
GMW-69	04/16/18	75.31	---	33.97	---	41.34
GMW-O-1	05/28/96	71.45	---	24.16	---	47.29
GMW-O-1	11/20/96	71.45	---	24.51	---	46.94
GMW-O-1	07/01/97	71.45	---	24.93	---	46.52
GMW-O-1	12/31/97	71.45	---	24.57	---	46.88
GMW-O-1	05/01/98	71.45	---	22.51	---	48.94
GMW-O-1	02/02/99	71.45	---	21.57	---	49.88
GMW-O-1	05/05/99	71.45	---	22.20	---	49.25
GMW-O-1	08/09/99	71.45	---	22.52	---	48.93
GMW-O-1	11/15/99	71.45	---	22.68	---	48.77
GMW-O-1	02/29/00	71.45	---	22.78	---	48.67
GMW-O-1	05/15/00	71.45	---	22.75	---	48.70
GMW-O-1	08/28/00	71.45	---	23.02	---	48.43

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-1	11/13/00	71.45	---	23.26	---	48.19
GMW-O-1	02/05/01	71.45	---	23.01	---	48.44
GMW-O-1	05/07/01	71.45	---	22.39	---	49.06
GMW-O-1	09/18/01	71.45	---	21.96	---	49.49
GMW-O-1	11/05/01	71.45	---	22.18	---	49.27
GMW-O-1	01/29/02	71.45	---	22.18	---	49.27
GMW-O-1	04/08/02	71.45	---	22.51	---	48.94
GMW-O-1	07/29/02	71.45	---	22.97	---	48.48
GMW-O-1	10/21/02	71.45	---	23.14	---	48.31
GMW-O-1	01/27/03	71.45	---	23.03	---	48.42
GMW-O-1	04/07/03	71.45	---	23.11	---	48.34
GMW-O-1	07/30/03	71.45	---	22.84	---	48.61
GMW-O-1	10/06/03	71.45	---	22.76	---	48.69
GMW-O-1	01/11/04	71.45	---	23.77	---	47.68
GMW-O-1	01/27/04	71.45	---	23.06	---	48.39
GMW-O-1	04/19/04	71.45	---	23.45	---	48.00
GMW-O-1	07/19/04	71.45	---	23.45	---	48.00
GMW-O-1	02/01/05	71.45	---	23.34	---	48.11
GMW-O-1	05/02/05	71.45	---	21.02	---	50.43
GMW-O-1	08/01/05	71.45	---	20.26	---	51.19
GMW-O-1	10/31/05	71.45	---	20.21	---	51.24
GMW-O-1	02/27/06	71.45	---	20.52	---	50.93
GMW-O-1	05/01/06	71.45	---	20.59	---	50.86
GMW-O-1	09/18/06	71.45	---	20.93	---	50.52
GMW-O-1	12/04/06	71.45	---	27.16	---	44.29
GMW-O-1	03/12/07	71.45	---	21.32	---	50.13
GMW-O-1	04/30/07	71.45	---	21.40	---	50.05
GMW-O-1	08/28/07	71.45	---	22.50	---	48.95
GMW-O-1	11/12/07	71.45	---	21.79	---	49.66
GMW-O-1	02/19/08	71.45	---	27.25	---	44.20
GMW-O-1	04/14/08	71.45	---	22.15	---	49.30
GMW-O-1	08/11/08	71.45	---	22.41	---	49.04
GMW-O-1	10/13/08	71.45	---	22.45	---	49.00
GMW-O-1	04/20/09	71.45	---	22.41	---	49.04
GMW-O-1	07/20/09	71.45	---	23.15	---	48.30
GMW-O-1	10/19/09	71.45	---	23.39	---	48.06
GMW-O-1	03/15/10	71.45	---	23.90	---	47.55
GMW-O-1	05/24/10	71.45	---	23.48	---	47.97
GMW-O-1	05/28/10	71.45	---	23.47	---	47.98
GMW-O-1	10/04/10	71.45	---	23.71	---	47.74
GMW-O-1	01/10/11	71.45	---	24.14	---	47.31
GMW-O-1	04/11/11	71.45	---	23.17	---	48.28
GMW-O-1	07/11/11	71.45	---	22.88	---	48.57
GMW-O-1	10/10/11	71.45	---	22.89	---	48.56
GMW-O-1	01/09/12	71.45	---	23.35	---	48.10
GMW-O-1	04/16/12	71.45	---	23.86	---	47.59
GMW-O-1	07/09/12	71.45	---	24.19	---	47.26
GMW-O-1	10/15/12	71.45	---	24.33	---	47.12
GMW-O-1	01/14/13	71.45	---	24.88	---	46.57
GMW-O-1	04/08/13	71.45	---	25.04	---	46.41
GMW-O-1	10/07/13	71.45	---	25.72	---	45.73
GMW-O-1	04/14/14	71.45	---	26.72	---	44.73
GMW-O-1	10/27/14	71.45	---	27.28	---	44.17
GMW-O-1	04/20/15	71.45	---	28.02	---	43.43
GMW-O-1	10/19/15	71.45	---	28.98	---	42.47

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-1	03/14/16	71.45	---	30.66	---	40.79
GMW-O-1	04/11/16	71.45	---	29.71	---	41.74
GMW-O-1	06/29/16	71.45	---	30.50	---	40.95
GMW-O-1	08/22/16	71.45	---	30.61	---	40.84
GMW-O-1	10/03/16	71.45	---	31.20	---	40.25
GMW-O-1	10/03/16	71.45	---	31.20	---	40.25
GMW-O-1	04/17/17	71.45	---	29.51	---	41.94
GMW-O-1	10/02/17	71.45	---	31.20	---	40.25
GMW-O-1	04/16/18	71.45	---	31.56	---	39.89
GMW-O-2	11/20/96	72.54	---	25.33	---	47.21
GMW-O-2	07/01/97	72.54	---	25.29	---	47.25
GMW-O-2	12/31/97	72.54	---	25.32	---	47.22
GMW-O-2	05/01/98	72.54	---	23.10	---	49.44
GMW-O-2	05/05/99	72.54	---	23.15	---	49.39
GMW-O-2	08/09/99	72.54	---	23.39	---	49.15
GMW-O-2	11/15/99	72.54	---	23.62	---	48.92
GMW-O-2	05/15/00	72.54	---	23.59	---	48.95
GMW-O-2	11/13/00	72.54	---	24.11	---	48.43
GMW-O-2	05/07/01	72.54	---	23.26	---	49.28
GMW-O-2	11/05/01	72.54	---	23.25	---	49.29
GMW-O-2	04/08/02	72.54	---	23.52	---	49.02
GMW-O-2	07/29/02	72.54	---	24.13	---	48.41
GMW-O-2	10/21/02	72.54	---	24.28	---	48.26
GMW-O-2	01/14/03	72.54	---	24.23	---	48.31
GMW-O-2	01/27/03	72.54	---	24.10	---	48.44
GMW-O-2	04/07/03	72.54	---	24.05	---	48.49
GMW-O-2	07/30/03	72.54	---	23.75	---	48.79
GMW-O-2	10/06/03	72.54	---	23.75	---	48.79
GMW-O-2	01/11/04	72.54	---	24.78	---	47.76
GMW-O-2	01/27/04	72.54	---	24.09	---	48.45
GMW-O-2	04/19/04	72.54	---	24.39	---	48.15
GMW-O-2	07/19/04	72.54	---	24.39	---	48.15
GMW-O-2	02/01/05	72.54	---	24.06	---	48.48
GMW-O-2	05/02/05	72.54	---	21.40	---	51.14
GMW-O-2	08/01/05	72.54	---	20.97	---	51.57
GMW-O-2	10/31/05	72.54	---	21.22	---	51.32
GMW-O-2	02/27/06	72.54	---	23.10	---	49.44
GMW-O-2	05/01/06	72.54	---	21.59	---	50.95
GMW-O-2	09/18/06	72.54	---	22.08	---	50.46
GMW-O-2	12/04/06	72.54	---	22.21	---	50.33
GMW-O-2	03/12/07	72.54	---	22.50	---	50.04
GMW-O-2	04/30/07	72.54	---	22.53	---	50.01
GMW-O-2	08/28/07	72.54	---	22.54	---	50.00
GMW-O-2	11/12/07	72.54	---	22.96	---	49.58
GMW-O-2	02/19/08	72.54	---	23.39	---	49.15
GMW-O-2	04/14/08	72.54	---	23.24	---	49.30
GMW-O-2	08/11/08	72.54	---	23.57	---	48.97
GMW-O-2	10/13/08	72.54	---	23.64	---	48.90
GMW-O-2	04/20/09	72.54	---	23.70	---	48.84
GMW-O-2	07/20/09	72.54	---	24.40	---	48.14
GMW-O-2	10/19/09	72.54	---	24.81	---	47.73
GMW-O-2	03/15/10	72.54	---	25.10	---	47.44
GMW-O-2	05/24/10	72.54	---	24.48	---	48.06
GMW-O-2	05/28/10	72.54	---	24.43	---	48.11
GMW-O-2	10/04/10	72.54	---	24.25	---	48.29

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-2	01/10/11	72.54	---	25.13	---	47.41
GMW-O-2	04/11/11	72.54	---	24.14	---	48.40
GMW-O-2	07/11/11	72.54	---	23.80	---	48.74
GMW-O-2	10/10/11	72.54	---	23.98	---	48.56
GMW-O-2	01/09/12	72.54	---	24.50	---	48.04
GMW-O-2	04/16/12	72.54	---	24.82	---	47.72
GMW-O-2	07/09/12	72.54	---	25.21	---	47.33
GMW-O-2	10/15/12	72.54	---	25.50	---	47.04
GMW-O-2	01/14/13	72.54	---	26.02	---	46.52
GMW-O-2	04/08/13	72.54	---	26.12	---	46.42
GMW-O-2	10/07/13	72.54	---	26.80	---	45.74
GMW-O-2	04/14/14	72.54	---	27.39	---	45.15
GMW-O-2	10/27/14	72.54	---	27.90	---	44.64
GMW-O-2	04/20/15	72.54	---	28.34	---	44.20
GMW-O-2	10/19/15	72.54	---	29.07	---	43.47
GMW-O-2	03/14/16	72.54	---	30.44	---	42.10
GMW-O-2	04/11/16	72.54	---	30.20	---	42.34
GMW-O-2	06/29/16	72.54	---	30.77	---	41.77
GMW-O-2	08/22/16	72.54	---	30.79	---	41.75
GMW-O-2	10/03/16	72.54	---	31.30	---	41.24
GMW-O-2	10/03/16	72.54	---	31.30	---	41.24
GMW-O-2	04/17/17	72.54	---	30.00	---	42.54
GMW-O-2	10/02/17	72.54	---	31.39	---	41.15
GMW-O-2	04/16/18	72.54	---	31.82	---	40.72
GMW-O-3	05/28/96	72.19	---	24.19	---	48.00
GMW-O-3	11/20/96	72.19	---	24.87	---	47.32
GMW-O-3	07/01/97	72.19	---	24.77	---	47.42
GMW-O-3	12/31/97	72.19	---	24.80	---	47.39
GMW-O-3	05/01/98	72.19	---	22.06	---	50.13
GMW-O-3	02/03/99	72.19	---	22.07	---	50.12
GMW-O-3	05/07/99	72.19	---	23.11	---	49.08
GMW-O-3	08/09/99	72.19	---	23.20	---	48.99
GMW-O-3	11/15/99	72.19	---	23.40	---	48.79
GMW-O-3	02/29/00	72.19	---	23.45	---	48.74
GMW-O-3	05/15/00	72.19	---	23.36	---	48.83
GMW-O-3	08/28/00	72.19	---	23.95	---	48.24
GMW-O-3	11/13/00	72.19	---	23.90	---	48.29
GMW-O-3	02/05/01	72.19	---	23.61	---	48.58
GMW-O-3	05/07/01	72.19	---	22.81	---	49.38
GMW-O-3	09/18/01	72.19	---	22.55	---	49.64
GMW-O-3	11/05/01	72.19	---	22.90	---	49.29
GMW-O-3	01/29/02	72.19	---	23.18	---	49.01
GMW-O-3	04/08/02	72.19	---	23.18	---	49.01
GMW-O-3	07/29/02	72.39	---	24.05	---	48.34
GMW-O-3	10/21/02	72.19	---	24.07	---	48.12
GMW-O-3	01/14/03	72.19	---	23.90	---	48.29
GMW-O-3	01/27/03	72.19	---	23.75	---	48.44
GMW-O-3	04/07/03	72.19	---	23.53	---	48.66
GMW-O-3	07/30/03	72.19	---	23.35	---	48.84
GMW-O-3	10/06/03	72.19	---	23.52	---	48.67
GMW-O-3	01/11/04	72.19	---	24.67	---	47.52
GMW-O-3	01/27/04	72.19	---	23.79	---	48.40
GMW-O-3	04/19/04	72.19	---	24.08	---	48.11
GMW-O-3	07/19/04	72.19	---	24.13	---	48.06
GMW-O-3	02/01/05	72.19	---	23.52	---	48.67

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-3	05/02/05	72.19	---	20.03	---	52.16
GMW-O-3	08/01/05	72.19	---	20.18	---	52.01
GMW-O-3	10/31/05	72.19	---	20.56	---	51.63
GMW-O-3	02/27/06	72.19	---	21.04	---	51.15
GMW-O-3	05/01/06	72.19	---	21.09	---	51.10
GMW-O-3	09/18/06	72.19	---	21.84	---	50.35
GMW-O-3	12/04/06	72.19	---	22.87	---	49.32
GMW-O-3	03/12/07	72.19	---	22.22	---	49.97
GMW-O-3	04/30/07	72.19	---	22.16	---	50.03
GMW-O-3	08/28/07	72.19	---	21.87	---	50.32
GMW-O-3	11/12/07	72.19	---	22.52	---	49.67
GMW-O-3	02/19/08	72.19	---	23.10	---	49.09
GMW-O-3	04/14/08	72.19	---	22.83	---	49.36
GMW-O-3	08/11/08	72.19	---	23.26	---	48.93
GMW-O-3	08/15/08	74.93	---	NM	---	NC
GMW-O-3	10/13/08	74.93	---	23.42	---	51.51
GMW-O-3	04/20/09	72.19	---	23.18	---	49.01
GMW-O-3	07/20/09	72.19	---	24.21	---	47.98
GMW-O-3	10/19/09	72.19	---	24.49	---	47.70
GMW-O-3	03/15/10	72.19	---	24.77	---	47.42
GMW-O-3	05/24/10	72.19	---	24.00	---	48.19
GMW-O-3	05/28/10	72.19	---	23.97	---	48.22
GMW-O-3	10/04/10	72.19	---	24.43	---	47.76
GMW-O-3	01/10/11	72.19	---	25.17	---	47.02
GMW-O-3	04/11/11	72.19	---	23.49	---	48.70
GMW-O-3	07/11/11	72.19	---	23.36	---	48.83
GMW-O-3	10/10/11	72.19	---	23.70	---	48.49
GMW-O-3	01/09/12	72.19	---	24.29	---	47.90
GMW-O-3	04/16/12	72.19	---	24.72	---	47.47
GMW-O-3	07/09/12	72.19	---	25.29	---	46.90
GMW-O-3	10/15/12	72.19	---	25.33	---	46.86
GMW-O-3	01/14/13	72.19	---	26.32	---	45.87
GMW-O-3	04/08/13	72.19	---	26.19	---	46.00
GMW-O-3	10/07/13	72.19	---	26.93	---	45.26
GMW-O-3	04/14/14	72.19	---	27.40	---	44.79
GMW-O-3	10/27/14	72.19	---	27.79	---	44.40
GMW-O-3	04/20/15	72.19	---	28.21	---	43.98
GMW-O-3	10/19/15	72.19	---	28.94	---	43.25
GMW-O-3	03/14/16	72.19	---	30.60	---	41.59
GMW-O-3	04/11/16	72.19	---	30.51	---	41.68
GMW-O-3	06/29/16	72.19	---	31.10	---	41.09
GMW-O-3	08/22/16	72.19	---	31.02	---	41.17
GMW-O-3	10/03/16	72.19	---	31.45	---	40.74
GMW-O-3	10/03/16	72.19	---	31.45	---	40.74
GMW-O-3	04/17/17	72.19	---	29.40	---	42.79
GMW-O-3	10/02/17	72.19	---	31.55	---	40.64
GMW-O-3	04/16/18	72.19	---	31.94	---	40.25
GMW-O-4	05/28/96	71.95	---	23.69	---	48.26
GMW-O-4	11/20/96	71.95	---	24.37	---	47.58
GMW-O-4	07/01/97	71.95	---	23.69	---	48.26
GMW-O-4	12/31/97	71.95	---	24.25	---	47.70
GMW-O-4	05/01/98	71.95	---	20.89	---	51.06
GMW-O-4	05/06/99	71.95	---	22.33	---	49.62
GMW-O-4	08/09/99	71.95	---	22.55	---	49.40
GMW-O-4	11/15/99	71.95	---	22.91	---	49.04

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-4	05/15/00	71.95	---	27.74	---	44.21
GMW-O-4	11/13/00	71.95	---	23.38	---	48.57
GMW-O-4	05/07/01	71.95	---	21.86	---	50.09
GMW-O-4	11/05/01	71.95	---	22.29	---	49.66
GMW-O-4	04/08/02	71.95	---	22.71	---	49.24
GMW-O-4	10/21/02	71.95	---	23.56	---	48.39
GMW-O-4	04/07/03	71.95	---	29.99	---	41.96
GMW-O-4	10/06/03	71.95	---	22.75	---	49.20
GMW-O-4	01/11/04	71.95	---	24.02	---	47.93
GMW-O-4	04/19/04	71.95	---	24.44	---	47.51
GMW-O-4	05/02/05	71.95	---	18.86	---	53.09
GMW-O-4	10/31/05	71.95	---	19.91	---	52.04
GMW-O-4	05/01/06	71.95	---	20.52	---	51.43
GMW-O-4	12/04/06	71.95	---	21.17	---	50.78
GMW-O-4	04/30/07	71.95	---	21.74	---	50.21
GMW-O-4	11/12/07	71.95	---	22.10	---	49.85
GMW-O-4	04/14/08	71.95	---	22.28	---	49.67
GMW-O-4	10/13/08	71.95	---	22.93	---	49.02
GMW-O-4	04/20/09	71.95	---	25.29	---	46.66
GMW-O-4	10/19/09	71.95	---	24.14	---	47.81
GMW-O-4	05/24/10	71.95	---	23.50	---	48.45
GMW-O-4	05/28/10	71.95	---	23.47	---	48.48
GMW-O-4	10/04/10	71.95	---	23.97	---	47.98
GMW-O-4	04/11/11	71.95	---	23.00	---	48.95
GMW-O-4	10/10/11	71.95	---	23.31	---	48.64
GMW-O-4	04/16/12	71.95	---	24.45	---	47.50
GMW-O-4	07/09/12	71.95	---	NM	---	NC
GMW-O-4	10/15/12	71.95	---	25.14	---	46.81
GMW-O-4	04/08/13	71.95	---	25.88	---	46.07
GMW-O-4	10/07/13	71.95	---	26.51	---	45.44
GMW-O-4	04/14/14	71.95	---	26.98	---	44.97
GMW-O-4	10/27/14	71.95	---	27.42	---	44.53
GMW-O-4	04/20/15	71.95	---	27.79	---	44.16
GMW-O-4	10/19/15	71.95	---	28.57	---	43.38
GMW-O-4	03/14/16	71.95	---	30.55	---	41.40
GMW-O-4	04/11/16	71.95	---	29.80	---	42.15
GMW-O-4	06/29/16	71.95	---	30.30	---	41.65
GMW-O-4	08/22/16	71.95	---	30.34	---	41.61
GMW-O-4	10/03/16	71.95	---	30.90	---	41.05
GMW-O-4	10/03/16	71.95	---	30.90	---	41.05
GMW-O-4	04/17/17	71.95	---	28.90	---	43.05
GMW-O-4	10/02/17	71.95	---	30.44	---	41.51
GMW-O-4	04/16/18	71.95	---	31.13	---	40.82
GMW-O-4 (MID)	05/28/96	72.24	---	31.73	---	40.51
GMW-O-4 (MID)	11/20/96	72.24	---	31.86	---	40.38
GMW-O-4 (MID)	07/01/97	72.24	---	29.66	---	42.58
GMW-O-4 (MID)	12/31/97	72.24	---	29.41	---	42.83
GMW-O-4 (MID)	05/01/98	72.24	---	26.77	---	45.47
GMW-O-4 (MID)	05/06/99	72.24	---	27.34	---	44.90
GMW-O-4 (MID)	08/09/99	72.24	---	28.59	---	43.65
GMW-O-4 (MID)	11/15/99	72.24	---	28.91	---	43.33
GMW-O-4 (MID)	05/15/00	72.24	---	28.49	---	43.75
GMW-O-4 (MID)	11/13/00	72.24	---	29.82	---	42.42
GMW-O-4 (MID)	05/07/01	72.24	---	29.02	---	43.22
GMW-O-4 (MID)	11/05/01	72.24	---	30.00	---	42.24

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-4 (MID)	04/08/02	72.24	---	29.80	---	42.44
GMW-O-4 (MID)	10/21/02	72.24	---	31.10	---	41.14
GMW-O-4 (MID)	04/07/03	72.24	---	30.26	---	41.98
GMW-O-4 (MID)	10/06/03	72.24	---	31.12	---	41.12
GMW-O-4 (MID)	01/11/04	72.24	---	32.81	---	39.43
GMW-O-4 (MID)	04/19/04	72.24	---	37.77	---	34.47
GMW-O-4 (MID)	05/02/05	72.24	---	29.73	---	42.51
GMW-O-4 (MID)	10/31/05	72.24	---	30.04	---	42.20
GMW-O-4 (MID)	05/01/06	72.24	---	28.81	---	43.43
GMW-O-4 (MID)	12/04/06	72.24	---	29.09	---	43.15
GMW-O-4 (MID)	04/30/07	72.24	---	28.95	---	43.29
GMW-O-4 (MID)	11/12/07	72.24	---	29.34	---	42.90
GMW-O-4 (MID)	04/14/08	72.24	---	30.10	---	42.14
GMW-O-4 (MID)	10/13/08	72.24	---	31.40	---	40.84
GMW-O-4 (MID)	04/20/09	72.24	---	31.15	---	41.09
GMW-O-4 (MID)	10/19/09	72.24	---	32.71	---	39.53
GMW-O-4 (MID)	05/24/10	72.24	---	31.92	---	40.32
GMW-O-4 (MID)	05/28/10	72.24	---	31.95	---	40.29
GMW-O-4 (MID)	04/11/11	72.24	---	31.03	---	41.21
GMW-O-4 (MID)	10/10/11	72.24	---	31.36	---	40.88
GMW-O-4 (MID)	04/16/12	72.24	---	31.35	---	40.89
GMW-O-4 (MID)	07/09/12	72.24	---	NM	---	NC
GMW-O-4 (MID)	10/15/12	72.24	---	32.25	---	39.99
GMW-O-4 (MID)	04/08/13	72.24	---	32.81	---	39.43
GMW-O-4 (MID)	08/22/16	72.24	---	37.57	---	34.67
GMW-O-5	05/28/96	72.36	---	24.10	---	48.26
GMW-O-5	11/20/96	72.36	---	24.88	---	47.48
GMW-O-5	07/01/97	72.36	---	24.13	---	48.23
GMW-O-5	12/31/97	72.36	---	24.72	---	47.64
GMW-O-5	05/01/98	72.36	---	21.22	---	51.14
GMW-O-5	02/03/99	72.36	---	22.11	---	50.25
GMW-O-5	05/03/99	72.36	---	22.90	---	49.46
GMW-O-5	08/09/99	72.36	---	23.14	---	49.22
GMW-O-5	11/15/99	72.36	---	23.50	---	48.86
GMW-O-5	02/29/00	72.36	---	23.55	---	48.81
GMW-O-5	05/15/00	72.36	---	23.33	---	49.03
GMW-O-5	08/28/00	72.36	---	23.95	---	48.41
GMW-O-5	11/13/00	72.36	---	23.98	---	48.38
GMW-O-5	02/05/01	72.36	---	23.66	---	48.70
GMW-O-5	05/07/01	72.36	---	22.32	---	50.04
GMW-O-5	09/18/01	72.36	---	22.47	---	49.89
GMW-O-5	11/05/01	72.36	---	22.79	---	49.57
GMW-O-5	01/29/02	72.36	---	22.83	---	49.53
GMW-O-5	04/08/02	72.36	---	23.25	---	49.11
GMW-O-5	10/21/02	72.36	---	24.10	---	48.26
GMW-O-5	01/14/03	72.36	---	23.98	---	48.38
GMW-O-5	04/07/03	72.36	---	23.45	---	48.91
GMW-O-5	10/06/03	72.36	---	23.28	---	49.08
GMW-O-5	01/11/04	72.36	---	24.57	---	47.79
GMW-O-5	04/19/04	72.36	---	23.94	---	48.42
GMW-O-5	05/02/05	72.36	---	19.09	---	53.27
GMW-O-5	10/31/05	72.36	---	20.41	---	51.95
GMW-O-5	05/01/06	72.36	---	20.96	---	51.40
GMW-O-5	12/04/06	72.36	---	21.86	---	50.50
GMW-O-5	04/30/07	72.36	---	22.18	---	50.18

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-5	08/29/07	72.36	---	28.19	---	44.17
GMW-O-5	11/12/07	72.36	---	22.61	---	49.75
GMW-O-5	04/14/08	72.36	---	22.72	---	49.64
GMW-O-5	10/13/08	72.36	---	23.42	---	48.94
GMW-O-5	04/20/09	72.36	---	23.34	---	49.02
GMW-O-5	10/19/09	72.36	---	25.21	---	47.15
GMW-O-5	05/24/10	72.36	---	24.02	---	48.34
GMW-O-5	05/28/10	72.36	---	23.90	---	48.46
GMW-O-5	10/04/10	72.36	---	24.52	---	47.84
GMW-O-5	04/11/11	72.36	---	23.46	---	48.90
GMW-O-5	10/10/11	72.36	---	23.93	---	48.43
GMW-O-5	04/16/12	72.36	---	29.00	---	43.36
GMW-O-5	07/09/12	72.36	---	NM	---	NC
GMW-O-5	10/15/12	72.36	---	25.68	---	46.68
GMW-O-5	04/08/13	72.36	---	26.50	---	45.86
GMW-O-5	10/07/13	72.36	---	27.00	---	45.36
GMW-O-5	04/14/14	72.36	---	27.53	---	44.83
GMW-O-5	10/27/14	72.36	---	27.95	---	44.41
GMW-O-5	04/20/15	72.36	---	28.31	---	44.05
GMW-O-5	10/19/15	72.36	---	29.09	---	43.27
GMW-O-5	03/14/16	72.36	---	30.98	---	41.38
GMW-O-5	04/11/16	72.36	---	30.30	---	42.06
GMW-O-5	06/29/16	72.36	---	30.13	---	42.23
GMW-O-5	08/22/16	72.36	---	31.01	---	41.35
GMW-O-5	10/03/16	72.36	---	31.43	---	40.93
GMW-O-5	10/03/16	72.36	---	31.43	---	40.93
GMW-O-5	04/17/17	72.36	---	29.23	---	43.13
GMW-O-5	10/02/17	72.36	---	31.08	---	41.28
GMW-O-5	04/16/18	72.36	---	31.75	---	40.61
GMW-O-6	05/28/96	71.41	---	23.19	---	48.22
GMW-O-6	11/20/96	71.41	---	23.59	---	47.82
GMW-O-6	07/01/97	71.41	---	23.28	---	48.13
GMW-O-6	12/31/97	71.41	---	23.78	---	47.63
GMW-O-6	05/01/98	71.41	---	20.81	---	50.60
GMW-O-6	05/05/99	71.41	---	21.24	---	50.17
GMW-O-6	08/09/99	71.41	---	21.58	---	49.83
GMW-O-6	11/15/99	71.41	---	21.98	---	49.43
GMW-O-6	05/15/00	71.41	---	21.86	---	49.55
GMW-O-6	11/13/00	71.41	---	27.25	---	44.16
GMW-O-6	05/07/01	71.41	---	21.23	---	50.18
GMW-O-6	11/05/01	71.41	---	21.55	---	49.86
GMW-O-6	04/08/02	71.41	---	21.95	---	49.46
GMW-O-6	10/21/02	71.41	---	22.67	---	48.74
GMW-O-6	01/14/03	71.41	---	22.82	---	48.59
GMW-O-6	04/07/03	71.41	---	22.49	---	48.92
GMW-O-6	10/06/03	71.41	---	22.02	---	49.39
GMW-O-6	01/11/04	71.41	---	23.01	---	48.40
GMW-O-6	04/19/04	71.41	---	22.69	---	48.72
GMW-O-6	05/02/05	71.41	---	19.45	---	51.96
GMW-O-6	10/31/05	71.41	---	19.74	---	51.67
GMW-O-6	05/01/06	71.41	---	20.33	---	51.08
GMW-O-6	12/04/06	71.41	---	20.89	---	50.52
GMW-O-6	04/30/07	71.41	---	21.23	---	50.18
GMW-O-6	11/12/07	71.41	---	21.55	---	49.86
GMW-O-6	04/14/08	71.41	---	21.63	---	49.78

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-6	10/13/08	71.41	---	22.20	---	49.21
GMW-O-6	04/20/09	71.41	---	22.18	---	49.23
GMW-O-6	10/19/09	71.41	---	22.98	---	48.43
GMW-O-6	05/24/10	71.41	---	22.77	---	48.64
GMW-O-6	05/28/10	71.41	---	22.94	---	48.47
GMW-O-6	10/04/10	71.41	---	23.15	---	48.26
GMW-O-6	04/11/11	71.41	---	22.48	---	48.93
GMW-O-6	10/10/11	71.41	---	22.45	---	48.96
GMW-O-6	04/16/12	71.41	---	23.18	---	48.23
GMW-O-6	07/09/12	71.41	---	NM	---	NC
GMW-O-6	10/15/12	71.41	---	23.41	---	48.00
GMW-O-6	04/08/13	71.41	---	24.36	---	47.05
GMW-O-6	10/07/13	71.41	---	25.31	---	46.10
GMW-O-6	04/28/14	71.41	---	25.98	---	45.43
GMW-O-6	10/27/14	71.41	---	26.27	---	45.14
GMW-O-6	04/20/15	71.41	---	26.10	---	45.31
GMW-O-6	10/19/15	71.41	---	27.50	---	43.91
GMW-O-6	04/11/16	71.41	---	28.41	---	43.00
GMW-O-6	10/03/16	71.41	---	29.00	---	42.41
GMW-O-6	10/03/16	71.41	---	29.00	---	42.41
GMW-O-6	04/17/17	71.41	---	28.60	---	42.81
GMW-O-6	10/02/17	71.41	---	29.11	---	42.30
GMW-O-6	04/16/18	71.41	---	29.63	---	41.78
GMW-O-7	05/07/99	70.98	---	20.17	---	50.81
GMW-O-7	08/09/99	70.98	---	20.36	---	50.62
GMW-O-7	11/15/99	70.98	---	20.76	---	50.22
GMW-O-7	05/15/00	70.98	---	23.52	---	47.46
GMW-O-7	11/13/00	70.98	---	21.18	---	49.80
GMW-O-7	05/07/01	70.98	---	20.21	---	50.77
GMW-O-7	11/05/01	70.98	---	20.51	---	50.47
GMW-O-7	04/08/02	70.98	---	21.38	---	49.60
GMW-O-7	10/21/02	70.98	---	21.59	---	49.39
GMW-O-7	04/07/03	70.98	---	21.55	---	49.43
GMW-O-7	10/06/03	70.98	---	21.20	---	49.78
GMW-O-7	01/11/04	70.98	---	22.16	---	48.82
GMW-O-7	04/19/04	70.98	---	21.75	---	49.23
GMW-O-7	05/02/05	70.98	---	18.83	---	52.15
GMW-O-7	10/31/05	70.98	---	19.16	---	51.82
GMW-O-7	05/01/06	70.98	---	19.42	---	51.56
GMW-O-7	12/04/06	70.98	---	19.92	---	51.06
GMW-O-7	04/30/07	70.98	---	20.32	---	50.66
GMW-O-7	11/12/07	70.98	---	20.93	---	50.05
GMW-O-7	10/13/08	70.98	---	21.43	---	49.55
GMW-O-7	04/20/09	70.98	---	21.49	---	49.49
GMW-O-7	10/19/09	70.98	---	21.91	---	49.07
GMW-O-7	05/24/10	70.98	---	21.90	---	49.08
GMW-O-7	05/28/10	70.98	---	21.95	---	49.03
GMW-O-7	10/04/10	70.98	---	22.25	---	48.73
GMW-O-7	04/11/11	70.98	---	21.59	---	49.39
GMW-O-7	10/10/11	70.98	---	21.70	---	49.28
GMW-O-7	04/16/12	70.98	---	22.40	---	48.58
GMW-O-7	07/09/12	70.98	---	NM	---	NC
GMW-O-7	10/15/12	70.98	---	22.83	---	48.15
GMW-O-7	04/08/13	70.98	---	23.90	---	47.08
GMW-O-7	10/07/13	70.98	---	24.12	---	46.86

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-7	04/14/14	70.98	---	24.90	---	46.08
GMW-O-7	10/27/14	70.98	---	25.59	---	45.39
GMW-O-7	04/20/15	70.98	---	26.09	---	44.89
GMW-O-7	10/19/15	70.98	---	26.63	---	44.35
GMW-O-7	04/11/16	70.98	---	27.40	---	43.58
GMW-O-7	10/03/16	70.98	---	28.10	---	42.88
GMW-O-7	10/03/16	70.98	---	28.10	---	42.88
GMW-O-7	04/17/17	70.98	---	28.40	---	42.58
GMW-O-7	10/02/17	70.98	---	28.18	---	42.80
GMW-O-7	04/16/18	70.98	---	28.61	---	42.37
GMW-O-8	05/28/96	70.91	---	23.35	---	47.56
GMW-O-8	11/20/96	70.91	---	23.49	---	47.42
GMW-O-8	07/01/97	70.91	---	23.25	---	47.66
GMW-O-8	12/31/97	70.91	---	23.89	---	47.02
GMW-O-8	05/01/98	70.91	---	21.52	---	49.39
GMW-O-8	05/03/99	70.91	---	21.00	---	49.91
GMW-O-8	08/09/99	70.91	---	21.20	---	49.71
GMW-O-8	11/15/99	70.91	---	21.48	---	49.43
GMW-O-8	05/15/00	70.91	---	21.60	---	49.31
GMW-O-8	11/13/00	70.91	---	29.81	---	41.10
GMW-O-8	05/07/01	70.91	---	21.30	---	49.61
GMW-O-8	11/05/01	70.91	---	21.13	---	49.78
GMW-O-8	04/08/02	70.91	---	21.36	---	49.55
GMW-O-8	10/21/02	70.91	---	22.00	---	48.91
GMW-O-8	01/14/03	70.91	---	22.25	---	48.66
GMW-O-8	04/07/03	70.91	---	22.19	---	48.72
GMW-O-8	10/06/03	70.91	---	21.76	---	49.15
GMW-O-8	01/11/04	70.91	---	22.58	---	48.33
GMW-O-8	04/19/04	70.91	---	22.33	---	48.58
GMW-O-8	05/02/05	70.91	---	20.09	---	50.82
GMW-O-8	10/31/05	70.91	---	19.38	---	51.53
GMW-O-8	05/01/06	70.91	---	19.77	---	51.14
GMW-O-8	12/04/06	70.91	---	20.17	---	50.74
GMW-O-8	04/30/07	70.91	---	20.54	---	50.37
GMW-O-8	11/12/07	70.91	---	20.91	---	50.00
GMW-O-8	04/14/08	70.91	---	21.27	---	49.64
GMW-O-8	10/13/08	70.91	---	21.57	---	49.34
GMW-O-8	04/20/09	70.91	---	21.80	---	49.11
GMW-O-8	10/19/09	70.91	---	22.41	---	48.50
GMW-O-8	05/24/10	70.91	---	22.50	---	48.41
GMW-O-8	05/28/10	70.91	---	22.41	---	48.50
GMW-O-8	10/04/10	70.91	---	22.60	---	48.31
GMW-O-8	04/11/11	70.91	---	22.24	---	48.67
GMW-O-8	10/10/11	70.91	---	21.71	---	49.20
GMW-O-8	04/16/12	70.91	---	22.54	---	48.37
GMW-O-8	07/09/12	70.91	---	NM	---	NC
GMW-O-8	10/15/12	70.91	---	22.87	---	48.04
GMW-O-8	04/08/13	70.91	---	23.64	---	47.27
GMW-O-8	10/07/13	70.91	---	24.53	---	46.38
GMW-O-8	04/14/14	70.91	---	25.21	---	45.70
GMW-O-8	10/27/14	70.91	---	25.74	---	45.17
GMW-O-8	04/20/15	70.91	---	26.39	---	44.52
GMW-O-8	10/19/15	70.91	---	27.53	---	43.38
GMW-O-8	04/11/16	70.91	---	28.47	---	42.44
GMW-O-8	10/03/16	70.91	---	29.51	---	41.40

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-8	10/03/16	70.91	---	29.51	---	41.40
GMW-O-8	04/17/17	70.91	---	29.20	---	41.71
GMW-O-8	10/02/17	70.91	---	29.85	---	41.06
GMW-O-8	04/16/18	70.91	---	30.23	---	40.68
GMW-O-9	05/28/96	73.50	---	25.93	---	47.57
GMW-O-9	11/20/96	73.50	---	26.53	---	46.97
GMW-O-9	07/01/97	73.50	---	26.90	---	46.60
GMW-O-9	12/31/97	73.50	---	26.30	---	47.20
GMW-O-9	05/01/98	73.50	---	24.05	---	49.45
GMW-O-9	05/04/99	73.50	---	24.39	---	49.11
GMW-O-9	08/09/99	73.50	---	24.96	---	48.54
GMW-O-9	11/15/99	73.50	---	24.91	---	48.59
GMW-O-9	05/15/00	73.50	---	24.93	---	48.57
GMW-O-9	11/13/00	73.50	---	25.61	---	47.89
GMW-O-9	05/07/01	73.50	---	24.54	---	48.96
GMW-O-9	11/05/01	73.50	---	24.55	---	48.95
GMW-O-9	04/08/02	73.50	---	30.07	---	43.43
GMW-O-9	10/21/02	73.50	---	25.62	---	47.88
GMW-O-9	04/07/03	73.50	---	25.13	---	48.37
GMW-O-9	10/06/03	73.50	---	24.92	---	48.58
GMW-O-9	01/11/04	73.50	---	26.12	---	47.38
GMW-O-9	04/19/04	73.50	---	25.74	---	47.76
GMW-O-9	05/02/05	73.50	---	22.61	---	50.89
GMW-O-9	10/31/05	73.50	---	22.14	---	51.36
GMW-O-9	05/05/06	73.50	---	23.61	---	49.89
GMW-O-9	12/04/06	73.50	---	23.84	---	49.66
GMW-O-9	04/30/07	73.50	---	23.52	---	49.98
GMW-O-9	11/12/07	73.50	---	23.94	---	49.56
GMW-O-9	04/14/08	73.50	---	24.31	---	49.19
GMW-O-9	10/13/08	73.50	---	24.71	---	48.79
GMW-O-9	04/20/09	73.50	---	24.86	---	48.64
GMW-O-9	10/19/09	73.50	---	25.86	---	47.64
GMW-O-9	05/24/10	73.50	---	25.57	---	47.93
GMW-O-9	05/28/10	73.50	---	25.50	---	48.00
GMW-O-9	10/04/10	73.50	---	25.89	---	47.61
GMW-O-9	01/10/11	73.50	---	26.69	---	46.81
GMW-O-9	04/11/11	73.50	---	25.17	---	48.33
GMW-O-9	07/11/11	73.50	---	NM	---	NC
GMW-O-9	10/10/11	73.50	---	25.16	---	48.34
GMW-O-9	01/09/12	73.50	---	26.02	---	47.48
GMW-O-9	04/16/12	73.50	---	26.13	---	47.37
GMW-O-9	07/09/12	73.50	---	26.91	---	46.59
GMW-O-9	10/15/12	73.50	---	26.74	---	46.76
GMW-O-9	01/14/13	73.50	---	26.82	---	46.68
GMW-O-9	04/08/13	73.50	---	27.63	---	45.87
GMW-O-9	10/07/13	73.50	---	28.31	---	45.19
GMW-O-9	04/14/14	73.50	---	28.81	---	44.69
GMW-O-9	10/27/14	73.50	---	29.24	---	44.26
GMW-O-9	04/20/15	73.50	---	29.75	---	43.75
GMW-O-9	10/19/15	73.50	---	30.33	---	43.17
GMW-O-9	03/14/16	73.50	---	31.88	---	41.62
GMW-O-9	04/11/16	73.50	---	31.62	---	41.88
GMW-O-9	06/29/16	73.50	---	31.41	---	42.09
GMW-O-9	08/22/16	73.50	---	32.66	---	40.84
GMW-O-9	10/03/16	73.50	---	33.03	---	40.47

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-9	10/03/16	73.50	---	33.03	---	40.47
GMW-O-9	04/17/17	73.50	---	31.25	---	42.25
GMW-O-9	10/02/17	73.50	---	33.25	---	40.25
GMW-O-9	04/16/18	73.50	---	33.56	---	39.94
GMW-O-10	05/28/96	73.98	---	26.49	---	47.49
GMW-O-10	11/20/96	73.98	---	27.10	---	46.88
GMW-O-10	07/01/97	73.98	---	28.23	---	45.75
GMW-O-10	12/31/97	73.98	---	27.94	---	46.04
GMW-O-10	05/01/98	73.98	---	24.56	---	49.42
GMW-O-10	05/07/99	73.98	---	25.10	---	48.88
GMW-O-10	08/09/99	73.98	---	26.10	---	47.88
GMW-O-10	11/15/99	73.98	---	25.67	---	48.31
GMW-O-10	11/13/00	73.98	---	26.54	---	47.44
GMW-O-10	05/07/01	73.98	---	25.23	---	48.75
GMW-O-10	11/05/01	73.98	---	25.22	---	48.76
GMW-O-10	04/08/02	73.98	---	25.35	---	48.63
GMW-O-10	10/21/02	73.98	---	26.39	---	47.59
GMW-O-10	04/07/03	73.98	---	25.64	---	48.34
GMW-O-10	07/30/03	73.98	---	25.60	---	48.38
GMW-O-10	10/06/03	73.98	---	25.67	---	48.31
GMW-O-10	01/11/04	73.98	---	26.96	---	47.02
GMW-O-10	04/19/04	73.98	---	26.60	---	47.38
GMW-O-10	05/02/05	73.98	---	23.71	---	50.27
GMW-O-10	10/31/05	73.98	---	22.65	---	51.33
GMW-O-10	05/05/06	73.98	---	22.33	---	51.65
GMW-O-10	12/04/06	73.98	---	23.24	---	50.74
GMW-O-10	04/30/07	73.98	---	24.07	---	49.91
GMW-O-10	11/12/07	73.98	---	24.45	---	49.53
GMW-O-10	04/14/08	73.98	---	24.83	---	49.15
GMW-O-10	08/11/08	73.98	---	25.22	---	48.76
GMW-O-10	10/13/08	73.98	---	25.25	---	48.73
GMW-O-10	04/20/09	73.98	---	25.58	---	48.40
GMW-O-10	10/19/09	73.98	---	26.72	---	47.26
GMW-O-10	05/24/10	73.98	---	26.92	---	47.06
GMW-O-10	05/28/10	73.98	---	29.10	---	44.88
GMW-O-10	10/04/10	73.98	---	26.48	---	47.50
GMW-O-10	01/10/11	73.98	---	27.30	---	46.68
GMW-O-10	04/11/11	73.98	---	25.72	---	48.26
GMW-O-10	07/11/11	73.98	---	NM	---	NC
GMW-O-10	10/10/11	73.98	---	26.29	---	47.69
GMW-O-10	01/09/12	73.98	---	26.82	---	47.16
GMW-O-10	04/16/12	73.98	---	26.90	---	47.08
GMW-O-10	07/09/12	73.98	---	27.81	---	46.17
GMW-O-10	10/15/12	73.98	---	28.40	---	45.58
GMW-O-10	01/14/13	73.98	---	28.57	---	45.41
GMW-O-10	04/08/13	73.98	---	26.31	---	47.67
GMW-O-10	10/07/13	73.98	---	29.17	---	44.81
GMW-O-10	04/14/14	73.98	---	29.48	---	44.50
GMW-O-10	10/27/14	73.98	---	29.93	---	44.05
GMW-O-10	04/20/15	73.98	---	30.52	---	43.46
GMW-O-10	10/19/15	73.98	---	31.17	---	42.81
GMW-O-10	03/14/16	73.98	---	32.65	---	41.33
GMW-O-10	04/11/16	73.98	---	32.23	---	41.75
GMW-O-10	06/29/16	73.98	---	32.20	---	41.78
GMW-O-10	08/22/16	73.98	---	34.18	---	39.80

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-10	10/03/16	73.98	---	33.13	---	40.85
GMW-O-10	10/03/16	73.98	---	33.13	---	40.85
GMW-O-10	04/17/17	73.98	---	31.47	---	42.51
GMW-O-10	10/02/17	73.98	---	34.96	---	39.02
GMW-O-10	04/16/18	73.98	---	34.93	---	39.05
GMW-O-11	04/08/02	74.17	---	23.96	---	50.21
GMW-O-11	04/07/03	74.17	---	NM	---	NC
GMW-O-11	10/06/03	74.17	---	NM	---	NC
GMW-O-11	01/11/04	74.17	---	NM	---	NC
GMW-O-11	04/19/04	74.17	---	27.40	---	46.77
GMW-O-11	05/02/05	74.17	22.46	22.48	0.02	51.71
GMW-O-11	10/31/05	74.17	21.73	21.92	0.19	52.40
GMW-O-11	05/01/06	74.17	---	21.51	---	52.66
GMW-O-11	12/04/06	74.17	---	22.38	---	51.79
GMW-O-11	04/30/07	74.17	23.90	23.91	0.01	50.27
GMW-O-11	11/12/07	74.17	---	24.40	---	49.77
GMW-O-11	08/15/08	74.17	---	29.30	---	44.87
GMW-O-11	10/17/08	74.17	---	24.45	---	49.72
GMW-O-11	12/19/08	74.17	---	24.85	---	49.32
GMW-O-11	01/15/09	74.17	24.38	26.87	2.49	49.29
GMW-O-11	02/24/09	74.17	24.21	24.31	0.10	49.94
GMW-O-11	03/27/09	74.17	---	31.08	---	43.09
GMW-O-11	04/21/09	74.17	25.34	25.36	0.02	48.83
GMW-O-11	07/21/09	74.17	---	26.18	---	47.99
GMW-O-11	10/19/09	74.17	---	NM	---	NC
GMW-O-11	11/06/09	74.17	26.18	26.33	0.15	47.96
GMW-O-11	10/04/10	74.17	---	30.00	---	44.17
GMW-O-11	04/13/11	74.17	---	24.19	---	49.98
GMW-O-11	10/10/11	74.17	---	24.38	---	49.79
GMW-O-11	04/16/12	74.17	---	NM	---	NC
GMW-O-11	07/09/12	74.17	---	NM	---	NC
GMW-O-11	10/15/12	74.17	---	28.12	---	46.05
GMW-O-11	04/08/13	74.17	---	NM	---	NC
GMW-O-11	09/24/13	74.17	28.15	31.25	3.10	45.40
GMW-O-11	10/07/13	74.17	27.69	31.19	3.50	45.78
GMW-O-11	04/25/14	74.17	28.62	28.96	0.34	45.48
GMW-O-11	09/05/14	74.17	27.89	31.13	3.24	45.63
GMW-O-11	09/11/14	74.17	27.85	31.12	3.27	45.67
GMW-O-11	09/18/14	74.17	27.85	31.22	3.37	45.65
GMW-O-11	09/26/14	74.17	27.91	31.34	3.43	45.57
GMW-O-11	10/01/14	74.17	27.84	31.19	3.35	45.66
GMW-O-11	10/06/14	74.17	27.84	32.19	4.35	45.46
GMW-O-11	10/14/14	74.17	28.85	31.18	2.33	44.85
GMW-O-11	10/23/14	74.17	27.85	31.34	3.49	45.62
GMW-O-11	10/27/14	74.17	28.89	31.28	2.39	44.80
GMW-O-11	11/03/14	74.17	27.83	32.34	4.51	45.44
GMW-O-11	11/10/14	74.17	27.97	31.46	3.49	45.50
GMW-O-11	11/18/14	74.17	27.88	31.41	3.53	45.58
GMW-O-11	11/25/14	74.17	27.87	31.48	3.61	45.58
GMW-O-11	12/03/14	74.17	29.95	33.34	3.39	43.54
GMW-O-11	12/12/14	74.17	29.08	33.25	4.17	44.26
GMW-O-11	12/19/14	74.17	28.09	32.52	4.43	45.19
GMW-O-11	04/22/15	74.17	28.10	31.54	3.44	45.38
GMW-O-11	10/22/15	74.17	29.23	33.08	3.85	44.17
GMW-O-11	03/16/16	74.17	33.16	33.39	0.23	40.96

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-11	04/12/16	74.17	33.12	33.33	0.21	41.01
GMW-O-11	06/30/16	74.17	---	31.50	---	42.67
GMW-O-11	08/22/16	74.17	32.74	32.75	0.01	41.43
GMW-O-11	10/06/16	74.17	32.71	32.72	0.01	41.46
GMW-O-11	10/06/16	74.17	32.71	32.72	0.01	NC
GMW-O-11	04/17/17	74.17	29.96	30.12	0.16	44.18
GMW-O-11	10/02/17	74.17	---	33.54	---	40.63
GMW-O-11	04/16/18	74.17	---	NM	---	NC
GMW-O-12	12/31/97	73.49	25.45	31.02	5.57	46.90
GMW-O-12	05/01/98	73.49	19.94	22.69	2.75	52.99
GMW-O-12	05/04/99	73.49	22.99	24.63	1.64	50.16
GMW-O-12	08/09/99	73.49	---	NM	---	NC
GMW-O-12	11/15/99	73.49	---	NM	---	NC
GMW-O-12	05/15/00	73.49	---	NM	---	NC
GMW-O-12	11/13/00	73.49	---	0.70	---	72.79
GMW-O-12	05/07/01	73.49	---	22.28	---	51.21
GMW-O-12	05/10/01	73.49	---	24.25	---	49.24
GMW-O-12	11/05/01	73.49	---	22.63	---	50.86
GMW-O-12	04/08/02	73.49	---	23.81	---	49.68
GMW-O-12	04/07/03	73.49	---	NM	---	NC
GMW-O-12	10/06/03	73.49	---	24.82	---	48.67
GMW-O-12	01/11/04	73.49	---	NM	---	NC
GMW-O-12	04/19/04	73.49	---	26.91	---	46.58
GMW-O-12	05/02/05	73.49	---	21.79	---	51.70
GMW-O-12	10/31/05	73.49	---	26.67	---	46.82
GMW-O-12	05/01/06	73.49	---	21.80	---	51.69
GMW-O-12	12/04/06	73.49	---	22.58	---	50.91
GMW-O-12	04/30/07	73.49	---	22.81	---	50.68
GMW-O-12	11/12/07	73.49	---	23.13	---	50.36
GMW-O-12	04/14/08	73.49	---	23.36	---	50.13
GMW-O-12	10/13/08	73.49	---	24.20	---	49.29
GMW-O-12	04/20/09	73.49	---	24.21	---	49.28
GMW-O-12	10/19/09	73.49	---	25.08	---	48.41
GMW-O-12	05/24/10	73.49	---	24.80	---	48.69
GMW-O-12	05/28/10	73.49	---	24.74	---	48.75
GMW-O-12	10/04/10	73.49	25.20	25.31	0.11	48.27
GMW-O-12	01/10/11	73.49	26.32	26.42	0.10	47.15
GMW-O-12	04/11/11	73.49	---	24.04	---	49.45
GMW-O-12	07/11/11	73.49	---	NM	---	NC
GMW-O-12	10/10/11	73.49	---	24.68	---	48.81
GMW-O-12	01/09/12	73.49	---	25.12	---	48.37
GMW-O-12	04/16/12	73.49	---	25.40	---	48.09
GMW-O-12	07/09/12	73.49	---	26.96	---	46.53
GMW-O-12	10/15/12	73.49	25.44	25.48	0.04	48.04
GMW-O-12	01/14/13	73.49	25.58	25.62	0.04	47.90
GMW-O-12	04/08/13	73.49	26.51	26.60	0.09	46.96
GMW-O-12	09/24/13	73.49	27.74	27.90	0.16	45.72
GMW-O-12	10/07/13	73.49	27.28	27.34	0.06	46.20
GMW-O-12	04/14/14	73.49	26.80	30.34	3.54	45.96
GMW-O-12	05/06/14	73.49	26.74	30.93	4.19	45.89
GMW-O-12	05/12/14	73.49	26.82	30.81	3.99	45.85
GMW-O-12	05/20/14	73.49	27.32	31.78	4.46	45.26
GMW-O-12	05/27/14	73.49	26.78	33.04	6.26	45.43
GMW-O-12	06/04/14	73.49	27.75	33.00	5.25	44.66
GMW-O-12	06/10/14	73.49	26.81	34.53	7.72	45.10

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-12	07/03/14	73.49	26.94	34.27	7.33	45.05
GMW-O-12	07/08/14	73.49	26.87	33.87	7.00	45.19
GMW-O-12	07/18/14	73.49	27.07	33.36	6.29	45.13
GMW-O-12	07/24/14	73.49	26.98	33.00	6.02	45.28
GMW-O-12	08/01/14	73.49	26.83	31.80	4.97	45.64
GMW-O-12	08/08/14	73.49	26.91	31.26	4.35	45.69
GMW-O-12	08/13/14	73.49	26.88	31.18	4.30	45.73
GMW-O-12	08/19/14	73.49	26.86	31.01	4.15	45.78
GMW-O-12	08/29/14	73.49	26.89	31.03	4.14	45.75
GMW-O-12	09/05/14	73.49	26.88	31.19	4.31	45.73
GMW-O-12	09/18/14	73.49	26.82	31.30	4.48	45.75
GMW-O-12	09/26/14	73.49	26.89	31.33	4.44	45.69
GMW-O-12	10/01/14	73.49	26.85	31.21	4.36	45.75
GMW-O-12	10/06/14	73.49	29.84	31.20	1.36	43.37
GMW-O-12	10/14/14	73.49	26.86	31.14	4.28	45.75
GMW-O-12	10/23/14	73.49	26.85	31.30	4.45	45.73
GMW-O-12	10/27/14	73.49	26.90	31.28	4.38	45.69
GMW-O-12	11/03/14	73.49	26.84	32.30	5.46	45.53
GMW-O-12	11/10/14	73.49	26.91	31.45	4.54	45.65
GMW-O-12	11/18/14	73.49	26.90	32.34	5.44	45.47
GMW-O-12	11/25/14	73.49	27.87	31.57	3.70	44.86
GMW-O-12	12/03/14	73.49	28.81	33.87	5.06	43.64
GMW-O-12	12/19/14	73.49	26.97	32.78	5.81	45.33
GMW-O-12	04/20/15	73.49	26.91	33.35	6.44	45.26
GMW-O-12	04/22/15	73.49	26.91	33.35	6.44	45.26
GMW-O-12	05/21/15	73.49	27.35	34.31	6.96	44.71
GMW-O-12	05/29/15	73.49	27.24	34.15	6.91	44.83
GMW-O-12	06/02/15	73.49	27.27	34.00	6.73	44.84
GMW-O-12	06/05/15	73.49	27.50	34.00	6.50	44.66
GMW-O-12	06/12/15	73.49	27.35	33.96	6.61	44.78
GMW-O-12	06/19/15	73.49	27.58	33.98	6.40	44.60
GMW-O-12	06/26/15	73.49	28.15	33.97	5.82	44.15
GMW-O-12	07/02/15	73.49	28.20	33.83	5.63	44.14
GMW-O-12	07/07/15	73.49	27.93	33.60	5.67	44.40
GMW-O-12	07/17/15	73.49	27.85	33.57	5.72	44.47
GMW-O-12	07/24/15	73.49	28.25	33.15	4.90	44.24
GMW-O-12	07/29/15	73.49	28.10	33.02	4.92	44.38
GMW-O-12	08/11/15	73.49	28.90	33.00	4.10	43.75
GMW-O-12	08/18/15	73.49	28.23	32.65	4.42	44.35
GMW-O-12	08/28/15	73.49	28.17	32.41	4.24	44.45
GMW-O-12	09/01/15	73.49	28.65	33.18	4.53	43.91
GMW-O-12	09/25/15	73.49	28.03	34.69	6.66	44.09
GMW-O-12	10/16/15	73.49	27.83	34.63	6.80	44.27
GMW-O-12	10/19/15	73.49	27.82	34.65	6.83	44.27
GMW-O-12	10/30/15	73.49	28.11	39.38	11.27	43.07
GMW-O-12	03/14/16	73.49	31.60	32.40	0.80	41.73
GMW-O-12	04/11/16	73.49	26.86	33.35	6.49	45.30
GMW-O-12	06/29/16	73.49	33.10	33.90	0.80	40.23
GMW-O-12	08/22/16	73.49	31.07	33.56	2.49	41.91
GMW-O-12	10/03/16	73.49	31.90	34.20	2.30	41.12
GMW-O-12	10/03/16	73.49	31.90	34.20	2.30	NC
GMW-O-12	04/17/17	73.49	28.70	32.90	4.20	43.93
GMW-O-12	10/02/17	73.49	32.00	33.20	1.20	NC
GMW-O-12	04/16/18	73.49	31.89	33.04	1.15	41.36
GMW-O-13	05/28/96	74.19	25.84	27.69	1.85	47.98

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-13	11/20/96	74.19	26.48	28.92	2.44	47.22
GMW-O-13	07/01/97	74.19	26.55	28.87	2.32	47.18
GMW-O-13	12/31/97	74.19	26.83	28.91	2.08	46.94
GMW-O-13	05/01/98	74.19	22.55	23.06	0.51	51.54
GMW-O-13	05/04/99	74.19	24.46	25.78	1.32	49.47
GMW-O-13	08/09/99	74.19	---	25.20	---	48.99
GMW-O-13	11/15/99	74.19	---	NM	---	NC
GMW-O-13	05/15/00	74.19	---	NM	---	NC
GMW-O-13	11/13/00	74.19	---	NM	---	NC
GMW-O-13	05/07/01	74.19	---	NM	---	NC
GMW-O-13	04/08/02	74.19	---	25.47	---	48.72
GMW-O-14	05/28/96	74.08	---	26.03	---	48.05
GMW-O-14	11/20/96	74.08	---	25.52	---	48.56
GMW-O-14	07/01/97	74.08	---	26.39	---	47.69
GMW-O-14	12/31/97	74.08	25.03	25.06	0.03	49.04
GMW-O-14	05/01/98	74.08	---	23.72	---	50.36
GMW-O-14	08/09/99	74.08	---	25.04	---	49.04
GMW-O-14	11/15/99	74.08	---	NM	---	NC
GMW-O-14	05/15/00	74.08	---	26.67	---	47.41
GMW-O-14	11/13/00	74.08	---	25.85	---	48.23
GMW-O-14	05/07/01	74.08	---	24.34	---	49.74
GMW-O-14	11/05/01	74.08	---	24.65	---	49.43
GMW-O-14	04/08/02	74.08	---	25.19	---	48.89
GMW-O-14	07/29/02	74.08	---	25.65	---	48.43
GMW-O-14	10/21/02	74.08	---	26.00	---	48.08
GMW-O-14	01/27/03	74.08	---	25.64	---	48.44
GMW-O-14	04/07/03	74.08	---	25.36	---	48.72
GMW-O-14	07/30/03	74.08	---	25.14	---	48.94
GMW-O-14	10/06/03	74.08	---	25.12	---	48.96
GMW-O-14	01/11/04	74.08	---	26.31	---	47.77
GMW-O-14	01/27/04	74.08	---	25.58	---	48.50
GMW-O-14	04/19/04	74.08	---	26.02	---	48.06
GMW-O-14	07/19/04	74.08	---	26.01	---	48.07
GMW-O-14	02/01/05	74.08	---	25.08	---	49.00
GMW-O-14	05/02/05	74.08	---	21.41	---	52.67
GMW-O-14	08/01/05	74.08	---	21.39	---	52.69
GMW-O-14	10/31/05	74.08	---	21.90	---	52.18
GMW-O-14	02/27/06	74.08	---	22.64	---	51.44
GMW-O-14	05/01/06	74.08	---	22.58	---	51.50
GMW-O-14	09/18/06	74.08	---	23.18	---	50.90
GMW-O-14	12/04/06	74.08	---	23.36	---	50.72
GMW-O-14	03/12/07	74.08	---	23.81	---	50.27
GMW-O-14	04/30/07	74.08	---	23.57	---	50.51
GMW-O-14	08/28/07	74.08	---	22.45	---	51.63
GMW-O-14	11/12/07	74.08	---	23.97	---	50.11
GMW-O-14	02/19/08	74.08	---	24.84	---	49.24
GMW-O-14	04/14/08	74.08	---	24.53	---	49.55
GMW-O-14	08/11/08	74.08	---	25.07	---	49.01
GMW-O-14	10/13/08	74.08	---	25.20	---	48.88
GMW-O-14	04/20/09	74.08	---	25.33	---	48.75
GMW-O-14	07/20/09	74.08	---	26.31	---	47.77
GMW-O-14	10/19/09	74.08	---	26.24	---	47.84
GMW-O-14	03/15/10	74.08	---	26.71	---	47.37
GMW-O-14	05/24/10	74.08	---	26.11	---	47.97
GMW-O-14	05/28/10	74.08	---	26.11	---	47.97

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-14	10/04/10	74.08	---	26.04	---	48.04
GMW-O-14	01/10/11	74.08	---	27.12	---	46.96
GMW-O-14	04/11/11	74.08	---	25.25	---	48.83
GMW-O-14	07/11/11	74.08	---	24.77	---	49.31
GMW-O-14	10/10/11	74.08	---	25.16	---	48.92
GMW-O-14	01/09/12	74.08	---	26.14	---	47.94
GMW-O-14	04/16/12	74.08	---	26.94	---	47.14
GMW-O-14	07/09/12	74.08	---	27.51	---	46.57
GMW-O-14	10/15/12	74.08	---	27.96	---	46.12
GMW-O-14	01/14/13	74.08	---	28.32	---	45.76
GMW-O-14	04/08/13	74.08	---	28.83	---	45.25
GMW-O-14	10/07/13	74.08	---	28.84	---	45.24
GMW-O-14	04/14/14	74.08	---	29.36	---	44.72
GMW-O-14	10/27/14	74.08	---	29.84	---	44.24
GMW-O-14	04/20/15	74.08	---	30.32	---	43.76
GMW-O-14	10/19/15	74.08	---	30.98	---	43.10
GMW-O-14	03/14/16	74.08	---	32.62	---	41.46
GMW-O-14	04/11/16	74.08	---	32.34	---	41.74
GMW-O-14	06/29/16	74.08	---	32.08	---	42.00
GMW-O-14	08/22/16	74.08	---	33.44	---	40.64
GMW-O-14	10/03/16	74.08	---	34.08	---	40.00
GMW-O-14	10/03/16	74.08	---	34.08	---	40.00
GMW-O-14	04/17/17	74.08	---	31.15	---	42.93
GMW-O-14	10/02/17	74.08	---	33.75	---	40.33
GMW-O-14	04/16/18	74.08	---	34.12	---	39.96
GMW-O-15	05/28/96	74.23	24.19	30.19	6.00	48.84
GMW-O-15	11/20/96	74.23	25.30	30.52	5.22	47.89
GMW-O-15	08/09/99	74.23	---	NM	---	NC
GMW-O-15	11/15/99	74.23	---	NM	---	NC
GMW-O-15	05/15/00	74.23	---	27.10	---	47.13
GMW-O-15	11/13/00	74.23	---	NM	---	NC
GMW-O-15	05/07/01	74.23	22.62	24.58	1.96	51.22
GMW-O-15	11/05/01	74.23	---	NM	---	NC
GMW-O-15	04/08/02	74.23	23.02	27.51	4.49	50.31
GMW-O-15	10/21/02	74.23	24.52	24.71	0.19	49.67
GMW-O-15	04/07/03	74.23	---	NM	---	NC
GMW-O-15	05/02/05	74.23	21.01	21.15	0.14	53.19
GMW-O-15	10/31/05	74.23	22.10	22.25	0.15	52.10
GMW-O-15	05/22/06	74.23	21.89	22.31	0.42	52.26
GMW-O-15	12/04/06	74.23	22.86	22.91	0.05	51.36
GMW-O-15	04/30/07	74.23	23.30	23.41	0.11	50.91
GMW-O-15	11/12/07	74.23	23.85	23.95	0.10	50.36
GMW-O-15	04/14/08	74.23	---	23.64	---	50.59
GMW-O-15	08/08/08	74.23	---	24.60	---	49.63
GMW-O-15	08/11/08	74.23	24.34	24.40	0.06	49.88
GMW-O-15	10/16/08	74.23	---	24.53	---	49.70
GMW-O-15	12/18/08	74.23	---	24.86	---	49.37
GMW-O-15	01/02/09	74.23	---	24.82	---	49.41
GMW-O-15	01/15/09	74.23	---	26.01	---	48.22
GMW-O-15	02/20/09	74.23	---	24.80	---	49.43
GMW-O-15	02/23/09	74.23	24.74	24.76	0.02	49.49
GMW-O-15	03/24/09	74.23	---	25.55	---	48.68
GMW-O-15	04/20/09	74.23	24.61	24.66	0.05	49.61
GMW-O-15	07/17/09	74.23	---	25.01	---	49.22
GMW-O-15	07/20/09	74.23	24.94	24.99	0.05	49.28

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-15	07/22/09	74.23	24.94	24.99	0.05	49.28
GMW-O-15	10/19/09	74.23	25.43	25.55	0.12	48.78
GMW-O-15	02/04/10	74.23	25.48	25.50	0.02	48.75
GMW-O-15	03/15/10	74.23	---	NM	---	NC
GMW-O-15	04/16/10	74.23	---	23.10	---	51.13
GMW-O-15	05/24/10	74.23	---	25.67	---	48.56
GMW-O-15	05/28/10	74.23	---	25.35	---	48.88
GMW-O-15	06/22/10	74.23	---	25.81	---	48.42
GMW-O-15	07/12/10	74.23	---	NM	---	NC
GMW-O-15	08/12/10	74.23	---	NM	---	NC
GMW-O-15	09/20/10	74.23	---	NM	---	NC
GMW-O-15	10/04/10	74.23	25.80	25.85	0.05	48.42
GMW-O-15	11/23/10	74.23	---	NM	---	NC
GMW-O-15	12/22/10	74.23	---	26.31	---	47.92
GMW-O-15	01/10/11	74.23	---	25.97	---	48.26
GMW-O-15	02/24/11	74.23	---	NM	---	NC
GMW-O-15	03/23/11	74.23	---	NM	---	NC
GMW-O-15	04/12/11	74.23	22.53	22.55	0.02	51.70
GMW-O-15	05/13/11	74.23	---	NM	---	NC
GMW-O-15	06/22/11	74.23	---	NM	---	NC
GMW-O-15	07/11/11	74.23	---	NM	---	NC
GMW-O-15	08/19/11	74.23	---	NM	---	NC
GMW-O-15	09/22/11	74.23	---	NM	---	NC
GMW-O-15	10/10/11	74.23	23.22	23.79	0.57	50.90
GMW-O-15	11/28/11	74.23	---	NM	---	NC
GMW-O-15	12/02/11	74.23	23.86	23.92	0.06	50.36
GMW-O-15	12/21/11	74.23	---	31.13	---	43.10
GMW-O-15	01/09/12	74.23	---	27.67	---	46.56
GMW-O-15	02/23/12	74.23	---	31.82	---	42.41
GMW-O-15	03/28/12	74.23	---	30.30	---	43.93
GMW-O-15	04/16/12	74.23	26.51	26.56	0.05	47.71
GMW-O-15	05/25/12	74.23	---	26.64	---	47.59
GMW-O-15	06/15/12	74.23	---	26.93	---	47.30
GMW-O-15	07/09/12	74.23	---	25.47	---	48.76
GMW-O-15	08/29/12	74.23	---	NM	---	NC
GMW-O-15	09/26/12	74.23	---	30.64	---	43.59
GMW-O-15	10/15/12	74.23	---	31.82	---	42.41
GMW-O-15	11/29/12	74.23	---	NM	---	NC
GMW-O-15	12/26/12	74.23	---	27.41	---	46.82
GMW-O-15	01/14/13	74.23	---	27.62	---	46.61
GMW-O-15	02/20/13	74.23	---	NM	---	NC
GMW-O-15	04/10/13	74.23	---	NM	---	NC
GMW-O-15	04/26/13	74.23	---	27.90	---	46.33
GMW-O-15	10/07/13	74.23	28.26	29.03	0.77	45.82
GMW-O-15	04/18/14	74.23	28.08	28.40	0.32	46.09
GMW-O-15	08/14/14	74.23	28.26	32.59	4.33	45.10
GMW-O-15	08/19/14	74.23	28.23	32.34	4.11	45.18
GMW-O-15	08/29/14	74.23	28.25	31.84	3.59	45.26
GMW-O-15	09/05/14	74.23	28.29	31.91	3.62	45.22
GMW-O-15	09/11/14	74.23	28.79	32.16	3.37	44.77
GMW-O-15	09/18/14	74.23	28.23	32.50	4.27	45.15
GMW-O-15	09/26/14	74.23	28.27	32.20	3.93	45.17
GMW-O-15	10/01/14	74.23	28.28	31.93	3.65	45.22
GMW-O-15	10/06/14	74.23	28.27	31.91	3.64	45.23
GMW-O-15	10/14/14	74.23	28.29	31.85	3.56	45.23

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-15	10/23/14	74.23	28.30	32.10	3.80	45.17
GMW-O-15	10/27/14	74.23	28.30	31.89	3.59	45.21
GMW-O-15	11/18/14	74.23	28.39	31.86	3.47	45.15
GMW-O-15	11/25/14	74.23	28.35	32.36	4.01	45.08
GMW-O-15	12/03/14	74.23	28.36	31.73	3.37	45.20
GMW-O-15	12/12/14	74.23	28.54	32.61	4.07	44.88
GMW-O-15	12/19/14	74.23	28.37	32.62	4.25	45.01
GMW-O-15	04/20/15	74.23	28.82	31.93	3.11	44.79
GMW-O-15	10/19/15	74.23	28.89	31.91	3.02	44.74
GMW-O-15	04/12/16	74.23	---	29.78	---	44.45
GMW-O-15	10/03/16	74.23	30.92	31.00	0.08	NC
GMW-O-15	10/04/16	74.23	30.92	31.00	0.08	43.29
GMW-O-15	04/20/17	74.86	29.52	29.65	0.13	45.31
GMW-O-15	10/02/17	74.23	30.33	31.92	1.59	NC
GMW-O-15	04/16/18	74.86	31.67	31.79	0.12	43.17
GMW-O-16	05/28/96	74.10	---	24.92	---	49.18
GMW-O-16	11/20/96	74.10	---	25.89	---	48.21
GMW-O-16	07/01/97	74.10	---	24.16	---	49.94
GMW-O-16	05/04/99	74.10	---	23.19	---	50.91
GMW-O-16	08/09/99	74.10	---	24.27	---	49.83
GMW-O-16	11/15/99	74.10	---	25.02	---	49.08
GMW-O-16	05/15/00	74.10	---	24.44	---	49.66
GMW-O-16	11/13/00	74.10	---	25.71	---	48.39
GMW-O-16	05/07/01	74.10	---	23.15	---	50.95
GMW-O-16	11/05/01	74.10	---	23.16	---	50.94
GMW-O-16	04/08/02	74.10	---	24.25	---	49.85
GMW-O-16	10/21/02	74.10	---	25.72	---	48.38
GMW-O-16	04/07/03	74.10	---	24.59	---	49.51
GMW-O-16	10/06/03	74.10	---	24.55	---	49.55
GMW-O-16	01/11/04	74.10	---	28.00	---	46.10
GMW-O-16	04/19/04	74.10	---	24.98	---	49.12
GMW-O-16	07/20/04	74.10	---	25.37	---	48.73
GMW-O-16	05/02/05	74.10	---	19.48	---	54.62
GMW-O-16	08/01/05	74.10	---	20.45	---	53.65
GMW-O-16	10/31/05	74.10	---	21.04	---	53.06
GMW-O-16	02/27/06	74.10	---	22.31	---	51.79
GMW-O-16	05/01/06	74.10	---	22.36	---	51.74
GMW-O-16	09/18/06	74.10	---	23.19	---	50.91
GMW-O-16	12/04/06	74.10	---	23.33	---	50.77
GMW-O-16	04/30/07	74.10	---	23.82	---	50.28
GMW-O-16	11/12/07	74.10	---	24.35	---	49.75
GMW-O-16	02/19/08	74.10	---	24.69	---	49.41
GMW-O-16	04/14/08	74.10	---	24.08	---	50.02
GMW-O-16	10/13/08	74.10	---	25.12	---	48.98
GMW-O-16	04/20/09	74.10	---	25.20	---	48.90
GMW-O-16	10/19/09	74.10	---	25.81	---	48.29
GMW-O-16	03/15/10	74.10	---	26.30	---	47.80
GMW-O-16	04/16/10	74.10	---	25.20	---	48.90
GMW-O-16	05/24/10	74.10	---	25.14	---	48.96
GMW-O-16	05/28/10	74.10	---	25.13	---	48.97
GMW-O-16	06/22/10	74.10	---	25.55	---	48.55
GMW-O-16	07/12/10	74.10	---	26.28	---	47.82
GMW-O-16	08/12/10	74.10	---	26.43	---	47.67
GMW-O-16	09/20/10	74.10	---	26.95	---	47.15
GMW-O-16	10/04/10	74.10	---	26.10	---	48.00

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-16	11/16/10	74.10	---	26.58	---	47.52
GMW-O-16	12/22/10	74.10	---	27.00	---	47.10
GMW-O-16	01/10/11	74.10	---	26.42	---	47.68
GMW-O-16	02/24/11	74.10	---	26.02	---	48.08
GMW-O-16	03/23/11	74.10	---	25.99	---	48.11
GMW-O-16	04/11/11	74.10	---	24.66	---	49.44
GMW-O-16	05/13/11	74.10	---	25.76	---	48.34
GMW-O-16	06/22/11	74.10	---	25.89	---	48.21
GMW-O-16	07/11/11	74.10	---	26.00	---	48.10
GMW-O-16	08/19/11	74.10	---	25.63	---	48.47
GMW-O-16	09/22/11	74.10	---	26.32	---	47.78
GMW-O-16	10/10/11	74.10	---	25.53	---	48.57
GMW-O-16	11/28/11	74.10	---	26.42	---	47.68
GMW-O-16	12/21/11	74.10	---	27.05	---	47.05
GMW-O-16	01/09/12	74.10	---	26.98	---	47.12
GMW-O-16	02/23/12	74.10	---	27.56	---	46.54
GMW-O-16	03/28/12	74.10	---	27.50	---	46.60
GMW-O-16	04/16/12	74.10	---	26.62	---	47.48
GMW-O-16	05/25/12	74.10	---	26.81	---	47.29
GMW-O-16	06/15/12	74.10	---	27.27	---	46.83
GMW-O-16	07/09/12	74.10	---	27.12	---	46.98
GMW-O-16	08/29/12	74.10	---	28.10	---	46.00
GMW-O-16	09/26/12	74.10	---	28.46	---	45.64
GMW-O-16	10/15/12	74.10	---	27.38	---	46.72
GMW-O-16	11/29/12	74.10	---	28.61	---	45.49
GMW-O-16	12/26/12	74.10	---	28.52	---	45.58
GMW-O-16	01/14/13	74.10	---	28.72	---	45.38
GMW-O-16	02/20/13	74.10	---	28.56	---	45.54
GMW-O-16	04/08/13	74.10	---	28.61	---	45.49
GMW-O-16	10/07/13	74.10	---	28.48	---	45.62
GMW-O-16	04/14/14	74.10	---	28.85	---	45.25
GMW-O-16	10/27/14	74.10	---	29.30	---	44.80
GMW-O-16	04/20/15	74.10	---	29.69	---	44.41
GMW-O-16	10/19/15	74.10	---	30.41	---	43.69
GMW-O-16	04/11/16	74.10	---	31.30	---	42.80
GMW-O-16	10/03/16	74.10	---	32.00	---	42.10
GMW-O-16	10/03/16	74.10	---	32.00	---	42.10
GMW-O-16	04/17/17	74.10	---	30.49	---	43.61
GMW-O-16	10/02/17	74.10	---	31.47	---	42.63
GMW-O-16	04/16/18	74.10	---	32.40	---	41.70
GMW-O-17	05/28/96	73.78	---	24.72	---	49.06
GMW-O-17	11/20/96	73.78	---	25.55	---	48.23
GMW-O-17	07/01/97	73.78	---	23.84	---	49.94
GMW-O-17	12/31/97	73.78	---	25.31	---	48.47
GMW-O-17	05/01/98	73.78	---	20.49	---	53.29
GMW-O-17	05/03/99	73.78	---	23.12	---	50.66
GMW-O-17	08/09/99	73.78	---	23.50	---	50.28
GMW-O-17	11/15/99	73.78	---	24.11	---	49.67
GMW-O-17	05/15/00	73.78	---	23.70	---	50.08
GMW-O-17	11/13/00	73.78	---	24.62	---	49.16
GMW-O-17	05/07/01	73.78	---	22.39	---	51.39
GMW-O-17	11/05/01	73.78	---	23.13	---	50.65
GMW-O-17	04/08/02	73.78	---	23.69	---	50.09
GMW-O-17	10/21/02	73.78	---	24.90	---	48.88
GMW-O-17	04/07/03	73.78	---	24.05	---	49.73

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-17	10/06/03	73.78	---	23.19	---	50.59
GMW-O-17	01/11/04	73.78	---	25.39	---	48.39
GMW-O-17	04/19/04	73.78	---	24.46	---	49.32
GMW-O-17	05/02/05	73.78	---	19.51	---	54.27
GMW-O-17	10/31/05	73.78	---	20.03	---	53.75
GMW-O-17	05/01/06	73.78	---	20.75	---	53.03
GMW-O-17	12/04/06	73.78	---	22.68	---	51.10
GMW-O-17	04/30/07	73.78	---	23.19	---	50.59
GMW-O-17	11/12/07	73.78	---	23.90	---	49.88
GMW-O-17	04/14/08	73.78	---	23.55	---	50.23
GMW-O-17	08/11/08	73.78	---	24.14	---	49.64
GMW-O-17	10/13/08	73.78	---	24.60	---	49.18
GMW-O-17	04/20/09	73.78	---	24.48	---	49.30
GMW-O-17	05/24/10	73.78	---	24.78	---	49.00
GMW-O-17	05/28/10	73.78	---	28.75	---	45.03
GMW-O-17	10/04/10	73.78	---	25.60	---	48.18
GMW-O-17	01/10/11	73.78	---	25.64	---	48.14
GMW-O-17	04/11/11	73.78	---	24.11	---	49.67
GMW-O-17	07/11/11	73.78	---	NM	---	NC
GMW-O-17	10/10/11	73.78	---	24.71	---	49.07
GMW-O-17	01/09/12	73.78	---	25.32	---	48.46
GMW-O-17	04/16/12	73.78	---	26.10	---	47.68
GMW-O-17	07/09/12	73.78	---	26.42	---	47.36
GMW-O-17	10/15/12	73.78	---	26.62	---	47.16
GMW-O-17	01/14/13	73.78	---	27.48	---	46.30
GMW-O-17	04/08/13	73.78	---	27.48	---	46.30
GMW-O-17	10/07/13	73.78	---	28.21	---	45.57
GMW-O-17	04/14/14	73.78	---	28.25	---	45.53
GMW-O-17	10/27/14	73.78	---	28.84	---	44.94
GMW-O-17	04/20/15	73.78	---	28.96	---	44.82
GMW-O-17	10/19/15	73.78	---	29.95	---	43.83
GMW-O-17	04/11/16	73.78	---	30.55	---	43.23
GMW-O-17	10/03/16	73.78	---	31.10	---	42.68
GMW-O-17	10/03/16	73.78	---	31.10	---	42.68
GMW-O-17	04/17/17	73.78	---	30.20	---	43.58
GMW-O-17	10/02/17	73.78	---	30.70	---	43.08
GMW-O-17	04/16/18	73.78	---	31.88	---	41.90
GMW-O-18	05/28/96	74.36	---	25.67	---	48.69
GMW-O-18	11/20/96	74.36	---	26.70	---	47.66
GMW-O-18	12/31/97	74.36	---	26.48	---	47.88
GMW-O-18	05/01/98	74.36	---	29.04	---	45.32
GMW-O-18	05/04/99	74.36	---	24.02	---	50.34
GMW-O-18	08/09/99	74.36	---	24.91	---	49.45
GMW-O-18	11/15/99	74.36	---	25.56	---	48.80
GMW-O-18	05/15/00	74.36	---	29.17	---	45.19
GMW-O-18	11/13/00	74.36	---	NM	---	NC
GMW-O-18	05/07/01	74.36	---	24.10	---	50.26
GMW-O-18	09/18/01	74.36	---	NM	---	NC
GMW-O-18	11/05/01	74.36	---	NM	---	NC
GMW-O-18	01/29/02	74.36	---	NM	---	NC
GMW-O-18	04/08/02	74.36	24.81	24.81	0.00	49.55
GMW-O-18	04/07/03	74.36	---	NM	---	NC
GMW-O-18	05/02/05	74.36	---	20.13	---	54.23
GMW-O-18	10/31/05	74.36	---	21.79	---	52.57
GMW-O-18	05/01/06	74.36	---	22.60	---	51.76

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-18	12/04/06	74.36	---	23.61	---	50.75
GMW-O-18	04/30/07	74.36	---	24.21	---	50.15
GMW-O-18	11/12/07	74.36	---	22.46	---	51.90
GMW-O-18	04/14/08	74.36	---	24.50	---	49.86
GMW-O-18	10/13/08	74.36	---	25.46	---	48.90
GMW-O-18	04/20/09	74.36	---	25.59	---	48.77
GMW-O-18	10/19/09	74.36	---	26.31	---	48.05
GMW-O-18	03/15/10	74.36	---	26.54	---	47.82
GMW-O-18	04/16/10	74.36	---	24.25	---	50.11
GMW-O-18	05/24/10	74.36	---	26.26	---	48.10
GMW-O-18	05/28/10	74.36	---	26.03	---	48.33
GMW-O-18	06/22/10	74.36	---	26.41	---	47.95
GMW-O-18	07/12/10	74.36	---	NM	---	NC
GMW-O-18	08/12/10	74.36	---	NM	---	NC
GMW-O-18	09/20/10	74.36	---	NM	---	NC
GMW-O-18	10/04/10	74.36	---	29.95	---	44.41
GMW-O-18	11/16/10	74.36	---	NM	---	NC
GMW-O-18	12/22/10	74.36	---	NM	---	NC
GMW-O-18	01/10/11	74.36	---	NM	---	NC
GMW-O-18	02/24/11	74.36	---	NM	---	NC
GMW-O-18	03/23/11	74.36	---	NM	---	NC
GMW-O-18	04/12/11	74.36	---	NM	---	NC
GMW-O-18	05/13/11	74.36	---	NM	---	NC
GMW-O-18	06/22/11	74.36	---	NM	---	NC
GMW-O-18	07/11/11	74.36	---	NM	---	NC
GMW-O-18	08/19/11	74.36	---	NM	---	NC
GMW-O-18	09/22/11	74.36	---	NM	---	NC
GMW-O-18	10/10/11	74.36	---	23.68	---	50.68
GMW-O-18	11/28/11	74.36	---	NM	---	NC
GMW-O-18	12/02/11	74.36	---	24.22	---	50.14
GMW-O-18	12/21/11	74.36	---	27.14	---	47.22
GMW-O-18	02/23/12	74.36	---	31.18	---	43.18
GMW-O-18	03/28/12	74.36	---	NM	---	NC
GMW-O-18	04/16/12	74.36	---	27.10	---	47.26
GMW-O-18	05/25/12	74.36	---	27.31	---	47.05
GMW-O-18	06/15/12	74.36	---	35.13	---	39.23
GMW-O-18	07/09/12	74.36	---	29.51	---	44.85
GMW-O-18	08/29/12	74.36	---	NM	---	NC
GMW-O-18	09/26/12	74.36	---	30.83	---	43.53
GMW-O-18	10/15/12	74.36	---	29.73	---	44.63
GMW-O-18	11/29/12	74.36	---	NM	---	NC
GMW-O-18	12/26/12	74.36	---	28.87	---	45.49
GMW-O-18	01/14/13	74.36	---	28.92	---	45.44
GMW-O-18	02/20/13	74.36	---	NM	---	NC
GMW-O-18	04/10/13	74.36	---	28.10	---	46.26
GMW-O-18	10/07/13	74.36	---	26.67	---	47.69
GMW-O-18	04/18/14	74.36	29.37	29.43	0.06	44.98
GMW-O-18	08/14/14	74.36	29.45	29.87	0.42	44.83
GMW-O-18	08/19/14	74.36	29.58	29.97	0.39	44.70
GMW-O-18	08/29/14	74.36	29.34	29.77	0.43	44.93
GMW-O-18	09/11/14	74.36	29.61	29.96	0.35	44.68
GMW-O-18	09/18/14	74.36	29.56	29.95	0.39	44.72
GMW-O-18	09/26/14	74.36	29.55	29.97	0.42	44.73
GMW-O-18	10/01/14	74.36	29.52	29.90	0.38	44.76
GMW-O-18	10/06/14	74.36	29.56	29.94	0.38	44.72

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-18	10/14/14	74.36	29.58	29.94	0.36	44.71
GMW-O-18	10/23/14	74.36	29.62	30.00	0.38	44.66
GMW-O-18	10/27/14	74.36	29.52	29.95	0.43	44.75
GMW-O-18	04/20/15	74.36	---	28.53	---	45.83
GMW-O-18	10/19/15	74.36	---	30.90	---	43.46
GMW-O-18	04/12/16	74.36	---	31.63	---	42.73
GMW-O-18	12/13/16	74.36	31.01	35.95	4.94	NC
GMW-O-18	04/17/17	74.32	31.80	31.83	0.03	42.52
GMW-O-18	10/02/17	74.36	31.30	31.32	0.02	NC
GMW-O-18	04/16/18	74.32	---	NM	---	NC
GMW-O-19	05/28/96	74.46	---	25.29	---	49.17
GMW-O-19	11/20/96	74.46	---	26.28	---	48.18
GMW-O-19	07/01/97	74.46	---	24.70	---	49.76
GMW-O-19	12/31/97	74.46	---	25.92	---	48.54
GMW-O-19	08/09/99	74.46	---	24.09	---	50.37
GMW-O-19	11/15/99	74.46	---	24.82	---	49.64
GMW-O-19	05/15/00	74.46	---	24.43	---	50.03
GMW-O-19	11/13/00	74.46	---	DRY	---	NC
GMW-O-19	05/07/01	74.46	---	NM	---	NC
GMW-O-19	09/18/01	74.46	---	23.07	---	51.39
GMW-O-19	11/05/01	74.46	---	23.15	---	51.31
GMW-O-19	01/29/02	74.46	---	23.25	---	51.21
GMW-O-19	04/08/02	74.46	---	23.16	---	51.30
GMW-O-19	10/21/02	74.46	---	23.34	---	51.12
GMW-O-19	04/07/03	74.46	---	23.50	---	50.96
GMW-O-19	07/30/03	74.46	---	24.29	---	50.17
GMW-O-19	10/06/03	74.46	---	24.54	---	49.92
GMW-O-19	01/11/04	74.46	---	26.02	---	48.44
GMW-O-19	04/19/04	74.46	---	25.04	---	49.42
GMW-O-19	07/20/04	74.46	---	25.35	---	49.11
GMW-O-19	05/02/05	74.46	---	20.05	---	54.41
GMW-O-19	08/01/05	74.46	---	20.82	---	53.64
GMW-O-19	10/31/05	74.46	---	21.36	---	53.10
GMW-O-19	02/27/06	74.46	---	22.06	---	52.40
GMW-O-19	05/01/06	74.46	---	22.35	---	52.11
GMW-O-19	12/04/06	74.46	---	23.32	---	51.14
GMW-O-19	04/30/07	74.46	---	23.98	---	50.48
GMW-O-19	11/12/07	74.46	---	24.57	---	49.89
GMW-O-19	04/14/08	74.46	---	24.24	---	50.22
GMW-O-19	10/13/08	74.46	---	25.36	---	49.10
GMW-O-19	04/20/09	74.46	---	25.22	---	49.24
GMW-O-19	10/19/09	74.46	---	26.26	---	48.20
GMW-O-19	03/15/10	74.46	---	26.16	---	48.30
GMW-O-19	04/16/10	74.46	---	25.30	---	49.16
GMW-O-19	05/24/10	74.46	---	25.53	---	48.93
GMW-O-19	05/28/10	74.46	---	25.47	---	48.99
GMW-O-19	06/22/10	74.46	---	25.64	---	48.82
GMW-O-19	07/12/10	74.46	---	26.04	---	48.42
GMW-O-19	08/12/10	74.46	---	26.23	---	48.23
GMW-O-19	09/20/10	74.46	---	26.52	---	47.94
GMW-O-19	10/04/10	74.46	---	26.31	---	48.15
GMW-O-19	11/16/10	74.46	---	26.67	---	47.79
GMW-O-19	12/22/10	74.46	---	26.70	---	47.76
GMW-O-19	01/10/11	74.46	---	26.37	---	48.09
GMW-O-19	02/24/11	74.46	---	25.55	---	48.91

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-19	03/23/11	74.46	---	25.29	---	49.17
GMW-O-19	04/11/11	74.46	---	24.75	---	49.71
GMW-O-19	05/13/11	74.46	---	25.11	---	49.35
GMW-O-19	06/22/11	74.46	---	25.27	---	49.19
GMW-O-19	07/11/11	74.46	---	25.42	---	49.04
GMW-O-19	08/19/11	74.46	---	25.32	---	49.14
GMW-O-19	09/22/11	74.46	---	25.82	---	48.64
GMW-O-19	10/10/11	74.46	---	25.40	---	49.06
GMW-O-19	11/28/11	74.46	---	25.96	---	48.50
GMW-O-19	12/21/11	74.46	---	26.43	---	48.03
GMW-O-19	01/09/12	74.46	---	26.56	---	47.90
GMW-O-19	02/23/12	74.46	---	27.08	---	47.38
GMW-O-19	03/28/12	74.46	---	27.14	---	47.32
GMW-O-19	04/16/12	74.46	---	26.88	---	47.58
GMW-O-19	05/25/12	74.46	---	27.01	---	47.45
GMW-O-19	06/15/12	74.46	---	27.23	---	47.23
GMW-O-19	07/09/12	74.46	---	27.27	---	47.19
GMW-O-19	08/29/12	74.46	---	27.58	---	46.88
GMW-O-19	09/26/12	74.46	---	27.90	---	46.56
GMW-O-19	10/15/12	74.46	---	27.46	---	47.00
GMW-O-19	11/29/12	74.46	---	28.16	---	46.30
GMW-O-19	12/26/12	74.46	---	28.03	---	46.43
GMW-O-19	01/14/13	74.46	---	28.02	---	46.44
GMW-O-19	02/20/13	74.46	---	28.28	---	46.18
GMW-O-19	04/08/13	74.46	---	28.36	---	46.10
GMW-O-19	10/07/13	74.46	---	28.68	---	45.78
GMW-O-19	04/14/14	74.46	---	28.82	---	45.64
GMW-O-19	10/27/14	74.46	---	29.34	---	45.12
GMW-O-19	04/20/15	74.46	---	28.41	---	46.05
GMW-O-19	10/19/15	74.46	---	30.63	---	43.83
GMW-O-19	04/11/16	74.46	---	31.70	---	42.76
GMW-O-19	10/03/16	74.46	---	32.20	---	42.26
GMW-O-19	10/03/16	74.46	---	32.20	---	42.26
GMW-O-19	04/17/17	74.46	---	30.94	---	43.52
GMW-O-19	10/02/17	74.46	---	31.20	---	43.26
GMW-O-19	04/16/18	74.46	---	32.72	---	41.74
GMW-O-20	05/07/01	73.34	---	22.15	---	51.19
GMW-O-20	04/07/03	73.34	---	NM	---	NC
GMW-O-20	08/15/08	73.32	---	25.90	---	47.42
GMW-O-20	10/17/08	73.32	---	25.82	---	47.50
GMW-O-20	12/19/08	73.32	---	27.15	---	46.17
GMW-O-20	01/15/09	73.32	26.09	26.53	0.44	47.15
GMW-O-20	02/24/09	73.32	---	27.85	---	45.47
GMW-O-20	03/20/09	73.32	---	28.81	---	44.51
GMW-O-20	03/27/09	73.32	---	27.84	---	45.48
GMW-O-20	04/21/09	73.32	---	28.70	---	44.62
GMW-O-20	07/21/09	73.32	---	24.10	---	49.22
GMW-O-20	10/19/09	73.32	---	NM	---	NC
GMW-O-20	11/09/09	73.32	25.40	25.60	0.20	47.88
GMW-O-20	06/22/10	73.32	24.66	24.76	0.10	48.64
GMW-O-20	10/04/10	73.32	31.10	31.20	0.10	42.20
GMW-O-20	01/10/11	73.32	26.48	26.62	0.14	46.81
GMW-O-20	04/11/11	73.32	---	23.82	---	49.50
GMW-O-20	07/11/11	73.32	---	NM	---	NC
GMW-O-20	10/10/11	73.32	---	24.05	---	49.27

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-20	01/09/12	73.32	---	24.68	---	48.64
GMW-O-20	04/16/12	73.32	---	26.18	---	47.14
GMW-O-20	07/09/12	73.32	---	32.92	---	40.40
GMW-O-20	10/15/12	73.32	32.95	32.97	0.02	40.37
GMW-O-20	01/14/13	73.32	32.93	32.98	0.05	40.38
GMW-O-20	04/08/13	73.32	26.46	29.63	3.17	46.27
GMW-O-20	09/24/13	73.32	27.20	31.10	3.90	45.40
GMW-O-20	10/07/13	73.32	27.06	32.09	5.03	45.33
GMW-O-20	04/25/14	73.32	28.40	28.48	0.08	44.91
GMW-O-20	09/18/14	73.32	27.72	30.71	2.99	45.05
GMW-O-20	09/26/14	73.32	27.75	30.87	3.12	44.99
GMW-O-20	10/01/14	73.32	27.65	30.52	2.87	45.14
GMW-O-20	10/06/14	73.32	27.66	30.50	2.84	45.13
GMW-O-20	10/14/14	73.32	27.62	30.63	3.01	45.14
GMW-O-20	10/23/14	73.32	27.70	30.80	3.10	45.05
GMW-O-20	10/27/14	73.32	27.76	30.70	2.94	45.02
GMW-O-20	11/03/14	73.32	27.62	30.81	3.19	45.11
GMW-O-20	11/10/14	73.32	27.75	30.94	3.19	44.98
GMW-O-20	11/18/14	73.32	27.65	30.91	3.26	45.07
GMW-O-20	11/25/14	73.32	27.65	30.95	3.30	45.06
GMW-O-20	12/03/14	73.32	27.83	32.56	4.73	44.61
GMW-O-20	12/19/14	73.32	27.93	31.72	3.79	44.69
GMW-O-20	04/22/15	73.32	27.98	32.25	4.27	44.55
GMW-O-20	10/22/15	73.32	29.38	31.36	1.98	43.57
GMW-O-20	03/16/16	73.32	---	32.54	---	40.78
GMW-O-20	04/12/16	73.32	---	32.48	---	40.84
GMW-O-20	06/29/16	73.32	---	32.50	---	40.82
GMW-O-20	08/22/16	73.32	---	32.18	---	41.14
GMW-O-20	10/03/16	73.32	---	33.12	---	40.20
GMW-O-20	10/03/16	73.32	---	33.12	---	40.20
GMW-O-20	04/20/17	73.32	---	29.70	---	43.62
GMW-O-20	10/02/17	73.32	---	33.03	---	40.29
GMW-O-20	04/16/18	73.32	---	32.67	---	40.65
GMW-O-21	11/15/99	73.49	---	NM	---	NC
GMW-O-21	11/19/99	73.49	---	NM	---	NC
GMW-O-21	04/07/03	73.49	---	NM	---	NC
GMW-O-21	10/06/03	73.49	---	22.60	---	50.89
GMW-O-21	12/28/07	71.43	---	27.67	---	43.76
GMW-O-21	08/15/08	73.94	---	NM	---	NC
GMW-O-21	10/17/08	71.43	---	26.00	---	45.43
GMW-O-21	12/19/08	71.43	---	24.82	---	46.61
GMW-O-21	03/27/09	71.43	---	26.41	---	45.02
GMW-O-21	07/21/09	71.43	---	24.88	---	46.55
GMW-O-21	10/19/09	71.43	---	NM	---	NC
GMW-O-21	11/09/09	71.43	---	25.02	---	46.41
GMW-O-21	10/04/10	71.43	---	25.40	---	46.03
GMW-O-21	04/13/11	71.43	---	23.72	---	47.71
GMW-O-21	10/10/11	71.43	---	24.65	---	46.78
GMW-O-21	04/16/12	71.43	---	NM	---	NC
GMW-O-21	07/09/12	71.43	---	NM	---	NC
GMW-O-21	10/15/12	71.43	---	32.50	---	38.93
GMW-O-21	04/08/13	71.43	---	NM	---	NC
GMW-O-21	09/25/13	71.43	---	29.25	---	42.18
GMW-O-21	10/07/13	71.43	---	NM	---	NC
GMW-O-21	04/14/14	71.43	28.61	28.65	0.04	42.81

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-21	09/05/14	71.43	28.78	29.61	0.83	42.48
GMW-O-21	09/26/14	71.43	28.77	29.85	1.08	42.44
GMW-O-21	10/01/14	71.43	28.64	29.79	1.15	42.56
GMW-O-21	10/06/14	71.43	28.72	29.40	0.68	42.57
GMW-O-21	10/27/14	71.43	28.93	29.75	0.82	42.34
GMW-O-21	11/10/14	71.43	28.95	29.98	1.03	42.27
GMW-O-21	11/18/14	71.43	28.92	30.05	1.13	42.28
GMW-O-21	11/25/14	71.43	28.85	29.73	0.88	42.40
GMW-O-21	12/12/14	71.43	29.02	30.61	1.59	42.09
GMW-O-21	12/19/14	71.43	29.04	30.62	1.58	42.07
GMW-O-21	04/20/15	71.43	28.99	30.15	1.16	42.21
GMW-O-21	06/10/15	71.43	30.70	31.00	0.30	40.67
GMW-O-21	07/02/15	71.43	29.88	32.30	2.42	41.07
GMW-O-21	07/07/15	71.43	30.06	30.65	0.59	41.25
GMW-O-21	07/17/15	71.43	30.10	30.40	0.30	41.27
GMW-O-21	07/29/15	71.43	30.10	30.40	0.30	41.27
GMW-O-21	08/11/15	71.43	30.70	31.00	0.30	40.67
GMW-O-21	10/19/15	71.43	31.20	31.43	0.23	40.18
GMW-O-21	03/14/16	71.43	33.17	33.20	0.03	38.25
GMW-O-21	04/11/16	71.43	31.84	32.17	0.33	39.52
GMW-O-21	06/29/16	71.43	32.83	33.03	0.20	38.56
GMW-O-21	08/22/16	71.43	---	33.72	---	37.71
GMW-O-21	10/03/16	71.43	---	33.45	---	37.98
GMW-O-21	10/03/16	71.43	---	33.45	---	37.98
GMW-O-21	04/17/17	71.43	---	30.48	---	40.95
GMW-O-21	10/02/17	71.43	---	33.45	---	37.98
GMW-O-21	04/16/18	71.43	---	33.13	---	38.30
GMW-O-23	08/14/07	73.63	---	23.33	---	50.30
GMW-O-23	08/21/07	73.63	---	23.31	---	50.32
GMW-O-23	08/28/07	73.63	---	23.00	---	50.63
GMW-O-23	09/11/07	73.63	---	23.42	---	50.21
GMW-O-23	10/05/07	73.63	---	27.79	---	45.84
GMW-O-23	11/02/07	73.63	---	25.15	---	48.48
GMW-O-23	11/13/07	73.63	---	23.90	---	49.73
GMW-O-23	12/28/07	73.63	---	24.91	---	48.72
GMW-O-23	08/15/08	73.63	---	26.28	---	47.35
GMW-O-23	10/17/08	73.63	---	27.16	---	46.47
GMW-O-23	12/19/08	73.63	---	27.60	---	46.03
GMW-O-23	01/15/09	73.63	---	27.54	---	46.09
GMW-O-23	02/24/09	73.63	---	26.19	---	47.44
GMW-O-23	03/27/09	73.63	---	23.74	---	49.89
GMW-O-23	04/21/09	73.63	---	27.30	---	46.33
GMW-O-23	10/19/09	73.63	---	NM	---	NC
GMW-O-23	11/09/09	73.63	---	27.50	---	46.13
GMW-O-23	06/22/10	73.63	---	32.10	---	41.53
GMW-O-23	10/04/10	73.63	---	25.92	---	47.71
GMW-O-23	01/10/11	73.63	---	27.45	---	46.18
GMW-O-23	04/11/11	73.63	---	25.03	---	48.60
GMW-O-23	07/11/11	73.63	---	NM	---	NC
GMW-O-23	10/10/11	73.63	---	25.25	---	48.38
GMW-O-23	01/09/12	73.63	---	25.91	---	47.72
GMW-O-23	04/16/12	73.63	---	27.38	---	46.25
GMW-O-23	07/09/12	73.63	---	27.41	---	46.22
GMW-O-23	10/15/12	73.63	---	26.48	---	47.15
GMW-O-23	01/14/13	73.63	---	29.35	---	44.28

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-23	04/08/13	73.63	27.74	29.81	2.07	45.48
GMW-O-23	09/23/13	73.63	---	29.90	---	43.73
GMW-O-23	10/07/13	73.63	28.30	32.86	4.56	44.42
GMW-O-23	04/25/14	73.63	29.66	29.81	0.15	43.94
GMW-O-23	09/05/14	73.63	28.76	32.57	3.81	44.11
GMW-O-23	09/11/14	73.63	28.63	32.94	4.31	44.14
GMW-O-23	09/18/14	73.63	28.65	32.80	4.15	44.15
GMW-O-23	09/26/14	73.63	28.70	32.87	4.17	44.10
GMW-O-23	10/01/14	73.63	28.75	32.56	3.81	44.12
GMW-O-23	10/06/14	73.63	28.73	32.50	3.77	44.15
GMW-O-23	10/14/14	73.63	28.20	32.75	4.55	44.52
GMW-O-23	10/23/14	73.63	28.69	32.80	4.11	44.12
GMW-O-23	10/27/14	73.63	28.80	32.51	3.71	44.09
GMW-O-23	11/03/14	73.63	29.68	32.82	3.14	43.32
GMW-O-23	11/10/14	73.63	28.78	32.80	4.02	44.05
GMW-O-23	11/18/14	73.63	29.78	32.78	3.00	43.25
GMW-O-23	11/25/14	73.63	28.78	32.64	3.86	44.08
GMW-O-23	12/03/14	73.63	28.94	33.25	4.31	43.83
GMW-O-23	12/12/14	73.63	29.33	32.58	3.25	43.65
GMW-O-23	12/19/14	73.63	29.37	32.71	3.34	43.59
GMW-O-23	03/17/15	73.63	30.00	30.40	0.40	43.55
GMW-O-23	04/22/15	73.63	30.36	33.08	2.72	42.73
GMW-O-23	10/22/15	73.63	30.46	32.82	2.36	42.70
GMW-O-23	03/16/16	73.63	---	34.43	---	39.20
GMW-O-23	04/12/16	73.63	---	32.59	---	41.04
GMW-O-23	06/29/16	73.63	---	33.90	---	39.73
GMW-O-23	08/22/16	73.63	---	33.89	---	39.74
GMW-O-23	10/03/16	73.63	---	34.90	---	38.73
GMW-O-23	10/03/16	73.63	---	34.90	---	38.73
GMW-O-23	04/20/17	73.63	---	30.88	---	42.75
GMW-O-23	10/02/17	73.63	---	34.70	---	38.93
GMW-O-23	04/16/18	73.63	---	34.05	---	39.58
GMW-O-24	10/15/12	74.39	---	27.90	---	46.49
GMW-O-24	04/08/13	74.39	---	28.53	---	45.86
GMW-O-24	10/23/13	74.39	---	29.40	---	44.99
GMW-O-24	04/14/14	74.39	---	29.33	---	45.06
GMW-O-24	10/27/14	74.39	---	29.82	---	44.57
GMW-O-24	04/20/15	74.39	---	30.23	---	44.16
GMW-O-24	06/30/15	74.39	---	31.06	---	43.33
GMW-O-24	10/19/15	74.39	---	30.95	---	43.44
GMW-O-24	04/11/16	74.39	---	31.84	---	42.55
GMW-O-24	10/03/16	74.39	---	32.39	---	42.00
GMW-O-24	10/03/16	74.39	---	32.39	---	42.00
GMW-O-24	04/17/17	74.39	---	28.60	---	45.79
GMW-O-24	10/02/17	74.39	---	31.90	---	42.49
GMW-O-24	04/16/18	74.39	---	32.50	---	41.89
GMW-SF-10	04/21/09	75.77	---	27.10	---	48.67
GMW-SF-10	10/04/10	75.77	---	28.03	---	47.74
GMW-SF-10	04/11/11	75.77	---	26.80	---	48.97
GMW-SF-10	10/10/11	75.77	---	27.60	---	48.17
GMW-SF-10	04/16/12	75.77	---	28.81	---	46.96
GMW-SF-10	07/09/12	75.77	---	NM	---	NC
GMW-SF-10	10/15/12	75.77	---	29.88	---	45.89
GMW-SF-10	04/08/13	75.77	---	DRY	---	NC
GMW-SF-7	05/28/96	75.26	---	26.65	---	48.61

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-SF-7	11/20/96	75.26	---	27.71	---	47.55
GMW-SF-7	12/31/97	75.26	---	27.11	---	48.15
GMW-SF-7	05/03/99	75.26	---	25.30	---	49.96
GMW-SF-7	08/09/99	75.26	---	25.79	---	49.47
GMW-SF-7	11/15/99	75.26	---	26.38	---	48.88
GMW-SF-7	05/15/00	75.26	---	25.88	---	49.38
GMW-SF-7	11/13/00	75.26	---	26.82	---	48.44
GMW-SF-7	05/07/01	75.26	---	24.35	---	50.91
GMW-SF-7	11/05/01	75.26	---	25.33	---	49.93
GMW-SF-7	02/01/02	75.26	---	25.52	---	49.74
GMW-SF-7	04/08/02	75.26	---	26.60	---	48.66
GMW-SF-7	10/21/02	75.26	---	27.02	---	48.24
GMW-SF-7	01/27/03	75.26	---	26.64	---	48.62
GMW-SF-7	04/07/03	75.26	---	25.70	---	49.56
GMW-SF-7	07/31/03	75.26	---	25.72	---	49.54
GMW-SF-7	10/06/03	75.26	---	26.57	---	48.69
GMW-SF-7	01/11/04	75.26	---	27.54	---	47.72
GMW-SF-7	01/27/04	75.26	---	26.65	---	48.61
GMW-SF-7	04/19/04	75.26	---	26.64	---	48.62
GMW-SF-7	07/19/04	75.26	---	26.89	---	48.37
GMW-SF-7	02/01/05	75.26	---	25.15	---	50.11
GMW-SF-7	05/02/05	75.26	---	20.52	---	54.74
GMW-SF-7	08/01/05	75.26	---	22.03	---	53.23
GMW-SF-7	10/31/05	75.26	---	22.99	---	52.27
GMW-SF-7	02/27/06	75.26	---	23.65	---	51.61
GMW-SF-7	05/01/06	75.26	---	23.68	---	51.58
GMW-SF-7	09/18/06	75.26	---	24.41	---	50.85
GMW-SF-7	12/04/06	75.26	---	24.72	---	50.54
GMW-SF-7	03/12/07	75.26	---	25.18	---	50.08
GMW-SF-7	04/30/07	75.26	---	25.17	---	50.09
GMW-SF-7	08/28/07	75.26	---	25.02	---	50.24
GMW-SF-7	11/12/07	75.26	---	25.57	---	49.69
GMW-SF-7	04/14/08	75.26	---	25.40	---	49.86
GMW-SF-7	10/13/08	75.26	---	26.29	---	48.97
GMW-SF-7	04/20/09	75.26	---	26.26	---	49.00
GMW-SF-7	10/19/09	75.26	---	27.51	---	47.75
GMW-SF-7	05/24/10	75.26	---	27.07	---	48.19
GMW-SF-7	05/28/10	75.26	---	27.06	---	48.20
GMW-SF-7	10/04/10	75.26	---	27.47	---	47.79
GMW-SF-7	04/11/11	75.26	---	26.13	---	49.13
GMW-SF-7	10/10/11	75.26	---	26.93	---	48.33
GMW-SF-7	04/16/12	75.26	---	28.12	---	47.14
GMW-SF-7	07/09/12	75.26	---	NM	---	NC
GMW-SF-7	10/15/12	75.26	---	28.93	---	46.33
GMW-SF-7	04/08/13	75.26	---	29.91	---	45.35
GMW-SF-7	10/07/13	75.26	---	30.08	---	45.18
GMW-SF-7	04/14/14	75.26	---	30.51	---	44.75
GMW-SF-7	10/27/14	75.26	---	30.92	---	44.34
GMW-SF-7	04/20/15	75.26	---	31.30	---	43.96
GMW-SF-7	10/19/15	75.26	---	32.03	---	43.23
GMW-SF-7	04/11/16	75.26	---	33.12	---	42.14
GMW-SF-7	10/03/16	75.26	---	33.72	---	41.54
GMW-SF-7	10/03/16	75.26	---	33.72	---	41.54
GMW-SF-7	04/17/17	75.26	---	31.47	---	43.79
GMW-SF-7	10/02/17	75.26	---	33.17	---	42.09

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-SF-7	04/16/18	75.26	---	34.21	---	41.05
GMW-SF-8	05/28/96	76.75	---	27.82	---	48.93
GMW-SF-8	11/20/96	76.75	---	28.77	---	47.98
GMW-SF-8	07/01/97	76.75	---	27.35	---	49.40
GMW-SF-8	12/31/97	76.75	---	28.42	---	48.33
GMW-SF-8	05/03/99	76.75	---	26.61	---	50.14
GMW-SF-8	08/09/99	76.75	---	26.99	---	49.76
GMW-SF-8	11/15/99	76.75	---	27.55	---	49.20
GMW-SF-8	05/15/00	76.45	---	27.17	---	49.28
GMW-SF-8	11/13/00	76.45	---	27.97	---	48.48
GMW-SF-8	05/07/01	76.45	---	25.54	---	50.91
GMW-SF-8	11/05/01	76.75	---	26.55	---	50.20
GMW-SF-8	04/08/02	76.75	---	27.73	---	49.02
GMW-SF-8	10/21/02	76.75	---	28.07	---	48.68
GMW-SF-8	01/27/03	76.75	---	27.98	---	48.77
GMW-SF-8	04/07/03	76.75	---	27.63	---	49.12
GMW-SF-8	07/31/03	76.75	---	26.99	---	49.76
GMW-SF-8	10/06/03	76.75	---	27.30	---	49.45
GMW-SF-8	01/11/04	76.75	---	28.54	---	48.21
GMW-SF-8	01/27/04	76.75	---	27.87	---	48.88
GMW-SF-8	04/19/04	76.75	---	27.88	---	48.87
GMW-SF-8	07/19/04	76.75	---	28.05	---	48.70
GMW-SF-8	02/01/05	76.75	---	26.52	---	50.23
GMW-SF-8	05/02/05	76.75	---	21.91	---	54.84
GMW-SF-8	08/01/05	76.75	---	23.33	---	53.42
GMW-SF-8	10/31/05	76.75	---	24.41	---	52.34
GMW-SF-8	02/27/06	76.75	---	24.98	---	51.77
GMW-SF-8	05/01/06	76.75	---	24.98	---	51.77
GMW-SF-8	09/18/06	76.75	---	25.69	---	51.06
GMW-SF-8	12/04/06	76.75	---	26.03	---	50.72
GMW-SF-8	04/30/07	76.75	---	26.45	---	50.30
GMW-SF-8	11/12/07	76.75	---	26.87	---	49.88
GMW-SF-8	04/14/08	76.75	---	26.66	---	50.09
GMW-SF-8	10/13/08	76.75	---	27.75	---	49.00
GMW-SF-8	04/20/09	76.75	---	27.68	---	49.07
GMW-SF-8	10/19/09	76.75	---	29.01	---	47.74
GMW-SF-8	05/24/10	76.75	---	28.34	---	48.41
GMW-SF-8	05/28/10	76.75	---	28.30	---	48.45
GMW-SF-8	10/04/10	76.75	---	28.70	---	48.05
GMW-SF-8	01/10/11	76.75	---	28.85	---	47.90
GMW-SF-8	04/11/11	76.75	---	27.44	---	49.31
GMW-SF-8	07/11/11	76.75	---	NM	---	NC
GMW-SF-8	10/10/11	76.75	---	28.18	---	48.57
GMW-SF-8	01/09/12	76.75	---	28.92	---	47.83
GMW-SF-8	04/16/12	76.75	---	29.34	---	47.41
GMW-SF-8	07/09/12	76.75	---	30.09	---	46.66
GMW-SF-8	10/15/12	76.75	---	30.21	---	46.54
GMW-SF-8	01/14/13	76.75	---	30.92	---	45.83
GMW-SF-8	04/08/13	76.75	---	30.98	---	45.77
GMW-SF-8	10/07/13	76.75	---	32.16	---	44.59
GMW-SF-8	04/14/14	76.75	---	31.63	---	45.12
GMW-SF-8	10/27/14	76.75	---	32.08	---	44.67
GMW-SF-8	04/20/15	76.75	---	32.59	---	44.16
GMW-SF-8	10/19/15	76.75	---	33.28	---	43.47
GMW-SF-8	04/11/16	76.75	---	34.50	---	42.25

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-SF-8	10/03/16	76.75	---	35.01	---	41.74
GMW-SF-8	10/03/16	76.75	---	35.01	---	41.74
GMW-SF-8	04/17/17	76.75	---	32.39	---	44.36
GMW-SF-8	10/02/17	76.75	---	34.54	---	42.21
GMW-SF-8	04/16/18	76.75	---	35.55	---	41.20
GMW-SF-9	04/21/09	73.00	---	24.19	---	48.81
GMW-SF-9	05/24/10	73.00	---	28.31	---	44.69
GMW-SF-9	05/28/10	73.00	---	28.37	---	44.63
GMW-SF-9	10/04/10	73.00	---	25.28	---	47.72
GMW-SF-9	04/11/11	73.00	---	23.90	---	49.10
GMW-SF-9	10/10/11	73.00	---	24.70	---	48.30
GMW-SF-9	04/16/12	73.00	---	26.99	---	46.01
GMW-SF-9	07/09/12	73.00	---	NM	---	NC
GMW-SF-9	10/15/12	73.05	---	34.21	---	38.84
GMW-SF-9	01/14/13	73.05	---	34.32	---	38.73
GMW-SF-9	04/10/13	73.05	---	27.37	---	45.68
GMW-SF-9	08/14/14	73.05	28.37	29.35	0.98	44.48
GMW-SF-9	08/19/14	73.05	28.44	28.46	0.02	44.61
GMW-SF-9	08/29/14	73.05	28.31	29.32	1.01	44.54
GMW-SF-9	09/05/14	73.05	28.29	29.33	1.04	44.55
GMW-SF-9	09/11/14	73.05	28.47	29.49	1.02	44.38
GMW-SF-9	09/18/14	73.05	28.91	28.95	0.04	44.13
GMW-SF-9	09/26/14	73.05	28.59	28.93	0.34	44.39
GMW-SF-9	04/20/15	73.05	---	29.01	---	44.04
GMW-SF-9	10/21/15	73.05	---	29.69	---	43.36
GW-1	05/01/98	75.00	---	27.17	---	47.83
GW-1	05/25/99	75.46	---	27.73	---	47.73
GW-1	05/15/00	75.46	---	28.10	---	47.36
GW-1	05/07/01	75.46	---	27.43	---	48.03
GW-1	04/08/02	75.46	---	28.16	---	47.30
GW-1	10/21/02	75.46	---	27.95	---	47.51
GW-1	04/07/03	75.46	---	27.70	---	47.76
GW-1	10/06/03	75.46	---	27.97	---	47.49
GW-1	04/19/04	75.97	---	29.00	---	46.97
GW-1	11/01/04	75.97	---	28.98	---	46.99
GW-1	05/02/05	75.46	---	25.78	---	49.68
GW-1	05/01/06	75.97	---	26.20	---	49.77
GW-1	12/01/06	75.97	---	26.62	---	49.35
GW-1	04/30/07	75.97	---	26.78	---	49.19
GW-1	11/12/07	75.97	---	27.28	---	48.69
GW-1	04/11/08	75.97	---	26.60	---	49.37
GW-1	07/24/08	75.97	---	26.99	---	48.98
GW-1	10/13/08	75.97	---	27.56	---	48.41
GW-1	02/09/09	75.46	---	27.06	---	48.40
GW-1	04/07/10	75.46	---	29.76	---	45.70
GW-1	10/01/10	75.97	---	29.11	---	46.86
GW-1	01/06/11	75.97	---	29.99	---	45.98
GW-1	04/12/11	75.97	---	28.46	---	47.51
GW-1	07/07/11	75.97	---	28.45	---	47.52
GW-1	10/07/11	75.97	---	28.71	---	47.26
GW-1	04/12/12	75.97	---	29.46	---	46.51
GW-1	01/10/13	75.97	---	30.61	---	45.36
GW-1	04/02/13	75.97	---	30.70	---	45.27
GW-1	10/01/13	75.97	---	31.30	---	44.67
GW-1	04/07/14	75.97	---	32.39	---	43.58

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GW-1	10/27/14	75.97	---	32.47	---	43.50
GW-1	04/20/15	75.97	---	32.81	---	43.16
GW-1	04/13/16	75.97	---	NM	---	NC
GW-1	10/03/16	75.97	---	34.47	---	41.50
GW-1	04/18/17	75.97	---	34.40	---	41.57
GW-1	10/02/17	75.97	---	34.92	---	41.05
GW-1	04/16/18	75.97	---	35.31	---	40.66
GW-2	05/01/98	75.00	---	27.65	---	47.35
GW-2	05/25/99	76.39	---	28.47	---	47.92
GW-2	05/15/00	76.39	---	28.88	---	47.51
GW-2	05/07/01	76.39	---	28.22	---	48.17
GW-2	04/08/02	76.39	---	28.85	---	47.54
GW-2	10/21/02	76.39	---	28.75	---	47.64
GW-2	04/07/03	76.39	---	28.58	---	47.81
GW-2	10/06/03	76.39	---	28.67	---	47.72
GW-2	04/19/04	75.78	---	28.75	---	47.03
GW-2	11/01/04	75.78	---	28.72	---	47.06
GW-2	05/02/05	76.39	---	26.05	---	50.34
GW-2	05/01/06	75.78	---	25.84	---	49.94
GW-2	12/01/06	75.78	---	26.23	---	49.55
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-2	10/01/13	75.78	---	30.95	---	44.83
GW-2	04/07/14	75.78	---	32.10	---	43.68
GW-2	04/15/14	75.78	---	31.82	---	43.96
GW-2	10/27/14	75.78	---	32.16	---	43.62
GW-2	04/20/15	75.78	---	32.53	---	43.25
GW-2	04/11/16	75.78	---	33.61	---	42.17
GW-2	10/03/16	75.78	---	34.08	---	41.70
GW-2	04/18/17	75.78	---	34.15	---	41.63
GW-2	10/02/17	75.78	---	34.53	---	41.25
GW-2	04/16/18	75.78	---	34.80	---	40.98
GW-3	05/01/98	75.00	---	28.26	---	46.74
GW-3	05/25/99	76.56	---	28.90	---	47.66
GW-3	05/15/00	76.56	---	29.29	---	47.27
GW-3	05/07/01	76.56	---	28.63	---	47.93
GW-3	04/08/02	76.56	---	29.23	---	47.33
GW-3	10/21/02	76.56	---	29.26	---	47.30
GW-3	04/07/03	76.56	---	28.25	---	48.31
GW-3	10/06/03	76.56	---	29.06	---	47.50

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GW-3	04/19/04	76.56	---	30.24	---	46.32
GW-3	11/01/04	75.79	---	28.84	---	46.95
GW-3	05/02/05	76.56	---	25.65	---	50.91
GW-3	05/01/06	75.79	---	25.90	---	49.89
GW-3	12/01/06	75.79	---	26.31	---	49.48
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
GW-3	04/02/13	75.79	---	30.38	---	45.41
GW-3	04/08/13	75.79	---	30.26	---	45.53
GW-3	10/01/13	75.79	---	31.14	---	44.65
GW-3	04/09/14	75.79	---	31.99	---	43.80
GW-3	04/15/14	75.79	---	31.92	---	43.87
GW-3	10/27/14	75.79	---	32.34	---	43.45
GW-3	04/20/15	75.79	---	32.72	---	43.07
GW-3	04/11/16	75.79	---	33.76	---	42.03
GW-3	10/03/16	75.79	---	34.29	---	41.50
GW-3	04/18/17	75.79	---	34.35	---	41.44
GW-3	10/02/17	75.79	---	34.66	---	41.13
GW-3	04/16/18	75.79	---	35.02	---	40.77
GW-4	05/01/98	78.51	---	30.45	---	48.06
GW-4	05/25/99	74.77	---	26.97	---	47.80
GW-4	05/15/00	74.77	---	27.80	---	46.97
GW-4	05/07/01	74.77	---	26.87	---	47.90
GW-4	04/08/02	74.77	---	27.60	---	47.17
GW-4	10/21/02	74.77	---	27.60	---	47.17
GW-4	04/07/03	74.77	---	27.25	---	47.52
GW-4	10/06/03	74.77	---	27.40	---	47.37
GW-4	04/19/04	74.77	---	28.07	---	46.70
GW-4	11/01/04	74.77	---	28.09	---	46.68
GW-4	05/01/06	73.86	---	28.52	---	45.34
GW-4	12/01/06	74.77	---	NM	---	NC
GW-4	04/30/07	74.77	---	NM	---	NC
GW-4	11/12/07	74.77	---	26.40	---	48.37
GW-4	04/11/08	74.77	---	26.32	---	48.45
GW-4	07/24/08	74.77	---	26.71	---	48.06
GW-4	10/13/08	74.77	---	27.31	---	47.46
GW-4	02/09/09	74.77	---	26.05	---	48.72
GW-4	04/07/10	74.77	---	28.12	---	46.65
GW-4	10/01/10	73.86	---	NM	---	NC
GW-4	01/06/11	73.86	---	NM	---	NC
GW-4	04/06/11	73.86	---	NM	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GW-4	07/08/11	73.86	---	NM	---	NC
GW-4	04/12/12	73.86	---	NM	---	NC
GW-4	01/10/13	73.86	---	NM	---	NC
GW-4	04/02/13	73.86	---	NM	---	NC
GW-4	04/11/16	73.86	---	32.19	---	41.67
GW-4	10/03/16	73.86	---	32.82	---	41.04
GW-4	04/17/17	73.86	---	DRY	---	NC
GW-4	10/02/17	73.86	---	NM	---	NC
GW-4	04/16/18	73.86	---	NM	---	NC
GW-5	05/01/98	75.00	---	26.42	---	48.58
GW-5	05/25/99	77.09	---	29.01	---	48.08
GW-5	05/15/00	77.09	---	36.26	---	40.83
GW-5	05/07/01	77.09	---	30.32	---	46.77
GW-5	04/08/02	77.09	---	29.75	---	47.34
GW-5	10/21/02	77.09	---	30.27	---	46.82
GW-5	04/07/03	77.09	---	29.30	---	47.79
GW-5	10/06/03	77.09	---	29.34	---	47.75
GW-5	04/19/04	77.09	---	30.24	---	46.85
GW-5	11/01/04	77.09	---	30.02	---	47.07
GW-5	05/02/05	77.09	---	25.81	---	51.28
GW-5	05/01/06	77.09	---	26.87	---	50.22
GW-5	12/01/06	77.09	---	27.45	---	49.64
GW-5	04/27/07	77.09	---	27.75	---	49.34
GW-5	11/12/07	77.09	---	28.36	---	48.73
GW-5	04/11/08	77.09	---	28.17	---	48.92
GW-5	07/24/08	77.09	---	28.62	---	48.47
GW-5	10/13/08	77.09	---	29.21	---	47.88
GW-5	02/09/09	76.99	---	27.68	---	49.31
GW-5	04/07/10	76.99	---	29.88	---	47.11
GW-5	10/01/10	76.99	---	30.03	---	46.96
GW-5	01/06/11	76.99	---	30.18	---	46.81
GW-5	04/06/11	76.99	---	29.11	---	47.88
GW-5	07/08/11	76.99	---	29.24	---	47.75
GW-5	10/06/11	76.99	---	29.58	---	47.41
GW-5	04/12/12	76.99	---	30.48	---	46.51
GW-5	01/10/13	76.99	---	31.68	---	45.31
GW-5	04/02/13	76.99	---	31.59	---	45.40
GW-5	10/01/13	76.99	---	32.33	---	44.66
GW-5	04/07/14	76.99	---	33.22	---	43.77
GW-5	10/27/14	76.99	---	33.45	---	43.54
GW-5R	10/02/17	79.06	---	37.61	---	41.45
GW-5R	04/16/18	79.06	---	38.07	---	40.99
GW-6	05/01/98	75.00	---	26.27	---	48.73
GW-6	05/25/99	77.41	---	29.61	---	47.80
GW-6	05/15/00	77.41	---	30.25	---	47.16
GW-6	05/07/01	77.41	---	30.31	---	47.10
GW-6	04/08/02	77.41	---	30.01	---	47.40
GW-6	10/21/02	77.41	---	27.32	---	50.09
GW-6	04/07/03	77.41	---	28.45	---	48.96
GW-6	10/06/03	77.41	---	28.65	---	48.76
GW-6	04/19/04	76.38	---	29.64	---	46.74
GW-6	11/01/04	77.41	---	30.32	---	47.09
GW-6	05/02/05	77.41	---	26.27	---	51.14
GW-6	05/01/06	76.38	---	26.20	---	50.18
GW-6	12/01/06	76.38	---	26.86	---	49.52

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
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	47.87
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-6	10/01/13	76.38	---	31.78	---	44.60
GW-6	04/09/14	76.38	---	32.55	---	43.83
GW-6	04/15/14	76.38	---	32.43	---	43.95
GW-6	10/27/14	76.38	---	32.87	---	43.51
GW-6	04/20/15	76.38	---	33.23	---	43.15
GW-6	04/11/16	76.38	---	NM	---	NC
GW-6	10/03/16	76.38	---	34.88	---	41.50
GW-6	04/17/17	76.38	---	34.46	---	41.92
GW-6	10/02/17	76.38	---	35.03	---	41.35
GW-6	04/16/18	76.38	---	35.48	---	40.90
GW-7	05/01/98	75.00	---	26.14	---	48.86
GW-7	05/25/99	76.46	---	28.29	---	48.17
GW-7	05/15/00	76.46	---	28.45	---	48.01
GW-7	04/08/02	76.46	---	27.66	---	48.80
GW-7	10/21/02	76.76	---	27.20	---	49.56
GW-7	04/07/03	76.76	---	28.40	---	48.36
GW-7	10/06/03	76.76	---	28.83	---	47.93
GW-7	04/19/04	75.02	---	28.65	---	46.37
GW-7	11/01/04	76.76	---	28.91	---	47.85
GW-7	05/02/05	76.76	---	25.45	---	51.31
GW-7	05/01/06	75.02	---	24.78	---	50.24
GW-7	12/01/06	75.02	---	25.41	---	49.61
GW-7	04/30/07	75.02	---	25.84	---	49.18
GW-7	11/12/07	76.46	---	NM	---	NC
GW-7	04/11/08	76.76	---	27.50	---	49.26
GW-7	07/24/08	76.46	---	27.62	---	48.84
GW-7	10/14/08	76.46	---	28.55	---	47.91
GW-7	02/10/09	75.02	---	27.75	---	47.27
GW-7	04/08/10	76.76	---	29.04	---	47.72
GW-7	10/01/10	75.02	---	27.91	---	47.11
GW-7	01/07/11	75.02	---	28.12	---	46.90
GW-7	04/06/11	75.02	---	26.94	---	48.08
GW-7	07/08/11	75.02	---	27.00	---	48.02
GW-7	10/06/11	75.02	---	27.50	---	47.52
GW-7	04/12/12	75.02	---	NM	---	NC
GW-7	01/11/13	75.02	---	30.25	---	44.77

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GW-7	04/03/13	75.02	---	30.03	---	44.99
GW-7	10/02/13	75.02	---	30.44	---	44.58
GW-7	04/09/14	75.02	---	31.22	---	43.80
GW-7	10/27/14	75.02	---	31.64	---	43.38
GW-7	04/20/15	75.02	---	31.95	---	43.07
GW-7	04/11/16	75.02	---	NM	---	NC
GW-7	10/03/16	75.02	---	33.69	---	41.33
GW-7	04/17/17	75.02	---	32.95	---	42.07
GW-7	10/03/17	75.02	---	33.94	---	41.08
GW-7	04/16/18	75.02	---	34.45	---	40.57
GW-8	05/01/98	75.00	---	26.17	---	48.83
GW-8	05/25/99	76.88	---	28.59	---	48.29
GW-8	05/15/00	76.88	---	36.92	---	39.96
GW-8	05/07/01	76.88	---	34.15	---	42.73
GW-8	04/08/02	76.88	---	33.15	---	43.73
GW-8	10/21/02	76.88	---	28.24	---	48.64
GW-8	04/07/03	76.88	---	29.04	---	47.84
GW-8	10/06/03	76.88	---	29.10	---	47.78
GW-8	04/19/04	76.88	---	30.00	---	46.88
GW-8	11/01/04	76.88	---	29.85	---	47.03
GW-8	05/02/05	76.88	---	25.45	---	51.43
GW-8	03/06/06	76.15	---	26.38	---	49.77
GW-8	05/01/06	76.88	---	26.66	---	50.22
GW-8	08/26/06	76.88	---	26.91	---	49.97
GW-8	12/01/06	76.15	---	26.53	---	49.62
GW-8	03/21/07	76.88	---	27.52	---	49.36
GW-8	04/27/07	76.88	---	26.91	---	49.97
GW-8	08/28/07	76.88	---	26.91	---	49.97
GW-8	11/12/07	76.88	---	27.52	---	49.36
GW-8	02/05/08	76.15	---	28.62	---	47.53
GW-8	04/11/08	76.15	---	27.35	---	48.80
GW-8	07/24/08	76.15	---	27.81	---	48.34
GW-8	10/13/08	76.15	---	28.40	---	47.75
GW-8	02/09/09	76.15	---	28.59	---	47.56
GW-8	07/16/09	76.15	---	28.48	---	47.67
GW-8	04/07/10	76.15	---	29.04	---	47.11
GW-8	10/01/10	76.15	---	29.19	---	46.96
GW-8	01/06/11	76.15	---	29.32	---	46.83
GW-8	04/06/11	76.15	---	28.27	---	47.88
GW-8	07/07/11	76.15	---	28.41	---	47.74
GW-8	10/06/11	76.15	---	28.76	---	47.39
GW-8	04/12/12	76.15	---	29.98	---	46.17
GW-8	01/10/13	76.15	---	30.85	---	45.30
GW-8	04/02/13	76.15	---	30.80	---	45.35
GW-8	10/01/13	76.15	---	31.53	---	44.62
GW-8	04/07/14	76.15	---	32.31	---	43.84
GW-8	04/17/14	76.15	---	31.99	---	44.16
GW-8	10/27/14	76.15	---	32.62	---	43.53
GW-8	04/20/15	76.15	---	32.95	---	43.20
GW-8	04/11/16	76.15	---	NM	---	NC
GW-8	10/03/16	76.15	---	34.58	---	41.57
GW-8	04/17/17	76.15	---	34.29	---	41.86
GW-8	10/02/17	76.15	---	34.88	---	41.27
GW-8	04/16/18	76.15	---	35.22	---	40.93
GW-13(1")	04/11/08	77.10	---	28.30	---	48.80

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GW-13(1")	01/11/10	77.10	---	30.24	---	46.86
GW-13(1")	04/07/10	77.10	---	30.08	---	47.02
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-13(6")	10/01/13	76.85	---	32.24	---	44.61
GW-13(6")	04/07/14	76.85	---	33.28	---	43.57
GW-13(6")	04/15/14	76.85	---	33.00	---	43.85
GW-13(6")	10/27/14	76.85	---	33.35	---	43.50
GW-13(6")	04/20/15	76.85	---	33.72	---	43.13
GW-13(6")	04/11/16	76.85	---	34.82	---	42.03
GW-13(6")	10/03/16	76.85	---	35.32	---	41.53
GW-13(6")	04/17/17	76.85	---	35.35	---	41.50
GW-13(6")	10/02/17	76.85	---	34.17	---	42.68
GW-13(6")	04/16/18	76.85	---	35.36	---	41.49
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-14(6")	10/02/13	76.54	---	32.04	---	44.50
GW-14(6")	04/09/14	76.54	---	32.65	---	43.89
GW-14(6")	04/16/14	76.54	---	32.42	---	44.12
GW-14(6")	10/27/14	76.54	---	32.87	---	43.67
GW-14R(6")	10/03/17	78.77	33.35	35.03	1.68	NC
GW-14R(6")	04/16/18	78.77	33.80	36.50	2.70	NC
GW-15(1")	07/24/08	75.36	27.50	27.55	0.05	47.85
GW-15(1")	10/16/08	75.36	28.15	28.16	0.01	47.21

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GW-15(1")	02/09/09	75.36	27.98	28.02	0.04	47.37
GW-15(1")	07/17/09	75.36	28.51	28.59	0.08	46.83
GW-15(1")	04/08/10	75.36	27.74	29.43	1.69	47.28
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	46.95
GW-15(6")	04/08/11	74.94	26.75	26.76	0.01	48.19
GW-15(6")	07/07/11	74.94	27.57	27.61	0.04	47.36
GW-15(6")	10/06/11	74.94	28.38	28.40	0.02	46.56
GW-15(6")	04/12/12	74.94	29.54	29.55	0.01	45.40
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	44.60
GW-15(6")	10/02/13	74.94	31.70	35.01	3.31	42.58
GW-15(6")	04/09/14	74.94	---	32.08	---	42.86
GW-15(6")	04/17/14	74.94	31.50	33.00	1.50	43.14
GW-15(6")	10/27/14	74.94	32.82	32.87	0.05	42.11
GW-15(6")	04/20/15	74.94	---	32.39	---	42.55
GW-15(6")	04/13/16	74.94	33.68	33.75	0.07	41.25
GW-15(6")	10/03/16	74.94	---	34.31	---	40.63
GW-15(6")	04/20/17	74.94	---	33.91	---	41.03
GW-15(6")	10/03/17	74.94	---	33.58	---	41.36
GW-15(6")	04/16/18	74.94	---	34.36	---	40.58
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
GW-16(6")	10/02/13	76.33	---	31.77	---	44.56
GW-16(6")	04/09/14	76.33	---	32.09	---	44.24
GW-16(6")	04/16/14	76.33	---	31.95	---	44.38
GW-16(6")	10/27/14	76.33	---	32.46	---	43.87
GW-16(6")	04/20/15	76.33	---	32.71	---	43.62
GW-16(6")	04/13/16	76.33	---	34.12	---	42.21
GW-16(6")	10/03/16	76.33	---	34.65	---	41.68
GW-16(6")	04/18/17	76.33	---	34.07	---	42.26
GW-16(6")	10/03/17	76.33	---	34.57	---	41.76
GW-16(6")	04/16/18	76.33	---	35.31	---	41.02
GWR-1	11/20/96	73.65	---	26.79	---	46.86
GWR-1	07/01/97	73.65	---	27.69	---	45.96
GWR-1	12/31/97	73.65	---	27.34	---	46.31
GWR-1	05/01/98	73.65	---	24.04	---	49.61
GWR-1	05/07/99	73.65	---	25.56	---	48.09
GWR-1	08/09/99	73.65	---	25.64	---	48.01
GWR-1	11/15/99	73.65	---	25.86	---	47.79
GWR-1	05/15/00	73.65	---	25.65	---	48.00
GWR-1	11/13/00	73.65	---	26.40	---	47.25
GWR-1	05/07/01	73.65	---	24.75	---	48.90
GWR-1	08/07/01	73.65	---	24.39	---	49.26
GWR-1	11/05/01	73.65	---	24.80	---	48.85
GWR-1	04/08/02	73.65	---	29.39	---	44.26

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GWR-1	10/21/02	73.65	---	26.03	---	47.62
GWR-1	04/07/03	73.65	---	25.69	---	47.96
GWR-1	10/06/03	73.65	---	25.36	---	48.29
GWR-1	01/11/04	73.65	---	26.72	---	46.93
GWR-1	04/19/04	73.65	---	NM	---	NC
GWR-1	05/02/05	73.65	---	21.62	---	52.03
GWR-1	08/01/05	73.65	---	22.06	---	51.59
GWR-1	10/31/05	73.65	---	24.16	---	49.49
GWR-1	05/01/06	73.65	---	22.70	---	50.95
GWR-1	09/18/06	73.65	---	24.31	---	49.34
GWR-1	12/04/06	73.65	---	23.95	---	49.70
GWR-1	04/30/07	73.65	---	41.65	---	32.00
GWR-1	11/12/07	73.65	---	24.05	---	49.60
GWR-1	04/14/08	73.65	---	24.40	---	49.25
GWR-1	10/13/08	73.65	---	25.06	---	48.59
GWR-1	04/20/09	77.40	---	28.78	---	48.62
GWR-1	10/19/09	77.40	---	29.98	---	47.42
GWR-1	05/24/10	77.40	---	26.37	---	51.03
GWR-1	05/28/10	77.40	---	25.91	---	51.49
GWR-1	10/04/10	77.40	---	26.15	---	51.25
GWR-1	04/11/11	77.40	---	27.50	---	49.90
GWR-1	10/10/11	77.40	---	25.45	---	51.95
GWR-1	04/16/12	77.40	---	27.53	---	49.87
GWR-1	07/09/12	77.40	---	NM	---	NC
GWR-1	10/15/12	77.40	---	29.21	---	48.19
GWR-1	04/08/13	77.40	---	29.28	---	48.12
GWR-1	10/07/13	77.40	---	29.66	---	47.74
GWR-1	04/14/14	77.40	---	30.31	---	47.09
GWR-1	10/27/14	77.40	---	30.81	---	46.59
GWR-1R	04/17/17	76.64	---	33.77	---	42.87
GWR-1R	10/02/17	76.64	---	37.26	---	39.38
GWR-1R	04/16/18	76.64	---	37.21	---	39.43
GWR-2	08/09/99	73.66	---	25.74	---	47.92
GWR-2	10/21/02	73.66	---	25.89	---	47.77
GWR-2	04/07/03	73.66	---	26.68	---	46.98
GWR-3	08/09/99	74.93	27.45	29.30	1.85	47.17
GWR-3	11/15/99	74.93	---	NM	---	NC
GWR-3	05/15/00	74.93	28.67	31.92	3.25	45.71
GWR-3	11/13/00	74.93	---	37.59	---	37.34
GWR-3	05/07/01	74.93	28.15	27.20	0.95	48.52
GWR-3	11/05/01	74.93	---	27.95	---	46.98
GWR-3	04/08/02	74.93	---	27.58	---	47.35
GWR-3	04/07/03	74.93	---	NM	---	NC
GWR-3	05/02/05	74.93	---	26.12	---	48.81
GWR-3	10/31/05	74.93	---	NM	---	NC
GWR-3	05/01/06	74.93	---	26.46	---	48.47
GWR-3	12/04/06	74.93	---	28.27	---	46.66
GWR-3	04/30/07	74.93	---	27.97	---	46.96
GWR-3	11/12/07	74.93	---	27.90	---	47.03
GWR-3	10/17/08	74.93	---	29.88	---	45.05
GWR-3	12/17/08	74.93	---	19.71	---	55.22
GWR-3	01/15/09	74.93	29.26	29.27	0.26	45.88
GWR-3	03/27/09	74.93	---	27.18	---	47.75
GWR-3	04/21/09	74.93	---	29.97	---	44.96
GWR-3	07/21/09	74.93	---	28.77	---	46.16

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GWR-3	10/19/09	74.93	---	NM	---	NC
GWR-3	10/04/10	74.93	---	30.67	---	44.26
GWR-3	04/11/11	74.93	---	29.94	---	44.99
GWR-3	10/10/11	74.93	---	29.22	---	45.71
GWR-3	04/16/12	74.93	---	29.56	---	45.37
GWR-3	07/09/12	---	---	NM	---	NC
GWR-3	10/15/12	77.60	---	31.21	---	46.39
GWR-3	04/08/13	77.60	29.18	29.21	0.03	48.41
GWR-3	10/07/13	77.60	31.67	36.20	4.53	45.16
GWR-3	04/14/14	77.60	32.23	38.80	6.57	44.25
GWR-3	05/05/14	77.60	32.31	38.81	6.50	44.18
GWR-3	05/12/14	77.60	32.77	36.34	3.57	44.22
GWR-3	05/27/14	77.60	33.20	36.11	2.91	43.91
GWR-3	06/04/14	77.60	31.61	34.57	2.96	45.49
GWR-3	08/08/14	77.60	33.38	37.92	4.54	43.45
GWR-3	08/13/14	77.60	33.18	35.38	2.20	44.05
GWR-3	08/19/14	77.60	33.25	35.28	2.03	44.00
GWR-3	08/29/14	77.60	33.12	35.72	2.60	44.04
GWR-3	09/05/14	77.60	33.19	35.68	2.49	43.99
GWR-3	09/11/14	77.60	33.04	36.05	3.01	44.05
GWR-3	09/18/14	77.60	33.27	35.34	2.07	43.98
GWR-3	09/26/14	77.60	33.24	35.25	2.01	44.02
GWR-3	10/01/14	77.60	34.01	36.44	2.43	43.18
GWR-3	10/06/14	77.60	33.33	34.71	1.38	44.04
GWR-3	10/14/14	77.60	33.20	35.15	1.95	44.07
GWR-3	10/23/14	77.60	33.20	35.36	2.16	44.03
GWR-3	10/27/14	77.60	33.49	34.68	1.19	43.91
GWR-3	11/03/14	77.60	33.18	35.43	2.25	44.04
GWR-3	11/10/14	77.60	33.32	35.02	1.70	43.99
GWR-3	11/18/14	77.60	33.34	35.05	1.71	43.97
GWR-3	11/25/14	77.60	33.36	35.04	1.68	43.95
GWR-3	12/03/14	77.60	33.34	34.95	1.61	43.99
GWR-3	12/12/14	77.60	33.64	35.11	1.47	43.71
GWR-3	12/19/14	77.60	33.67	35.55	1.88	43.61
GWR-3	04/20/15	77.60	33.34	37.25	3.91	43.60
GWR-3	07/24/15	77.60	33.95	41.30	7.35	42.40
GWR-3	08/12/15	77.60	34.42	37.03	2.61	42.74
GWR-3	10/20/15	77.60	34.65	35.98	1.33	42.72
GWR-3	03/16/16	77.60	---	38.60	---	39.00
GWR-3	04/11/16	77.60	---	36.90	---	40.70
GWR-3	06/29/16	77.60	---	37.77	---	39.83
GWR-3	08/22/16	77.60	---	38.24	---	39.36
GWR-3	10/03/16	77.60	39.15	39.20	0.05	38.44
GWR-3	10/03/16	77.60	39.15	39.20	0.05	NC
GWR-3	04/17/17	77.60	---	34.88	---	42.72
GWR-3	10/02/17	77.60	---	38.92	---	38.68
GWR-3	04/16/18	77.60	---	38.73	---	38.87
HL-1	08/07/01	75.83	---	26.46	---	49.37
HL-1	04/08/02	75.83	---	27.30	---	48.53
HL-1	11/04/02	75.83	---	28.12	---	47.71
HL-1	04/07/03	75.83	---	27.72	---	48.11
HL-1	10/06/03	75.83	---	27.30	---	48.53
HL-1	01/11/04	75.83	---	28.72	---	47.11
HL-1	04/19/04	75.83	---	28.41	---	47.42
HL-1	05/02/05	75.83	---	23.71	---	52.12

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
HL-1	10/31/05	75.83	---	25.43	---	50.40
HL-2	05/28/96	76.91	---	30.94	---	45.97
HL-2	11/20/96	76.91	---	30.15	---	46.76
HL-2	07/01/97	76.91	---	31.20	---	45.71
HL-2	12/31/97	76.91	---	30.34	---	46.57
HL-2	05/01/98	76.91	---	28.16	---	48.75
HL-2	05/04/99	76.91	---	28.10	---	48.81
HL-2	08/09/99	76.91	---	28.37	---	48.54
HL-2	11/15/99	76.91	---	28.08	---	48.83
HL-2	05/15/00	76.91	---	28.23	---	48.68
HL-2	11/13/00	76.91	---	29.21	---	47.70
HL-2	05/07/01	76.91	---	25.99	---	50.92
HL-2	05/10/01	76.91	---	27.89	---	49.02
HL-2	11/05/01	76.91	---	27.76	---	49.15
HL-2	04/08/02	76.91	---	28.12	---	48.79
HL-2	10/21/02	76.91	---	28.40	---	48.51
HL-2	04/07/03	76.91	---	28.70	---	48.21
HL-2	07/07/03	76.94	---	28.61	---	48.33
HL-2	10/06/03	76.91	---	28.50	---	48.41
HL-2	01/11/04	76.94	---	DRY	---	NC
HL-2	01/20/04	76.94	---	28.90	---	48.04
HL-2	04/19/04	76.94	---	29.24	---	47.70
HL-2	04/27/04	76.94	---	29.38	---	47.56
HL-2	06/07/04	76.94	---	29.58	---	47.36
HL-2	07/08/04	76.94	---	29.59	---	47.35
HL-2	05/02/05	76.94	---	26.61	---	50.33
HL-2	10/31/05	76.94	---	25.80	---	51.14
HL-2	05/01/06	76.94	---	26.04	---	50.90
HL-2	12/04/06	76.94	---	26.83	---	50.11
HL-2	04/30/07	76.94	---	26.81	---	50.13
HL-2	11/12/07	76.94	---	27.29	---	49.65
HL-2	04/14/08	76.94	---	27.10	---	49.84
HL-2	10/13/08	76.94	---	28.06	---	48.88
HL-2	04/20/09	76.94	---	28.28	---	48.66
HL-2	10/19/09	76.94	---	29.03	---	47.91
HL-2	05/24/10	76.94	---	29.36	---	47.58
HL-2	05/28/10	76.94	---	29.38	---	47.56
HL-2	10/04/10	76.94	---	29.25	---	47.69
HL-2	01/10/11	76.94	---	29.90	---	47.04
HL-2	04/11/11	76.94	---	28.73	---	48.21
HL-2	07/11/11	76.94	---	NM	---	NC
HL-2	10/10/11	76.94	---	28.54	---	48.40
HL-2	01/09/12	76.94	---	29.10	---	47.84
HL-2	04/16/12	76.94	---	29.50	---	47.44
HL-2	07/09/12	76.94	---	30.22	---	46.72
HL-2	10/15/12	76.94	---	30.22	---	46.72
HL-2	01/14/13	76.94	---	31.02	---	45.92
HL-2	04/08/13	76.94	---	30.99	---	45.95
HL-2	10/07/13	76.94	---	32.21	---	44.73
HL-2	04/14/14	76.94	---	32.53	---	44.41
HL-2	10/27/14	76.94	---	32.89	---	44.05
HL-2	04/20/15	76.94	---	33.37	---	43.57
HL-2	10/19/15	76.94	---	34.08	---	42.86
HL-2	04/11/16	76.94	---	35.51	---	41.43
HL-2	10/03/16	76.94	---	35.17	---	41.77

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
HL-2	10/03/16	76.94	---	35.17	---	41.77
HL-2	04/17/17	76.94	---	34.45	---	42.49
HL-2	10/02/17	76.94	---	37.24	---	39.70
HL-2	04/16/18	76.94	---	37.49	---	39.45
HL-3	05/07/01	76.86	---	27.92	---	48.94
HL-3	11/05/01	76.86	---	27.99	---	48.87
HL-3	04/08/02	76.86	---	28.73	---	48.13
HL-3	10/21/02	76.86	---	29.13	---	47.73
HL-3	04/07/03	76.86	---	29.04	---	47.82
HL-3	10/06/03	76.86	---	28.74	---	48.12
HL-3	01/11/04	76.86	---	30.21	---	46.65
HL-3	04/19/04	76.86	---	29.98	---	46.88
HL-3	05/02/05	76.86	---	24.80	---	52.06
HL-3	10/31/05	76.86	---	26.28	---	50.58
HL-3	05/01/06	76.86	---	26.01	---	50.85
HL-3	12/04/06	76.86	---	26.86	---	50.00
HL-3	04/30/07	76.86	---	26.92	---	49.94
HL-3	11/12/07	76.86	---	27.39	---	49.47
HL-3	04/14/08	76.86	---	27.62	---	49.24
HL-3	10/13/08	76.86	---	28.29	---	48.57
HL-3	04/20/09	76.86	---	28.45	---	48.41
HL-3	10/19/09	76.86	---	29.46	---	47.40
HL-3	05/24/10	76.86	---	29.27	---	47.59
HL-3	05/28/10	76.86	---	29.34	---	47.52
HL-3	10/04/10	76.86	---	29.36	---	47.50
HL-3	04/11/11	76.86	---	28.28	---	48.58
HL-3	10/10/11	76.86	---	28.70	---	48.16
HL-3	04/16/12	76.86	---	29.83	---	47.03
HL-3	07/09/12	76.86	---	NM	---	NC
HL-3	10/15/12	76.86	---	30.64	---	46.22
HL-3	04/08/13	76.86	---	31.61	---	45.25
HL-3	10/07/13	76.86	---	32.50	---	44.36
HL-3	04/14/14	76.86	---	32.68	---	44.18
HL-3	10/27/14	76.86	---	32.93	---	43.93
HL-3	04/20/15	76.86	---	33.43	---	43.43
HL-3	10/19/15	76.86	---	34.15	---	42.71
HL-3	03/14/16	76.86	---	36.84	---	40.02
HL-3	04/11/16	76.86	---	36.03	---	40.83
HL-3	06/29/16	76.86	---	36.60	---	40.26
HL-3	08/22/16	76.86	---	36.53	---	40.33
HL-3	10/03/16	76.86	---	37.22	---	39.64
HL-3	10/03/16	76.86	---	37.22	---	39.64
HL-3	04/17/17	76.86	---	34.06	---	42.80
HL-3	10/02/17	76.86	---	37.15	---	39.71
HL-3	04/16/18	76.86	---	37.19	---	39.67
HL-4	05/28/96	75.75	---	NM	---	NC
HL-4	11/20/96	75.75	---	NM	---	NC
HL-4	07/01/97	75.75	---	NM	---	NC
HL-4	12/31/97	75.75	---	NM	---	NC
HL-4	05/01/98	75.75	---	NM	---	NC
HL-4	05/07/99	75.75	---	27.76	---	47.99
HL-4	08/09/99	75.75	---	27.77	---	47.98
HL-4	11/15/99	75.75	---	27.85	---	47.90
HL-4	05/15/00	75.75	---	19.32	---	56.43
HL-4	11/13/00	75.75	---	28.59	---	47.16

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
HL-4	05/07/01	75.75	---	26.93	---	48.82
HL-4	08/07/01	75.75	---	NM	---	NC
HL-4	11/05/01	75.75	---	26.90	---	48.85
HL-4	04/08/02	75.75	---	27.42	---	48.33
HL-4	10/21/02	75.75	---	28.02	---	47.73
HL-4	04/07/03	75.75	---	25.86	---	49.89
HL-4	10/06/03	75.75	---	27.59	---	48.16
HL-4	01/11/04	75.75	---	29.01	---	46.74
HL-4	04/19/04	75.75	---	28.81	---	46.94
HL-5	08/07/01	76.53	---	27.29	---	49.24
HL-5	10/21/02	76.13	---	28.40	---	47.73
HL-5	04/07/03	76.13	---	26.06	---	50.07
HL-5	10/06/03	76.13	---	27.65	---	48.48
HL-5	01/11/04	76.13	---	29.07	---	47.06
HL-5	04/19/04	76.13	---	28.88	---	47.25
MW-6	05/28/96	77.20	---	30.52	---	46.68
MW-6	11/20/96	77.20	---	30.88	---	46.32
MW-6	07/01/97	77.20	---	32.12	---	45.08
MW-6	12/31/97	77.20	---	31.26	---	45.94
MW-6	05/01/98	77.20	---	29.15	---	48.05
MW-6	05/03/99	77.20	---	29.46	---	47.74
MW-6	08/09/99	77.20	---	29.65	---	47.55
MW-6	11/15/99	77.20	---	29.73	---	47.47
MW-6	05/15/00	77.20	---	29.39	---	47.81
MW-6	11/13/00	77.20	---	30.70	---	46.50
MW-6	05/07/01	77.20	---	28.88	---	48.32
MW-6	11/05/01	77.20	---	28.53	---	48.67
MW-6	04/08/02	77.20	---	29.29	---	47.91
MW-6	04/08/02	77.20	---	29.51	---	47.69
MW-6	10/21/02	77.20	---	29.40	---	47.80
MW-6	04/07/03	77.20	---	29.67	---	47.53
MW-6	10/06/03	77.20	---	29.48	---	47.72
MW-6	01/11/04	77.20	---	30.31	---	46.89
MW-6	04/19/04	77.20	---	30.29	---	46.91
MW-6	05/02/05	77.20	---	27.00	---	50.20
MW-6	10/31/05	77.20	---	26.36	---	50.84
MW-6	05/01/06	77.20	---	26.79	---	50.41
MW-6	12/04/06	77.20	---	27.41	---	49.79
MW-6	04/30/07	77.20	---	27.47	---	49.73
MW-6	11/12/07	77.20	---	27.72	---	49.48
MW-6	04/14/08	77.20	---	28.13	---	49.07
MW-6	10/13/08	77.20	---	30.63	---	46.57
MW-6	04/20/09	77.20	---	28.80	---	48.40
MW-6	10/19/09	77.20	---	29.48	---	47.72
MW-6	05/24/10	77.20	---	30.33	---	46.87
MW-6	05/28/10	77.20	---	30.17	---	47.03
MW-6	10/04/10	77.20	---	29.80	---	47.40
MW-6	04/11/11	77.20	---	29.14	---	48.06
MW-6	10/10/11	77.20	---	29.04	---	48.16
MW-6	04/16/12	77.20	---	30.10	---	47.10
MW-6	07/09/12	77.20	---	NM	---	NC
MW-6	10/15/12	77.20	---	30.91	---	46.29
MW-6	04/08/13	77.20	---	31.30	---	45.90
MW-6	10/07/13	77.20	---	32.14	---	45.06
MW-6	04/14/14	77.20	---	32.98	---	44.22

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-6	10/27/14	77.20	---	33.33	---	43.87
MW-6	04/20/15	77.20	---	33.79	---	43.41
MW-6	10/19/15	77.20	---	34.47	---	42.73
MW-6	04/11/16	77.20	---	35.25	---	41.95
MW-6	10/03/16	77.20	---	35.13	---	42.07
MW-6	10/03/16	77.20	---	35.13	---	42.07
MW-6	04/17/17	77.20	---	34.93	---	42.27
MW-6	10/02/17	77.20	---	35.97	---	41.23
MW-6	04/16/18	77.20	---	36.44	---	40.76
MW-7	05/28/96	78.13	---	32.10	---	46.03
MW-7	11/20/96	78.13	---	32.65	---	45.48
MW-7	07/01/97	78.13	---	34.04	---	44.09
MW-7	12/31/97	78.13	---	32.78	---	45.35
MW-7	05/01/98	78.13	---	30.17	---	47.96
MW-7	05/03/99	78.13	---	30.64	---	47.49
MW-7	08/09/99	78.13	---	30.56	---	47.57
MW-7	11/15/99	78.13	---	30.40	---	47.73
MW-7	05/15/00	78.13	---	30.30	---	47.83
MW-7	11/13/00	78.13	---	31.69	---	46.44
MW-7	05/07/01	78.13	---	29.43	---	48.70
MW-7	11/05/01	78.13	---	29.34	---	48.79
MW-7	04/08/02	78.13	---	30.05	---	48.08
MW-7	10/21/02	78.13	---	30.42	---	47.71
MW-7	04/07/03	78.13	---	31.46	---	46.67
MW-7	10/06/03	78.13	---	30.50	---	47.63
MW-7	01/11/04	78.13	---	32.16	---	45.97
MW-7	04/19/04	78.13	---	32.30	---	45.83
MW-7	05/02/05	78.13	---	27.06	---	51.07
MW-7	10/31/05	78.13	---	27.11	---	51.02
MW-7	05/01/06	78.13	---	27.51	---	50.62
MW-7	12/04/06	78.13	---	28.34	---	49.79
MW-7	04/30/07	78.13	---	28.37	---	49.76
MW-7	11/12/07	78.13	---	28.73	---	49.40
MW-7	04/14/08	78.13	---	29.75	---	48.38
MW-7	10/13/08	78.13	---	29.63	---	48.50
MW-7	04/20/09	78.13	---	29.76	---	48.37
MW-7	10/19/09	78.13	---	30.70	---	47.43
MW-7	05/24/10	78.13	---	30.70	---	47.43
MW-7	05/28/10	78.13	---	30.68	---	47.45
MW-7	10/04/10	78.13	---	28.16	---	49.97
MW-7	04/11/11	78.13	---	29.64	---	48.49
MW-7	10/10/11	78.13	---	30.02	---	48.11
MW-7	04/16/12	78.13	---	31.04	---	47.09
MW-7	07/09/12	78.13	---	NM	---	NC
MW-7	10/15/12	78.13	---	31.81	---	46.32
MW-7	04/08/13	78.13	---	32.54	---	45.59
MW-7	10/07/13	78.13	---	33.04	---	45.09
MW-7	04/14/14	78.13	---	34.00	---	44.13
MW-7	10/27/14	78.13	---	34.19	---	43.94
MW-7	04/20/15	78.13	---	34.70	---	43.43
MW-7	10/19/15	78.13	---	35.36	---	42.77
MW-7	04/11/16	78.13	---	36.75	---	41.38
MW-7	10/03/16	78.13	---	37.90	---	40.23
MW-7	10/03/16	78.13	---	37.90	---	40.23
MW-7	04/17/17	78.13	---	35.26	---	42.87

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-7	10/02/17	78.13	---	37.74	---	40.39
MW-7	04/16/18	78.13	---	38.07	---	40.06
MW-8	05/28/96	76.06	---	26.96	---	49.10
MW-8	11/20/96	76.06	---	28.06	---	48.00
MW-8	05/03/99	76.06	---	25.82	---	50.24
MW-8	08/09/99	76.06	---	26.30	---	49.76
MW-8	11/15/99	76.06	---	26.93	---	49.13
MW-8	05/15/00	76.06	---	26.64	---	49.42
MW-8	11/13/00	76.06	---	27.69	---	48.37
MW-8	02/05/01	76.06	---	27.15	---	48.91
MW-8	05/07/01	76.06	---	25.43	---	50.63
MW-8	09/18/01	76.06	---	25.87	---	50.19
MW-8	11/05/01	76.06	---	NM	---	NC
MW-8	01/29/02	76.06	---	26.33	---	49.73
MW-8	04/08/02	76.06	---	26.70	---	49.36
MW-8	10/21/02	76.06	---	27.87	---	48.19
MW-8	01/27/03	76.06	---	27.39	---	48.67
MW-8	04/07/03	76.06	---	26.75	---	49.31
MW-8	07/31/03	76.06	---	26.56	---	49.50
MW-8	10/06/03	76.06	---	26.82	---	49.24
MW-8	01/11/04	76.06	---	28.25	---	47.81
MW-8	01/27/04	76.06	---	27.52	---	48.54
MW-8	04/19/04	76.06	---	29.21	---	46.85
MW-8	07/19/04	76.06	---	27.68	---	48.38
MW-8	02/01/05	76.06	---	26.49	---	49.57
MW-8	05/02/05	76.06	---	22.01	---	54.05
MW-8	08/01/05	76.06	---	23.19	---	52.87
MW-8	10/31/05	76.06	---	25.72	---	50.34
MW-8	02/27/06	76.06	---	24.41	---	51.65
MW-8	05/01/06	76.06	---	24.37	---	51.69
MW-8	09/18/06	76.06	---	25.21	---	50.85
MW-8	12/04/06	76.06	---	25.46	---	50.60
MW-8	03/12/07	76.06	---	25.98	---	50.08
MW-8	04/30/07	76.06	---	25.18	---	50.88
MW-8	08/28/07	76.06	---	26.90	---	49.16
MW-8	11/12/07	76.06	---	26.40	---	49.66
MW-8	02/19/08	76.06	---	26.79	---	49.27
MW-8	04/14/08	76.06	---	26.29	---	49.77
MW-8	10/13/08	76.06	---	27.27	---	48.79
MW-8	04/20/09	76.06	---	27.19	---	48.87
MW-8	10/19/09	76.06	---	28.71	---	47.35
MW-8	05/24/10	76.06	---	27.91	---	48.15
MW-8	05/28/10	76.06	---	27.90	---	48.16
MW-8	10/04/10	76.06	---	28.16	---	47.90
MW-8	01/10/11	76.06	---	28.53	---	47.53
MW-8	04/11/11	76.06	---	26.84	---	49.22
MW-8	07/11/11	76.06	---	NM	---	NC
MW-8	10/10/11	76.06	---	27.65	---	48.41
MW-8	01/09/12	76.06	---	28.31	---	47.75
MW-8	04/16/12	76.06	---	28.77	---	47.29
MW-8	07/09/12	76.06	---	29.63	---	46.43
MW-8	10/15/12	76.06	---	29.48	---	46.58
MW-8	01/14/13	76.06	---	30.82	---	45.24
MW-8	04/08/13	76.06	---	30.56	---	45.50
MW-8	10/07/13	76.06	---	31.15	---	44.91

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-8	04/14/14	76.06	---	31.10	---	44.96
MW-8	10/27/14	76.06	---	31.51	---	44.55
MW-8	04/20/15	76.06	---	31.86	---	44.20
MW-8	10/19/15	76.06	---	32.69	---	43.37
MW-8	04/11/16	76.06	---	33.57	---	42.49
MW-8	10/03/16	76.06	---	34.20	---	41.86
MW-8	10/03/16	76.06	---	34.20	---	41.86
MW-8	04/17/17	76.06	---	32.21	---	43.85
MW-8	10/02/17	76.06	---	33.64	---	42.42
MW-8	04/16/18	76.06	---	34.66	---	41.40
MW-9	11/20/96	77.11	---	29.76	---	47.35
MW-9	07/01/97	77.11	---	29.41	---	47.70
MW-9	12/31/97	77.11	---	29.72	---	47.39
MW-9	05/01/98	77.11	---	26.20	---	50.91
MW-9	08/09/99	77.11	28.08	28.50	0.42	48.95
MW-9	11/15/99	77.11	---	28.58	---	48.53
MW-9	11/19/99	77.11	---	NM	---	NC
MW-9	11/13/00	77.11	28.92	28.94	0.02	48.19
MW-9	05/07/01	77.11	---	24.26	---	52.85
MW-9	05/10/01	77.11	---	27.13	---	49.98
MW-9	09/18/01	77.11	27.49	27.50	0.01	49.62
MW-9	11/05/01	77.11	---	27.59	---	49.52
MW-9	04/08/02	77.11	28.21	28.30	0.09	48.88
MW-9	10/21/02	77.11	29.10	29.16	0.06	48.00
MW-9	04/07/03	77.11	28.41	28.42	0.01	48.70
MW-9	10/06/03	77.11	28.47	28.48	0.01	48.64
MW-9	01/11/04	77.11	---	29.63	---	47.48
MW-9	04/19/04	77.11	27.50	27.53	0.03	49.60
MW-9	05/02/05	77.11	---	23.61	---	53.50
MW-9	10/31/05	77.11	25.31	25.62	0.31	51.74
MW-9	05/01/06	77.11	25.71	25.75	0.04	51.39
MW-9	12/04/06	77.11	---	26.67	---	50.44
MW-9	04/30/07	77.11	---	27.29	---	49.82
MW-9	08/28/07	77.11	25.29	26.88	1.59	51.50
MW-9	11/12/07	77.11	27.65	27.69	0.04	49.45
MW-9	04/14/08	77.11	---	27.87	---	49.24
MW-9	10/13/08	77.11	---	28.43	---	48.68
MW-9	04/20/09	77.11	---	28.14	---	48.97
MW-9	10/19/09	77.11	29.36	29.40	0.04	47.74
MW-9	05/24/10	77.11	---	29.11	---	48.00
MW-9	05/28/10	77.11	---	29.04	---	48.07
MW-9	10/04/10	77.11	---	29.35	---	47.76
MW-9	04/11/11	77.11	---	28.18	---	48.93
MW-9	10/10/11	77.11	---	28.66	---	48.45
MW-9	04/16/12	77.11	---	30.22	---	46.89
MW-9	07/09/12	77.11	---	NM	---	NC
MW-9	10/15/12	77.11	---	31.30	---	45.81
MW-9	04/08/13	77.11	---	31.40	---	45.71
MW-9	10/07/13	77.11	---	31.95	---	45.16
MW-9	04/14/14	77.11	---	32.55	---	44.56
MW-9	10/27/14	77.11	---	32.89	---	44.22
MW-9	04/20/15	77.11	---	33.24	---	43.87
MW-9	10/19/15	77.11	---	34.05	---	43.06
MW-9	04/11/16	77.11	---	35.43	---	41.68
MW-9	10/03/16	77.11	---	33.56	---	43.55

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-9	10/03/16	77.11	---	33.56	---	43.55
MW-9	04/17/17	77.11	---	31.80	---	45.31
MW-9	10/02/17	77.11	---	36.45	---	40.66
MW-9	04/16/18	77.11	---	36.90	---	40.21
MW-10	05/28/96	79.12	---	32.22	---	46.90
MW-10	11/20/96	79.12	---	32.80	---	46.32
MW-10	07/01/97	79.12	---	32.86	---	46.26
MW-10	12/31/97	79.12	---	32.92	---	46.20
MW-10	05/01/98	79.12	---	30.28	---	48.84
MW-10	05/25/99	79.12	---	30.79	---	48.33
MW-10	05/15/00	79.12	---	32.32	---	46.80
MW-10	11/13/00	79.12	---	30.90	---	48.22
MW-10	05/07/01	79.12	---	31.21	---	47.91
MW-10	04/08/02	79.12	---	31.91	---	47.21
MW-10	10/21/02	79.12	---	31.53	---	47.59
MW-10	04/07/03	79.12	---	31.15	---	47.97
MW-10	10/06/03	79.12	---	31.11	---	48.01
MW-10	04/19/04	79.12	---	32.12	---	47.00
MW-10	11/01/04	79.12	---	31.96	---	47.16
MW-10	05/02/05	79.12	---	27.68	---	51.44
MW-10	03/06/06	79.12	---	28.44	---	50.68
MW-10	05/01/06	79.12	---	28.87	---	50.25
MW-10	08/26/06	79.12	---	29.17	---	49.95
MW-10	12/01/06	79.12	---	29.52	---	49.60
MW-10	03/21/07	79.12	---	29.71	---	49.41
MW-10	04/27/07	79.12	---	29.90	---	49.22
MW-10	08/28/07	79.12	---	30.22	---	48.90
MW-10	11/12/07	79.12	---	30.50	---	48.62
MW-10	02/05/08	79.12	---	30.90	---	48.22
MW-10	04/11/08	79.12	---	30.31	---	48.81
MW-10	07/24/08	79.12	---	30.48	---	48.64
MW-10	10/13/08	79.12	---	31.39	---	47.73
MW-10	02/09/09	79.12	---	30.05	---	49.07
MW-10	07/16/09	79.12	---	31.42	---	47.70
MW-10	04/07/10	79.12	---	32.00	---	47.12
MW-10	10/01/10	79.12	---	32.09	---	47.03
MW-10	01/06/11	79.12	---	32.22	---	46.90
MW-10	04/08/11	79.12	---	31.24	---	47.88
MW-10	07/07/11	79.12	---	31.37	---	47.75
MW-10	10/06/11	79.12	---	31.71	---	47.41
MW-10	04/12/12	79.12	---	32.63	---	46.49
MW-10	01/10/13	79.12	---	33.78	---	45.34
MW-10	04/02/13	79.12	---	33.70	---	45.42
MW-10	04/07/14	79.12	---	35.23	---	43.89
MW-10	04/14/16	79.12	---	37.01	---	42.11
MW-11	05/28/96	78.17	27.63	30.52	2.89	49.96
MW-11	11/20/96	78.17	31.31	33.60	2.29	46.40
MW-11	07/01/97	78.17	31.89	34.15	2.26	45.83
MW-11	12/31/97	78.17	31.42	33.49	2.07	46.34
MW-11	05/01/98	78.17	26.96	28.75	1.79	50.85
MW-11	05/25/99	78.17	29.93	29.95	0.02	48.24
MW-11	05/15/00	78.17	---	29.88	---	48.29
MW-11	11/13/00	78.17	---	31.47	---	46.70
MW-11	05/07/01	78.17	---	28.95	---	49.22
MW-11	04/08/02	78.17	---	30.70	---	47.47

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-11	10/21/02	78.17	---	29.98	---	48.19
MW-11	04/07/03	78.17	---	29.95	---	48.22
MW-11	10/06/03	78.17	---	30.36	---	47.81
MW-11	04/19/04	78.17	---	31.94	---	46.23
MW-11	11/01/04	78.17	---	30.80	---	47.37
MW-11	05/02/05	78.17	---	26.97	---	51.20
MW-11	05/01/06	78.17	---	27.86	---	50.31
MW-11	08/26/06	78.17	---	28.28	---	49.89
MW-11	12/01/06	78.17	---	28.56	---	49.61
MW-11	04/30/07	78.17	---	28.94	---	49.23
MW-11	11/12/07	78.17	---	29.50	---	48.67
MW-11	04/11/08	78.17	---	29.15	---	49.02
MW-11	10/14/08	78.17	---	30.18	---	47.99
MW-11	04/20/09	78.17	---	30.00	---	48.17
MW-11	10/19/09	78.17	---	30.91	---	47.26
MW-11	04/07/10	78.17	---	30.72	---	47.45
MW-11	04/12/10	78.17	---	30.55	---	47.62
MW-11	10/01/10	78.17	---	30.97	---	47.20
MW-11	01/07/11	78.17	---	31.12	---	47.05
MW-11	04/12/12	78.17	---	31.52	---	46.65
MW-11	04/19/12	78.17	---	31.34	---	46.83
MW-11	04/05/13	78.17	---	32.71	---	45.46
MW-12	05/28/96	75.76	---	28.18	---	47.58
MW-12	11/20/96	75.76	---	28.97	---	46.79
MW-12	07/01/97	75.76	---	29.49	---	46.27
MW-12	12/31/97	75.76	---	28.98	---	46.78
MW-12	05/01/98	75.76	---	26.27	---	49.49
MW-12	05/04/99	75.76	---	27.53	---	48.23
MW-12	11/15/99	75.76	---	27.65	---	48.11
MW-12	05/15/00	75.76	---	30.34	---	45.42
MW-12	11/13/00	75.76	---	27.44	---	48.32
MW-12	11/13/00	75.76	---	27.38	---	48.38
MW-12	05/07/01	75.76	---	26.72	---	49.04
MW-12	11/05/01	75.76	---	26.75	---	49.01
MW-12	04/08/02	75.76	---	27.52	---	48.24
MW-12	04/08/02	75.76	---	27.70	---	48.06
MW-12	10/21/02	75.76	---	28.08	---	47.68
MW-12	10/21/02	75.76	---	28.09	---	47.67
MW-12	04/07/03	75.76	---	27.77	---	47.99
MW-12	10/06/03	75.76	---	27.60	---	48.16
MW-12	01/11/04	75.76	---	29.91	---	45.85
MW-12	04/19/04	75.76	---	28.71	---	47.05
MW-12	05/02/05	75.76	---	23.56	---	52.20
MW-12	05/02/05	75.76	---	23.42	---	52.34
MW-12	10/31/05	75.76	---	25.61	---	50.15
MW-12	05/01/06	75.76	---	25.09	---	50.67
MW-12	05/01/06	75.76	---	24.85	---	50.91
MW-12	12/01/06	75.76	---	25.65	---	50.11
MW-12	12/04/06	75.76	---	25.69	---	50.07
MW-12	04/30/07	75.76	---	26.25	---	49.51
MW-12	04/30/07	75.76	---	25.80	---	49.96
MW-12	11/12/07	75.76	---	27.12	---	48.64
MW-12	11/12/07	75.76	---	26.23	---	49.53
MW-12	04/11/08	75.76	---	26.69	---	49.07
MW-12	04/14/08	75.76	---	29.47	---	46.29

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-12	10/13/08	75.76	---	27.30	---	48.46
MW-12	10/14/08	75.76	---	27.59	---	48.17
MW-12	04/20/09	75.76	---	27.34	---	48.42
MW-12	10/19/09	75.76	---	28.88	---	46.88
MW-12	04/08/10	75.76	---	27.93	---	47.83
MW-12	05/24/10	75.76	---	28.16	---	47.60
MW-12	05/28/10	75.76	---	28.10	---	47.66
MW-12	10/04/10	75.76	---	28.21	---	47.55
MW-12	04/11/11	75.76	---	27.14	---	48.62
MW-12	10/10/11	75.76	---	27.92	---	47.84
MW-12	04/16/12	75.76	---	29.10	---	46.66
MW-12	07/09/12	75.76	---	NM	---	NC
MW-12	10/15/12	75.76	---	30.31	---	45.45
MW-12	04/08/13	75.76	---	30.53	---	45.23
MW-12	10/07/13	75.76	---	31.02	---	44.74
MW-12	04/14/14	75.76	---	31.61	---	44.15
MW-12	10/27/14	75.76	---	31.88	---	43.88
MW-12	04/20/15	75.76	---	32.39	---	43.37
MW-12	11/06/15	75.76	---	34.12	---	41.64
MW-12	04/11/16	75.76	---	34.56	---	41.20
MW-12	10/03/16	75.76	---	35.84	---	39.92
MW-12	10/03/16	75.76	---	35.84	---	39.92
MW-12	04/17/17	75.76	---	32.97	---	42.79
MW-12	10/02/17	75.76	---	35.85	---	39.91
MW-12	04/16/18	75.76	---	35.98	---	39.78
MW-13	05/28/96	78.25	---	30.80	---	47.45
MW-13	11/20/96	78.25	---	31.60	---	46.65
MW-13	07/01/97	78.25	---	30.70	---	47.55
MW-13	12/31/97	78.25	---	31.24	---	47.01
MW-13	05/01/98	78.25	---	28.22	---	50.03
MW-13	05/25/99	78.25	---	29.19	---	49.06
MW-13	05/15/00	78.25	---	29.95	---	48.30
MW-13	11/13/00	78.25	---	27.21	---	51.04
MW-13	02/05/01	78.25	---	29.42	---	48.83
MW-13	05/07/01	78.25	---	28.95	---	49.30
MW-13	04/08/02	78.25	---	30.33	---	47.92
MW-13	09/19/02	78.25	---	30.73	---	47.52
MW-13	10/21/02	78.25	---	30.88	---	47.37
MW-13	04/07/03	78.25	---	30.05	---	48.20
MW-13	10/06/03	78.25	---	29.76	---	48.49
MW-13	04/19/04	78.25	---	30.50	---	47.75
MW-13	11/01/04	78.25	---	30.85	---	47.40
MW-13	02/28/05	78.25	---	27.54	---	50.71
MW-13	05/02/05	78.25	---	25.62	---	52.63
MW-13	03/06/06	78.25	---	27.70	---	50.55
MW-13	05/01/06	78.25	---	27.70	---	50.55
MW-13	08/26/06	78.25	---	28.04	---	50.21
MW-13	12/01/06	78.25	---	28.49	---	49.76
MW-13	03/21/07	78.25	---	28.58	---	49.67
MW-13	04/27/07	78.25	---	29.00	---	49.25
MW-13	08/28/07	78.25	---	29.10	---	49.15
MW-13	11/12/07	78.25	---	29.46	---	48.79
MW-13	02/05/08	78.25	---	30.00	---	48.25
MW-13	04/11/08	78.25	---	29.23	---	49.02
MW-13	07/24/08	78.25	---	29.71	---	48.54

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-13	10/13/08	78.25	---	30.50	---	47.75
MW-13	02/09/09	78.25	---	29.88	---	48.37
MW-13	04/20/09	78.25	---	30.00	---	48.25
MW-13	07/16/09	78.25	---	30.51	---	47.74
MW-13	10/19/09	78.25	---	30.85	---	47.40
MW-13	04/07/10	78.25	---	30.83	---	47.42
MW-13	04/12/10	78.25	---	30.82	---	47.43
MW-13	01/06/11	78.25	---	31.27	---	46.98
MW-13	04/07/11	78.25	---	29.93	---	48.32
MW-13	07/07/11	78.25	---	30.19	---	48.06
MW-13	10/06/11	78.25	---	30.78	---	47.47
MW-13	04/12/12	78.25	---	31.76	---	46.49
MW-13	04/17/12	78.25	---	31.46	---	46.79
MW-13	01/10/13	78.25	---	32.78	---	45.47
MW-13	04/02/13	78.25	---	32.76	---	45.49
MW-13	04/08/13	78.25	---	32.75	---	45.50
MW-13	10/01/13	78.25	---	33.48	---	44.77
MW-13	04/09/14	78.25	---	34.03	---	44.22
MW-13	04/15/14	78.25	---	33.93	---	44.32
MW-13	10/27/14	78.25	---	34.39	---	43.86
MW-13	04/20/15	78.25	---	34.42	---	43.83
MW-13	04/12/16	78.25	---	36.02	---	42.23
MW-13	10/03/16	78.25	---	36.45	---	41.80
MW-13	04/17/17	78.25	---	35.65	---	42.60
MW-13	10/03/17	78.25	---	36.48	---	41.77
MW-13	04/16/18	78.25	---	37.02	---	41.23
MW-14	05/28/96	78.60	---	32.31	---	46.29
MW-14	11/20/96	78.60	---	32.52	---	46.08
MW-14	07/01/97	78.60	---	33.64	---	44.96
MW-14	12/31/97	78.60	---	32.91	---	45.69
MW-14	05/01/98	78.60	---	30.93	---	47.67
MW-14	02/03/99	78.60	---	30.99	---	47.61
MW-14	05/07/99	78.60	---	31.84	---	46.76
MW-14	05/25/99	78.60	---	30.85	---	47.75
MW-14	08/09/99	78.60	---	32.23	---	46.37
MW-14	02/29/00	78.60	---	31.43	---	47.17
MW-14	05/15/00	78.60	---	31.22	---	47.38
MW-14	08/28/00	78.60	---	31.78	---	46.82
MW-14	11/13/00	78.60	---	31.72	---	46.88
MW-14	02/05/01	78.60	---	31.25	---	47.35
MW-14	05/07/01	78.60	---	30.55	---	48.05
MW-14	05/07/01	78.60	---	NM	---	NC
MW-14	09/18/01	78.60	---	30.42	---	48.18
MW-14	01/29/02	78.60	---	30.89	---	47.71
MW-14	04/08/02	78.60	---	31.22	---	47.38
MW-14	07/29/02	78.60	---	31.02	---	47.58
MW-14	10/21/02	78.60	---	31.08	---	47.52
MW-14	01/27/03	78.60	---	30.78	---	47.82
MW-14	04/07/03	78.60	---	30.90	---	47.70
MW-14	10/06/03	78.60	---	30.96	---	47.64
MW-14	04/19/04	78.60	---	31.51	---	47.09
MW-14	11/01/04	78.60	---	31.61	---	46.99
MW-14	02/28/05	78.60	---	29.79	---	48.81
MW-14	05/02/05	78.60	---	28.31	---	50.29
MW-14	03/06/06	78.60	---	28.34	---	50.26

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-14	05/01/06	78.60	---	28.76	---	49.84
MW-14	08/26/06	78.60	---	28.89	---	49.71
MW-14	12/01/06	78.60	---	29.15	---	49.45
MW-14	03/21/07	78.60	---	29.21	---	49.39
MW-14	04/30/07	78.60	---	29.44	---	49.16
MW-14	08/28/07	78.60	---	29.77	---	48.83
MW-14	11/12/07	78.60	---	29.91	---	48.69
MW-14	02/05/08	78.60	---	30.24	---	48.36
MW-14	04/11/08	78.60	---	29.73	---	48.87
MW-14	07/24/08	78.60	---	30.21	---	48.39
MW-14	10/13/08	78.60	---	30.71	---	47.89
MW-14	02/09/09	78.60	---	30.77	---	47.83
MW-14	04/20/09	78.60	---	30.80	---	47.80
MW-14	07/16/09	78.60	---	31.21	---	47.39
MW-14	07/20/09	78.60	---	31.31	---	47.29
MW-14	10/19/09	78.60	---	31.43	---	47.17
MW-14	01/11/10	78.60	---	31.94	---	46.66
MW-14	04/07/10	78.60	---	31.79	---	46.81
MW-14	04/12/10	78.60	---	31.44	---	47.16
MW-14	01/06/11	78.60	---	32.86	---	45.74
MW-14	04/06/11	78.60	---	31.13	---	47.47
MW-14	07/07/11	78.60	---	31.13	---	47.47
MW-14	10/06/11	78.60	---	31.31	---	47.29
MW-14	01/09/12	78.60	---	31.40	---	47.20
MW-14	04/12/12	78.60	---	32.07	---	46.53
MW-14	04/18/12	78.60	---	31.83	---	46.77
MW-14	01/11/13	78.60	---	33.24	---	45.36
MW-14	04/02/13	78.60	---	33.13	---	45.47
MW-14	04/08/13	78.60	---	33.80	---	44.80
MW-14	10/01/13	78.60	---	33.90	---	44.70
MW-14	04/07/14	78.60	---	34.98	---	43.62
MW-14	10/27/14	78.60	---	35.03	---	43.57
MW-14	04/20/15	78.60	---	35.38	---	43.22
MW-14	04/11/16	78.60	---	36.49	---	42.11
MW-14	10/03/16	78.60	---	36.37	---	42.23
MW-14	04/17/17	78.60	---	36.99	---	41.61
MW-14	10/02/17	78.60	---	37.31	---	41.29
MW-14	04/16/18	78.60	---	37.64	---	40.96
MW-15	05/28/96	76.99	---	28.96	---	48.03
MW-15	11/20/96	76.99	---	29.78	---	47.21
MW-15	07/01/97	76.99	---	29.53	---	47.46
MW-15	12/31/97	76.99	---	29.90	---	47.09
MW-15	05/01/98	76.99	---	26.57	---	50.42
MW-15	05/03/99	76.99	---	28.06	---	48.93
MW-15	08/09/99	76.99	---	28.35	---	48.64
MW-15	11/15/99	76.99	---	28.59	---	48.40
MW-15	05/15/00	76.99	---	28.36	---	48.63
MW-15	11/13/00	76.99	---	29.05	---	47.94
MW-15	05/07/01	76.99	---	27.36	---	49.63
MW-15	11/05/01	76.99	---	27.64	---	49.35
MW-15	04/08/02	76.99	---	28.39	---	48.60
MW-15	07/29/02	76.99	---	29.04	---	47.95
MW-15	10/21/02	76.99	29.14	29.15	0.01	47.85
MW-15	04/07/03	76.99	28.51	28.52	0.01	48.48
MW-15	10/06/03	76.99	28.38	28.39	0.01	48.61

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-15	01/11/04	76.99	29.55	29.64	0.09	47.42
MW-15	04/19/04	76.99	27.60	27.61	0.01	49.39
MW-15	05/02/05	76.99	22.88	22.93	0.05	54.10
MW-15	10/31/05	76.99	27.60	27.81	0.21	49.35
MW-15	05/01/06	76.99	---	25.92	---	51.07
MW-15	12/04/06	76.99	---	26.76	---	50.23
MW-15	04/30/07	76.99	---	28.17	---	48.82
MW-15	11/12/07	76.99	27.02	28.25	1.23	49.72
MW-15	04/14/08	76.99	27.40	28.37	0.97	49.40
MW-15	04/14/08	76.99	27.33	28.31	0.98	49.46
MW-15	10/13/08	76.99	---	29.05	---	47.94
MW-15	04/20/09	76.99	28.24	28.98	0.74	48.60
MW-15	10/19/09	76.99	29.21	30.37	1.16	47.55
MW-15	05/24/10	76.99	28.60	29.49	0.89	48.21
MW-15	05/28/10	76.99	28.57	29.46	0.89	48.24
MW-15	10/04/10	76.99	29.14	30.19	1.05	47.64
MW-15	04/11/11	76.99	28.16	28.62	0.46	48.74
MW-15	10/10/11	76.99	28.59	29.30	---	47.69
MW-15	04/27/12	76.99	---	31.50	---	45.49
MW-15	07/09/12	76.99	---	NM	---	NC
MW-15	10/15/12	76.99	31.36	32.38	1.02	45.43
MW-15	04/08/13	76.99	31.44	32.40	0.96	45.36
MW-15	10/07/13	76.99	31.87	32.18	0.31	45.06
MW-15	04/14/14	76.99	32.59	32.70	0.11	44.38
MW-15	10/27/14	76.99	---	33.33	---	43.66
MW-15R	04/17/17	---	---	34.41	---	NC
MW-15R	10/02/17	74.85	---	34.58	---	40.27
MW-15R	04/16/18	74.85	---	34.83	---	40.02
MW-16	05/28/96	76.87	---	28.85	---	48.02
MW-16	11/20/96	76.87	---	29.84	---	47.03
MW-16	07/01/97	76.87	---	28.17	---	48.70
MW-16	12/31/97	76.87	---	28.47	---	48.40
MW-16	05/01/98	76.87	---	23.99	---	52.88
MW-16	05/25/99	76.87	---	27.49	---	49.38
MW-16	05/15/00	76.87	---	28.17	---	48.70
MW-16	11/13/00	76.87	---	28.83	---	48.04
MW-16	05/07/01	76.87	---	27.05	---	49.82
MW-16	02/01/02	76.87	---	27.46	---	49.41
MW-16	04/08/02	76.87	---	28.36	---	48.51
MW-16	10/21/02	76.87	---	28.97	---	47.90
MW-16	01/27/03	76.87	---	28.62	---	48.25
MW-16	04/07/03	76.87	---	28.22	---	48.65
MW-16	07/30/03	76.87	---	27.87	---	49.00
MW-16	10/06/03	76.87	---	28.00	---	48.87
MW-16	01/27/04	76.87	---	28.56	---	48.31
MW-16	04/19/04	76.87	---	28.79	---	48.08
MW-16	07/19/04	76.87	---	28.79	---	48.08
MW-16	11/01/04	76.87	---	29.50	---	47.37
MW-16	02/01/05	76.87	---	27.16	---	49.71
MW-16	05/02/05	76.87	---	23.28	---	53.59
MW-16	08/01/05	76.87	---	24.36	---	52.51
MW-16	03/06/06	76.87	---	25.92	---	50.95
MW-16	05/01/06	76.87	---	25.85	---	51.02
MW-16	08/26/06	76.87	---	26.32	---	50.55
MW-16	09/18/06	76.87	---	26.32	---	50.55

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-16	12/01/06	76.87	---	26.83	---	50.04
MW-16	03/21/07	76.87	---	27.15	---	49.72
MW-16	04/30/07	76.87	---	27.27	---	49.60
MW-16	08/28/07	76.87	---	27.85	---	49.02
MW-16	11/12/07	76.87	---	27.84	---	49.03
MW-16	02/05/08	76.87	---	28.88	---	47.99
MW-16	04/14/08	76.87	---	27.34	---	49.53
MW-16	07/24/08	76.87	---	28.01	---	48.86
MW-16	10/14/08	76.87	---	28.58	---	48.29
MW-16	02/10/09	76.87	---	28.54	---	48.33
MW-16	04/20/09	76.87	---	28.22	---	48.65
MW-16	07/16/09	76.87	---	29.12	---	47.75
MW-16	10/19/09	76.87	---	29.30	---	47.57
MW-16	04/08/10	76.87	---	28.71	---	48.16
MW-16	04/12/10	76.87	---	28.83	---	48.04
MW-16	01/08/11	76.87	---	29.63	---	47.24
MW-16	04/07/11	76.87	---	27.99	---	48.88
MW-16	07/08/11	76.87	---	28.34	---	48.53
MW-16	10/06/11	76.87	---	28.95	---	47.92
MW-16	04/12/12	76.87	---	30.16	---	46.71
MW-16	04/17/12	76.87	---	29.84	---	47.03
MW-16	01/10/13	76.87	---	31.47	---	45.40
MW-16	04/03/13	76.87	---	31.53	---	45.34
MW-16	04/08/13	76.87	---	31.51	---	45.36
MW-16	10/02/13	76.87	---	32.14	---	44.73
MW-16	04/09/14	76.87	---	32.68	---	44.19
MW-16	10/27/14	76.87	---	32.84	---	44.03
MW-16	04/20/15	76.87	---	33.24	---	43.63
MW-16	04/12/16	76.87	---	34.91	---	41.96
MW-16	10/03/16	76.87	---	35.42	---	41.45
MW-16	04/18/17	76.87	---	33.81	---	43.06
MW-16	10/03/17	76.87	---	35.26	---	41.61
MW-16	04/16/18	76.87	---	36.06	---	40.81
MW-17	05/28/96	77.86	---	29.91	---	47.95
MW-17	11/20/96	77.86	---	30.83	---	47.03
MW-17	07/01/97	77.86	---	29.40	---	48.46
MW-17	12/31/97	77.86	---	30.31	---	47.55
MW-17	05/01/98	77.86	---	26.49	---	51.37
MW-17	05/25/99	77.86	---	28.44	---	49.42
MW-17	05/15/00	77.86	---	29.09	---	48.77
MW-17	11/13/00	77.86	---	30.74	---	47.12
MW-17	05/07/01	77.86	---	27.81	---	50.05
MW-17	04/08/02	77.86	---	29.16	---	48.70
MW-17	10/21/02	77.86	---	30.20	---	47.66
MW-17	04/07/03	77.86	---	29.05	---	48.81
MW-17	10/06/03	77.86	---	28.90	---	48.96
MW-17	04/19/04	77.86	---	29.72	---	48.14
MW-17	11/01/04	77.86	---	30.33	---	47.53
MW-17	05/02/05	77.86	---	24.30	---	53.56
MW-17	03/06/06	77.86	---	26.85	---	51.01
MW-17	05/01/06	77.86	---	26.90	---	50.96
MW-17	08/26/06	77.86	---	27.41	---	50.45
MW-17	12/01/06	77.86	---	27.90	---	49.96
MW-17	03/21/07	77.86	---	27.99	---	49.87
MW-17	04/27/07	77.86	---	28.45	---	49.41

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-17	08/28/07	77.86	---	28.45	---	49.41
MW-17	11/12/07	77.86	---	28.91	---	48.95
MW-17	02/05/08	77.86	---	29.46	---	48.40
MW-17	04/11/08	77.86	---	28.51	---	49.35
MW-17	07/24/08	77.86	---	29.11	---	48.75
MW-17	10/13/08	77.86	---	30.00	---	47.86
MW-17	02/09/09	77.86	---	29.36	---	48.50
MW-17	04/20/09	77.86	---	29.31	---	48.55
MW-17	07/16/09	77.86	---	32.25	---	45.61
MW-17	10/19/09	77.86	---	30.72	---	47.14
MW-17	04/07/10	77.86	---	29.92	---	47.94
MW-17	04/12/10	77.86	---	29.92	---	47.94
MW-17	01/06/11	77.86	---	30.93	---	46.93
MW-17	04/07/11	77.86	---	28.97	---	48.89
MW-17	07/07/11	77.86	---	29.49	---	48.37
MW-17	10/06/11	77.86	---	30.17	---	47.69
MW-17	04/12/12	77.86	---	31.35	---	46.51
MW-17	04/17/12	77.86	---	30.99	---	46.87
MW-17	01/10/13	77.86	---	32.34	---	45.52
MW-17	04/02/13	77.86	---	32.44	---	45.42
MW-17	04/08/13	77.86	---	32.43	---	45.43
MW-17	10/01/13	77.86	---	33.07	---	44.79
MW-17	04/09/14	77.86	---	33.45	---	44.41
MW-17	04/16/14	77.86	---	33.02	---	44.84
MW-17	10/27/14	77.86	---	33.76	---	44.10
MW-17	04/20/15	77.86	---	34.06	---	43.80
MW-17	04/13/16	77.86	---	35.57	---	42.29
MW-17	10/03/16	77.86	---	36.05	---	41.81
MW-17	04/18/17	77.86	---	35.22	---	42.64
MW-17	10/03/17	77.86	---	35.78	---	42.08
MW-17	04/16/18	77.86	---	36.94	---	40.92
MW-18 (MID)	05/28/96	75.67	33.20	33.81	0.61	42.35
MW-18 (MID)	11/20/96	75.67	---	32.82	---	42.85
MW-18 (MID)	07/01/97	75.67	---	29.10	---	46.57
MW-18 (MID)	12/31/97	75.67	32.67	33.25	0.58	42.88
MW-18 (MID)	05/01/98	75.67	29.81	29.83	0.02	45.86
MW-18 (MID)	08/09/99	75.67	---	31.33	---	44.34
MW-18 (MID)	11/15/99	75.67	---	NM	---	NC
MW-18 (MID)	11/19/99	75.67	---	31.86	---	43.81
MW-18 (MID)	05/15/00	75.67	---	24.58	---	51.09
MW-18 (MID)	11/13/00	75.67	---	26.78	---	48.89
MW-18 (MID)	05/07/01	75.67	---	30.38	---	45.29
MW-18 (MID)	08/07/01	75.67	---	30.46	---	45.21
MW-18 (MID)	11/05/01	75.67	---	30.66	---	45.01
MW-18 (MID)	04/08/02	75.67	---	31.22	---	44.45
MW-18 (MID)	10/21/02	75.67	---	32.24	---	43.43
MW-18 (MID)	04/07/03	75.67	---	NM	---	NC
MW-18 (MID)	10/06/03	75.67	---	31.42	---	44.25
MW-18 (MID)	01/11/04	75.67	---	NM	---	NC
MW-18 (MID)	04/19/04	75.67	---	32.34	---	43.33
MW-18 (MID)	05/02/05	75.67	---	27.67	---	48.00
MW-18 (MID)	10/31/05	75.67	---	25.96	---	49.71
MW-18 (MID)	05/01/06	75.67	---	28.92	---	46.75
MW-18 (MID)	12/04/06	75.67	---	29.74	---	45.93
MW-18 (MID)	04/30/07	75.67	---	29.77	---	45.90

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-18 (MID)	11/12/07	75.67	---	30.23	---	45.44
MW-18 (MID)	04/14/08	75.67	---	30.45	---	45.22
MW-18 (MID)	10/13/08	75.67	---	31.15	---	44.52
MW-18 (MID)	04/20/09	75.67	---	31.49	---	44.18
MW-18 (MID)	10/19/09	75.67	---	32.62	---	43.05
MW-18 (MID)	05/24/10	75.67	---	32.26	---	43.41
MW-18 (MID)	05/28/10	75.67	---	32.17	---	43.50
MW-18 (MID)	10/04/10	75.67	---	32.30	---	43.37
MW-18 (MID)	04/11/11	75.67	---	31.28	---	44.39
MW-18 (MID)	10/10/11	75.67	---	31.51	---	44.16
MW-18 (MID)	04/16/12	75.67	---	31.75	---	43.92
MW-18 (MID)	07/09/12	75.67	---	NM	---	NC
MW-18 (MID)	10/15/12	75.67	---	33.41	---	42.26
MW-18 (MID)	04/08/13	75.67	---	30.68	---	44.99
MW-18 (MID)	10/07/13	75.67	---	35.33	---	40.34
MW-18 (MID)	04/14/14	75.67	---	35.40	---	40.27
MW-18 (MID)	10/27/14	75.67	---	35.81	---	39.86
MW-18 (MID)	04/20/15	75.67	---	36.29	---	39.38
MW-18 (MID)	10/19/15	75.67	---	36.99	---	38.68
MW-18 (MID)	03/14/16	75.67	---	40.70	---	34.97
MW-18 (MID)	04/11/16	75.67	---	38.89	---	36.78
MW-18 (MID)	06/29/16	75.67	---	39.94	---	35.73
MW-18 (MID)	08/22/16	75.67	---	40.14	---	35.53
MW-18 (MID)	10/03/16	75.67	---	40.93	---	34.74
MW-18 (MID)	10/03/16	75.67	---	40.93	---	34.74
MW-18 (MID)	04/17/17	75.67	---	37.50	---	38.17
MW-18 (MID)	10/02/17	75.67	---	40.26	---	35.41
MW-18 (MID)	04/16/18	75.67	---	40.46	---	35.21
MW-19 (MID)	05/28/96	78.14	---	31.52	---	46.62
MW-19 (MID)	11/20/96	78.14	---	32.04	---	46.10
MW-19 (MID)	07/01/97	78.14	---	33.51	---	44.63
MW-19 (MID)	12/31/97	78.14	---	33.72	---	44.42
MW-19 (MID)	05/01/98	78.14	---	29.48	---	48.66
MW-19 (MID)	02/03/99	78.14	---	29.05	---	49.09
MW-19 (MID)	05/03/99	78.14	---	30.91	---	47.23
MW-19 (MID)	08/09/99	78.14	---	30.90	---	47.24
MW-19 (MID)	11/15/99	78.14	---	30.63	---	47.51
MW-19 (MID)	02/29/00	78.14	---	29.59	---	48.55
MW-19 (MID)	05/15/00	78.14	---	25.27	---	52.87
MW-19 (MID)	08/28/00	78.14	---	32.23	---	45.91
MW-19 (MID)	11/13/00	78.14	---	31.90	---	46.24
MW-19 (MID)	02/05/01	78.14	---	30.55	---	47.59
MW-19 (MID)	05/07/01	78.14	---	29.82	---	48.32
MW-19 (MID)	09/18/01	78.14	---	29.81	---	48.33
MW-19 (MID)	11/05/01	78.14	---	29.71	---	48.43
MW-19 (MID)	01/29/02	78.14	---	30.00	---	48.14
MW-19 (MID)	04/08/02	78.14	---	30.12	---	48.02
MW-19 (MID)	10/21/02	78.14	---	41.44	---	36.70
MW-19 (MID)	04/07/03	78.14	---	31.94	---	46.20
MW-19 (MID)	10/06/03	78.14	---	31.10	---	47.04
MW-19 (MID)	01/11/04	78.14	---	32.97	---	45.17
MW-19 (MID)	04/19/04	78.14	---	33.87	---	44.27
MW-19 (MID)	05/02/05	78.14	---	28.00	---	50.14
MW-19 (MID)	10/31/05	78.14	---	28.35	---	49.79
MW-19 (MID)	05/01/06	78.14	---	28.70	---	49.44

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-19 (MID)	12/04/06	78.14	---	29.65	---	48.49
MW-19 (MID)	04/30/07	78.14	---	29.68	---	48.46
MW-19 (MID)	11/12/07	78.14	---	30.44	---	47.70
MW-19 (MID)	04/14/08	78.14	---	30.70	---	47.44
MW-19 (MID)	10/13/08	78.14	---	32.63	---	45.51
MW-19 (MID)	04/20/09	78.14	---	31.75	---	46.39
MW-19 (MID)	10/19/09	78.14	---	32.88	---	45.26
MW-19 (MID)	05/24/10	78.14	---	33.16	---	44.98
MW-19 (MID)	05/28/10	78.14	---	33.11	---	45.03
MW-19 (MID)	04/11/11	78.14	---	32.64	---	45.50
MW-19 (MID)	10/10/11	78.14	---	32.64	---	45.50
MW-19 (MID)	04/16/12	78.14	---	33.42	---	44.72
MW-19 (MID)	07/09/12	78.14	---	NM	---	NC
MW-19 (MID)	10/15/12	78.14	---	34.29	---	43.85
MW-19 (MID)	04/08/13	78.14	---	34.81	---	43.33
MW-19 (MID)	10/07/13	78.14	---	36.14	---	42.00
MW-19 (MID)	04/14/14	78.14	---	36.37	---	41.77
MW-19 (MID)	10/27/14	78.14	---	37.09	---	41.05
MW-19 (MID)	04/20/15	78.14	---	37.61	---	40.53
MW-19 (MID)	10/19/15	78.14	---	38.26	---	39.88
MW-19 (MID)	04/11/16	78.14	---	32.97	---	45.17
MW-19 (MID)	10/03/16	78.14	---	40.60	---	37.54
MW-19 (MID)	10/03/16	78.14	---	40.60	---	37.54
MW-19 (MID)	04/17/17	78.14	---	38.62	---	39.52
MW-19 (MID)	10/02/17	78.14	---	40.50	---	37.64
MW-19 (MID)	04/16/18	78.14	---	40.76	---	37.38
MW-20 (MID)	05/28/96	77.19	---	31.42	---	45.77
MW-20 (MID)	11/20/96	77.19	---	31.98	---	45.21
MW-20 (MID)	07/01/97	77.19	---	33.31	---	43.88
MW-20 (MID)	12/31/97	77.19	---	32.89	---	44.30
MW-20 (MID)	05/01/98	77.19	---	29.81	---	47.38
MW-20 (MID)	05/03/99	77.19	---	30.63	---	46.56
MW-20 (MID)	08/09/99	77.19	---	31.07	---	46.12
MW-20 (MID)	11/15/99	77.19	---	31.00	---	46.19
MW-20 (MID)	05/15/00	77.19	---	30.65	---	46.54
MW-20 (MID)	11/13/00	77.19	---	32.10	---	45.09
MW-20 (MID)	05/07/01	77.19	---	30.14	---	47.05
MW-20 (MID)	09/18/01	77.19	---	30.15	---	47.04
MW-20 (MID)	11/05/01	77.19	---	30.09	---	47.10
MW-20 (MID)	04/08/02	77.19	---	30.82	---	46.37
MW-20 (MID)	04/08/02	77.19	---	36.14	---	41.05
MW-20 (MID)	10/21/02	77.19	---	31.12	---	46.07
MW-20 (MID)	04/07/03	77.19	---	31.25	---	45.94
MW-20 (MID)	10/06/03	77.19	---	31.35	---	45.84
MW-20 (MID)	01/11/04	77.19	---	32.33	---	44.86
MW-20 (MID)	04/19/04	77.19	---	32.04	---	45.15
MW-20 (MID)	05/02/05	77.19	---	28.73	---	48.46
MW-20 (MID)	10/31/05	77.19	---	28.61	---	48.58
MW-20 (MID)	05/01/06	77.19	---	28.65	---	48.54
MW-20 (MID)	12/04/06	77.19	---	29.37	---	47.82
MW-20 (MID)	04/30/07	77.19	---	29.35	---	47.84
MW-20 (MID)	11/12/07	77.19	---	29.98	---	47.21
MW-20 (MID)	04/14/08	77.19	---	30.21	---	46.98
MW-20 (MID)	10/13/08	77.19	---	30.93	---	46.26
MW-20 (MID)	04/20/09	77.19	---	31.09	---	46.10

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-20 (MID)	10/19/09	77.19	---	32.11	---	45.08
MW-20 (MID)	05/24/10	77.19	---	32.33	---	44.86
MW-20 (MID)	05/28/10	77.19	---	32.29	---	44.90
MW-20 (MID)	04/11/11	77.19	---	31.39	---	45.80
MW-20 (MID)	10/10/11	77.19	---	31.55	---	45.64
MW-20 (MID)	04/16/12	77.19	---	32.20	---	44.99
MW-20 (MID)	07/09/12	77.19	---	NM	---	NC
MW-20 (MID)	10/15/12	77.19	---	33.05	---	44.14
MW-20 (MID)	04/08/13	77.19	---	33.35	---	43.84
MW-20 (MID)	10/07/13	77.19	---	34.37	---	42.82
MW-20 (MID)	04/14/14	77.19	---	34.95	---	42.24
MW-20 (MID)	10/27/14	77.19	---	35.65	---	41.54
MW-20 (MID)	04/20/15	77.19	---	35.94	---	41.25
MW-20 (MID)	10/19/15	77.19	---	37.73	---	39.46
MW-20 (MID)	04/11/16	77.19	---	37.55	---	39.64
MW-20 (MID)	10/03/16	77.19	---	38.22	---	38.97
MW-20 (MID)	10/03/16	77.19	---	38.22	---	38.97
MW-20 (MID)	04/17/17	77.19	---	37.30	---	39.89
MW-20 (MID)	10/02/17	77.19	---	38.44	---	38.75
MW-20 (MID)	04/16/18	77.19	---	38.73	---	38.46
MW-21 (MID)	05/04/99	77.55	---	28.99	---	48.56
MW-21 (MID)	08/09/99	77.55	---	29.67	---	47.88
MW-21 (MID)	11/15/99	77.55	---	30.50	---	47.05
MW-21 (MID)	05/15/00	77.55	---	27.30	---	50.25
MW-21 (MID)	11/13/00	77.55	---	30.41	---	47.14
MW-21 (MID)	05/07/01	77.55	---	28.68	---	48.87
MW-21 (MID)	11/05/01	77.55	---	28.67	---	48.88
MW-21 (MID)	04/08/02	77.55	---	49.51	---	28.04
MW-21 (MID)	10/21/02	77.55	---	29.92	---	47.63
MW-21 (MID)	04/07/03	77.55	---	29.90	---	47.65
MW-21 (MID)	10/06/03	77.55	---	29.51	---	48.04
MW-21 (MID)	01/11/04	77.55	---	30.91	---	46.64
MW-21 (MID)	04/19/04	77.55	---	30.66	---	46.89
MW-21 (MID)	05/02/05	77.55	---	25.61	---	51.94
MW-21 (MID)	10/31/05	77.55	---	26.31	---	51.24
MW-21 (MID)	05/01/06	77.55	---	26.66	---	50.89
MW-21 (MID)	12/04/06	77.55	---	27.55	---	50.00
MW-21 (MID)	04/30/07	77.55	---	27.68	---	49.87
MW-21 (MID)	11/12/07	77.55	---	28.08	---	49.47
MW-21 (MID)	04/14/08	77.55	---	28.32	---	49.23
MW-21 (MID)	10/13/08	77.55	---	28.96	---	48.59
MW-21 (MID)	04/20/09	77.55	---	29.19	---	48.36
MW-21 (MID)	10/19/09	77.55	---	30.30	---	47.25
MW-21 (MID)	05/24/10	77.55	---	30.00	---	47.55
MW-21 (MID)	05/28/10	77.55	---	29.97	---	47.58
MW-21 (MID)	04/11/11	77.55	---	29.00	---	48.55
MW-21 (MID)	10/10/11	77.55	---	29.44	---	48.11
MW-21 (MID)	04/16/12	77.55	---	30.54	---	47.01
MW-21 (MID)	07/09/12	77.55	---	NM	---	NC
MW-21 (MID)	10/15/12	77.55	---	31.23	---	46.32
MW-21 (MID)	04/08/13	77.55	---	32.29	---	45.26
MW-21 (MID)	10/07/13	77.55	---	32.62	---	44.93
MW-21 (MID)	04/14/14	77.55	---	33.38	---	44.17
MW-21 (MID)	10/27/14	77.55	---	33.62	---	43.93
MW-21 (MID)	04/20/15	77.55	---	34.08	---	43.47

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-21 (MID)	10/19/15	77.55	---	34.77	---	42.78
MW-21 (MID)	04/11/16	77.55	---	36.42	---	41.13
MW-21 (MID)	10/03/16	77.55	---	37.83	---	39.72
MW-21 (MID)	10/03/16	77.55	---	37.83	---	39.72
MW-21 (MID)	04/17/17	77.55	---	34.74	---	42.81
MW-21 (MID)	10/02/17	77.55	---	37.85	---	39.70
MW-21 (MID)	04/16/18	77.55	---	37.93	---	39.62
MW-22 (MID)	05/28/96	79.57	---	33.53	---	46.04
MW-22 (MID)	11/20/96	79.57	---	34.39	---	45.18
MW-22 (MID)	07/01/97	79.57	---	35.42	---	44.15
MW-22 (MID)	12/31/97	79.57	---	34.06	---	45.51
MW-22 (MID)	05/01/98	79.57	---	32.12	---	47.45
MW-22 (MID)	02/02/99	79.57	---	31.76	---	47.81
MW-22 (MID)	05/04/99	79.57	---	32.60	---	46.97
MW-22 (MID)	05/25/99	79.57	---	32.02	---	47.55
MW-22 (MID)	08/09/99	79.57	---	33.24	---	46.33
MW-22 (MID)	02/29/00	79.57	---	32.76	---	46.81
MW-22 (MID)	05/15/00	79.57	---	32.72	---	46.85
MW-22 (MID)	08/28/00	79.57	---	33.80	---	45.77
MW-22 (MID)	11/13/00	79.57	---	32.61	---	46.96
MW-22 (MID)	11/13/00	79.57	---	33.47	---	46.10
MW-22 (MID)	02/05/01	79.57	---	32.62	---	46.95
MW-22 (MID)	05/07/01	79.57	---	32.05	---	47.52
MW-22 (MID)	05/07/01	79.57	---	32.01	---	47.56
MW-22 (MID)	09/18/01	79.57	---	32.07	---	47.50
MW-22 (MID)	11/05/01	79.57	---	NM	---	NC
MW-22 (MID)	01/29/02	79.57	---	32.32	---	47.25
MW-22 (MID)	04/08/02	79.57	---	32.61	---	46.96
MW-22 (MID)	07/29/02	79.57	---	32.76	---	46.81
MW-22 (MID)	10/21/02	79.57	---	32.66	---	46.91
MW-22 (MID)	01/27/03	79.57	---	32.44	---	47.13
MW-22 (MID)	04/07/03	79.57	---	32.50	---	47.07
MW-22 (MID)	10/06/03	79.57	---	32.98	---	46.59
MW-22 (MID)	04/19/04	79.57	---	33.32	---	46.25
MW-22 (MID)	11/01/04	79.57	---	33.44	---	46.13
MW-22 (MID)	02/28/05	79.57	---	31.66	---	47.91
MW-22 (MID)	05/02/05	79.57	---	29.93	---	49.64
MW-22 (MID)	03/06/06	79.57	---	30.12	---	49.45
MW-22 (MID)	05/01/06	79.57	---	30.54	---	49.03
MW-22 (MID)	08/26/06	79.57	---	31.04	---	48.53
MW-22 (MID)	12/01/06	79.57	---	31.18	---	48.39
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
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-22 (MID)	10/02/13	79.57	---	36.18	---	43.39
MW-22 (MID)	04/09/14	79.57	---	37.08	---	42.49
MW-22 (MID)	04/15/14	79.57	---	36.84	---	42.73
MW-22 (MID)	10/27/14	79.57	---	37.57	---	42.00
MW-22 (MID)	04/20/15	79.57	---	37.94	---	41.63
MW-22 (MID)	04/11/16	79.57	---	39.20	---	40.37
MW-22 (MID)	10/03/16	79.57	---	39.79	---	39.78
MW-22 (MID)	04/17/17	79.57	---	39.40	---	40.17
MW-22 (MID)	10/02/17	79.57	---	40.16	---	39.41
MW-22 (MID)	04/16/18	79.57	---	40.41	---	39.16
MW-23 (MID)	05/28/96	79.59	---	32.44	---	47.15
MW-23 (MID)	11/20/96	79.59	---	33.20	---	46.39
MW-23 (MID)	07/01/97	79.59	---	32.94	---	46.65
MW-23 (MID)	12/31/97	79.59	---	33.14	---	46.45
MW-23 (MID)	05/01/98	79.59	---	30.25	---	49.34
MW-23 (MID)	05/25/99	79.59	---	31.03	---	48.56
MW-23 (MID)	05/15/00	79.59	---	31.97	---	47.62
MW-23 (MID)	11/13/00	79.59	---	31.21	---	48.38
MW-23 (MID)	05/07/01	79.59	---	28.30	---	51.29
MW-23 (MID)	04/08/02	79.59	---	32.27	---	47.32
MW-23 (MID)	10/21/02	79.59	---	31.44	---	48.15
MW-23 (MID)	04/07/03	79.59	---	30.22	---	49.37
MW-23 (MID)	10/06/03	79.59	---	31.50	---	48.09
MW-23 (MID)	04/19/04	79.59	---	32.65	---	46.94
MW-23 (MID)	11/01/04	79.59	---	32.33	---	47.26
MW-23 (MID)	05/02/05	79.59	---	27.72	---	51.87
MW-23 (MID)	03/06/06	79.59	---	28.81	---	50.78
MW-23 (MID)	05/01/06	79.59	---	29.21	---	50.38
MW-23 (MID)	08/26/06	79.59	---	29.56	---	50.03
MW-23 (MID)	12/01/06	79.59	---	29.91	---	49.68
MW-23 (MID)	03/21/07	79.59	---	30.14	---	49.45
MW-23 (MID)	04/27/07	79.59	---	30.33	---	49.26
MW-23 (MID)	08/28/07	79.59	---	31.05	---	48.54
MW-23 (MID)	11/12/07	79.59	---	30.95	---	48.64
MW-23 (MID)	02/05/08	79.59	---	31.91	---	47.68
MW-23 (MID)	04/11/08	79.59	---	30.72	---	48.87
MW-23 (MID)	07/24/08	79.59	---	31.02	---	48.57
MW-23 (MID)	10/13/08	79.59	---	31.82	---	47.77
MW-23 (MID)	02/09/09	79.59	---	32.78	---	46.81
MW-23 (MID)	04/20/09	79.59	---	32.46	---	47.13
MW-23 (MID)	07/16/09	79.59	---	31.79	---	47.80
MW-23 (MID)	10/19/09	79.59	---	32.44	---	47.15
MW-23 (MID)	04/07/10	79.59	---	32.29	---	47.30
MW-23 (MID)	04/12/10	79.59	---	31.83	---	47.76

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-23 (MID)	01/06/11	79.59	---	32.53	---	47.06
MW-23 (MID)	04/06/11	79.59	---	31.34	---	48.25
MW-23 (MID)	07/07/11	79.59	---	31.62	---	47.97
MW-23 (MID)	10/06/11	79.59	---	32.03	---	47.56
MW-23 (MID)	04/12/12	79.59	---	33.10	---	46.49
MW-23 (MID)	04/19/12	79.59	---	32.87	---	46.72
MW-23 (MID)	01/10/13	79.59	---	34.27	---	45.32
MW-23 (MID)	04/02/13	79.59	---	34.25	---	45.34
MW-23 (MID)	04/08/13	79.59	---	34.19	---	45.40
MW-24	05/28/96	78.51	---	32.08	---	46.43
MW-24	11/20/96	78.51	---	32.33	---	46.18
MW-24	07/01/97	78.51	---	33.97	---	44.54
MW-24	12/31/97	78.51	---	32.72	---	45.79
MW-24	05/01/98	78.51	---	30.42	---	48.09
MW-24	05/25/99	78.51	---	30.59	---	47.92
MW-24	05/15/00	78.51	---	31.33	---	47.18
MW-24	11/13/00	78.51	---	31.60	---	46.91
MW-24	05/07/01	78.51	---	30.44	---	48.07
MW-24	04/08/02	78.51	---	31.12	---	47.39
MW-24	10/21/02	78.51	---	31.09	---	47.42
MW-24	04/07/03	78.51	---	30.80	---	47.71
MW-24	10/06/03	78.51	---	30.77	---	47.74
MW-24	04/19/04	78.51	---	31.49	---	47.02
MW-24	11/01/04	78.51	---	31.45	---	47.06
MW-24	05/02/05	78.51	---	27.71	---	50.80
MW-24	05/01/06	78.51	---	28.50	---	50.01
MW-24	12/01/06	78.51	---	29.06	---	49.45
MW-24	04/30/07	78.51	---	29.44	---	49.07
MW-24	11/12/07	78.51	---	29.91	---	48.60
MW-24	04/11/08	78.51	---	29.74	---	48.77
MW-24	07/24/08	78.51	---	29.96	---	48.55
MW-24	10/13/08	78.51	---	30.79	---	47.72
MW-24	02/09/09	78.51	---	29.67	---	48.84
MW-24	04/20/09	78.51	---	30.66	---	47.85
MW-24	10/19/09	78.51	---	31.61	---	46.90
MW-24	04/07/10	78.51	---	31.62	---	46.89
MW-24	04/12/10	78.51	---	31.26	---	47.25
MW-24	01/06/11	78.51	---	31.96	---	46.55
MW-24	04/06/11	78.51	---	30.98	---	47.53
MW-24	07/07/11	78.51	---	31.03	---	47.48
MW-24	10/06/11	78.51	---	31.26	---	47.25
MW-24	04/12/12	78.51	---	32.04	---	46.47
MW-24	04/18/12	78.51	---	31.82	---	46.69
MW-24	01/10/13	78.51	---	33.24	---	45.27
MW-24	04/02/13	78.51	---	33.09	---	45.42
MW-24	04/08/13	78.51	---	33.01	---	45.50
MW-24	10/01/13	78.51	---	33.87	---	44.64
MW-24	04/07/14	78.51	---	34.75	---	43.76
MW-24	04/15/14	78.51	---	34.52	---	43.99
MW-24	10/27/14	78.51	---	34.96	---	43.55
MW-24	04/20/15	78.51	---	35.34	---	43.17
MW-24	04/11/16	78.51	---	36.42	---	42.09
MW-24	10/03/16	78.51	---	NM	---	NC
MW-24	04/17/17	78.51	---	34.90	---	43.61
MW-24	10/02/17	77.66	---	36.24	---	41.42

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-24	04/16/18	77.66	---	36.63	---	41.03
MW-25	05/28/96	79.15	---	32.77	---	46.38
MW-25	11/20/96	79.15	---	33.90	---	45.25
MW-25	07/01/97	79.15	---	34.59	---	44.56
MW-25	12/31/97	79.15	---	33.41	---	45.74
MW-25	05/01/98	79.15	---	31.26	---	47.89
MW-25	05/04/99	79.15	---	32.01	---	47.14
MW-25	05/25/99	79.15	---	31.45	---	47.70
MW-25	08/09/99	79.15	---	32.56	---	46.59
MW-25	05/15/00	79.15	---	31.86	---	47.29
MW-25	11/13/00	79.15	---	33.56	---	45.59
MW-25	11/13/00	79.15	---	32.50	---	46.65
MW-25	05/07/01	79.15	---	31.15	---	48.00
MW-25	05/07/01	79.15	---	31.12	---	48.03
MW-25	04/08/02	79.15	---	31.81	---	47.34
MW-25	10/21/02	79.15	---	31.59	---	47.56
MW-25	04/07/03	79.15	---	31.40	---	47.75
MW-25	10/06/03	79.15	---	31.73	---	47.42
MW-25	04/19/04	79.15	---	32.19	---	46.96
MW-25	11/01/04	79.15	---	32.25	---	46.90
MW-25	05/02/05	79.15	---	28.89	---	50.26
MW-25	05/01/06	79.15	---	29.44	---	49.71
MW-25	12/01/06	79.15	---	29.84	---	49.31
MW-25	04/30/07	79.15	---	29.99	---	49.16
MW-25	11/12/07	79.15	---	30.50	---	48.65
MW-25	04/11/08	79.15	---	30.27	---	48.88
MW-25	07/24/08	79.15	---	30.90	---	48.25
MW-25	10/13/08	79.15	---	31.44	---	47.71
MW-25	02/09/09	79.15	---	30.70	---	48.45
MW-25	04/20/09	79.15	---	31.32	---	47.83
MW-25	10/19/09	79.15	---	32.00	---	47.15
MW-25	04/07/10	79.15	---	32.39	---	46.76
MW-25	04/12/10	79.15	---	31.86	---	47.29
MW-25	01/07/11	79.15	---	32.76	---	46.39
MW-25	04/06/11	79.15	---	31.64	---	47.51
MW-25	07/08/11	79.15	---	31.55	---	47.60
MW-25	10/06/11	79.15	---	31.78	---	47.37
MW-25	04/12/12	79.15	---	32.58	---	46.57
MW-25	04/17/12	79.15	---	32.35	---	46.80
MW-25	01/11/13	79.15	---	33.86	---	45.29
MW-25	04/03/13	79.15	---	33.65	---	45.50
MW-25	04/08/13	79.15	---	33.44	---	45.71
MW-26	05/28/96	77.40	---	30.70	---	46.70
MW-26	11/20/96	77.40	---	31.25	---	46.15
MW-26	07/01/97	77.40	---	32.24	---	45.16
MW-26	12/31/97	77.40	---	31.44	---	45.96
MW-26	05/01/98	77.40	---	28.96	---	48.44
MW-26	05/25/99	77.40	---	29.54	---	47.86
MW-26	05/15/00	77.40	---	29.97	---	47.43
MW-26	11/13/00	77.40	---	30.73	---	46.67
MW-26	05/07/01	77.40	---	29.05	---	48.35
MW-26	04/08/02	77.40	---	29.94	---	47.46
MW-26	10/21/02	77.40	---	29.73	---	47.67
MW-26	04/07/03	77.40	---	29.50	---	47.90
MW-26	10/06/03	77.40	---	29.78	---	47.62

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-26	04/19/04	77.40	---	30.54	---	46.86
MW-26	11/01/04	77.40	---	30.43	---	46.97
MW-26	05/02/05	77.40	---	26.06	---	51.34
MW-26	05/01/06	77.40	---	27.46	---	49.94
MW-26	12/01/06	77.40	---	28.00	---	49.40
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
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-26	10/02/13	77.40	---	32.72	---	44.68
MW-26	04/09/14	77.40	---	33.63	---	43.77
MW-26	04/15/14	77.40	---	33.38	---	44.02
MW-26	10/27/14	77.40	---	33.81	---	43.59
MW-26	04/20/15	77.40	---	34.22	---	43.18
MW-26	04/11/16	77.40	---	35.48	---	41.92
MW-26	10/03/16	77.40	---	35.90	---	41.50
MW-26	04/17/17	77.40	---	35.37	---	42.03
MW-26	10/02/17	77.40	---	36.13	---	41.27
MW-26	04/16/18	77.40	---	36.48	---	40.92
MW-27	05/28/96	78.46	---	31.43	---	47.03
MW-27	11/20/96	78.46	---	32.13	---	46.33
MW-27	07/01/97	78.46	---	32.99	---	45.47
MW-27	12/31/97	78.46	---	32.21	---	46.25
MW-27	05/01/98	78.46	---	29.05	---	49.41
MW-27	05/25/99	78.46	---	30.27	---	48.19
MW-27	05/15/00	78.46	---	30.81	---	47.65
MW-27	11/13/00	78.46	---	31.79	---	46.67
MW-27	05/07/01	78.46	---	29.61	---	48.85
MW-27	04/08/02	78.46	---	30.69	---	47.77
MW-27	10/21/02	78.46	---	30.62	---	47.84
MW-27	04/07/03	78.46	---	30.40	---	48.06
MW-27	10/06/03	78.46	---	30.79	---	47.67
MW-27	04/19/04	78.46	---	31.87	---	46.59
MW-27	11/01/04	78.46	---	31.66	---	46.80
MW-27	05/02/05	78.46	---	26.48	---	51.98
MW-27	05/01/06	78.46	---	28.17	---	50.29
MW-27	12/01/06	78.46	---	28.99	---	49.47
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
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
MW-27	10/02/13	78.46	---	33.78	---	44.68
MW-27	04/09/14	78.46	---	NM	---	NC
MW-27	10/27/14	78.46	---	34.63	---	43.83
MW-27	04/20/15	78.46	---	35.03	---	43.43
MW-27	04/11/16	78.46	---	36.66	---	41.80
MW-27	10/03/16	78.46	---	37.16	---	41.30
MW-27	04/17/17	78.46	---	35.85	---	42.61
MW-27	10/02/17	78.46	---	37.61	---	40.85
MW-27	04/16/18	78.46	---	37.53	---	40.93
MW-28	05/28/96	78.53	---	31.13	---	47.40
MW-28	11/20/96	78.53	---	31.79	---	46.74
MW-28	07/01/97	78.53	---	31.98	---	46.55
MW-28	12/31/97	78.53	---	31.51	---	47.02
MW-28	05/01/98	78.53	---	29.09	---	49.44
MW-28	05/25/99	78.53	---	29.83	---	48.70
MW-28	05/15/00	78.53	---	30.45	---	48.08
MW-28	11/13/00	78.53	---	30.65	---	47.88
MW-28	05/07/01	78.53	---	29.18	---	49.35
MW-28	04/08/02	78.53	---	30.25	---	48.28
MW-28	10/21/02	78.53	---	30.77	---	47.76
MW-28	04/07/03	78.53	---	29.85	---	48.68
MW-28	10/06/03	78.53	---	30.10	---	48.43
MW-28	04/19/04	78.53	---	31.45	---	47.08
MW-28	11/01/04	78.53	---	31.25	---	47.28
MW-28	05/02/05	78.53	---	25.17	---	53.36
MW-28	05/01/06	78.53	---	27.55	---	50.98
MW-28	12/01/06	78.53	---	28.66	---	49.87
MW-28	04/30/07	78.53	---	29.05	---	49.48
MW-28	11/12/07	78.53	---	29.64	---	48.89
MW-28	04/11/08	78.53	---	29.28	---	49.25
MW-28	10/14/08	78.53	---	30.38	---	48.15
MW-28	04/08/10	78.53	---	30.58	---	47.95
MW-28	10/01/10	78.53	---	31.07	---	47.46
MW-28	01/07/11	78.53	---	31.13	---	47.40
MW-28	04/12/12	78.53	---	31.76	---	46.77
MW-28	10/02/13	78.53	---	33.89	---	44.64
MW-28	04/07/14	78.53	---	34.91	---	43.62
MW-28	10/27/14	78.53	---	34.79	---	43.74
MW-28	04/20/15	78.53	---	35.10	---	43.43

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-28	04/11/16	78.53	---	NM	---	NC
MW-28	10/03/16	78.53	---	NM	---	NC
MW-28	04/17/17	78.53	---	32.90	---	45.63
MW-28	10/03/17	75.90	---	35.18	---	40.72
MW-28	04/16/18	75.90	---	35.47	---	40.43
MW-29	05/28/96	79.13	31.36	31.49	0.13	47.74
MW-29	11/20/96	79.13	32.41	32.66	0.25	46.67
MW-29	07/01/97	79.13	31.60	31.65	0.05	47.52
MW-29	12/31/97	79.13	---	31.99	---	47.14
MW-29	05/01/98	79.13	---	29.06	---	50.07
MW-29	05/25/99	79.13	---	30.03	---	49.10
MW-29	05/15/00	79.13	---	30.81	---	48.32
MW-29	11/13/00	79.13	---	31.30	---	47.83
MW-29	05/07/01	79.13	---	29.30	---	49.83
MW-29	02/01/02	79.13	---	29.71	---	49.42
MW-29	04/08/02	79.13	---	31.12	---	48.01
MW-29	10/21/02	79.13	---	31.48	---	47.65
MW-29	04/07/03	79.13	---	30.42	---	48.71
MW-29	10/06/03	79.13	---	30.40	---	48.73
MW-29	04/19/04	79.13	---	31.39	---	47.74
MW-29	11/01/04	79.13	---	31.72	---	47.41
MW-29	03/06/06	79.13	---	27.38	---	51.75
MW-29	05/01/06	79.13	---	27.52	---	51.61
MW-29	08/26/06	79.13	---	28.23	---	50.90
MW-29	12/01/06	79.13	---	28.92	---	50.21
MW-29	03/21/07	79.13	---	28.72	---	50.41
MW-29	04/30/07	79.13	---	29.66	---	49.47
MW-29	08/28/07	79.13	---	29.01	---	50.12
MW-29	11/12/07	79.13	---	30.25	---	48.88
MW-29	02/05/08	79.13	---	29.91	---	49.22
MW-29	07/24/08	79.13	---	30.03	---	49.10
MW-29	10/14/08	79.13	---	30.94	---	48.19
MW-29	02/10/09	79.13	---	30.26	---	48.87
MW-29	07/16/09	79.13	---	31.15	---	47.98
MW-29	04/08/10	79.13	---	31.04	---	48.09
MW-29	10/01/10	79.13	---	31.64	---	47.49
MW-29	01/08/11	79.13	---	31.90	---	47.23
MW-29	04/06/11	79.13	---	30.19	---	48.94
MW-29	07/08/11	79.13	---	30.65	---	48.48
MW-29	10/06/11	79.13	---	31.30	---	47.83
MW-29	04/12/12	79.13	---	32.52	---	46.61
MW-29	01/10/13	79.13	---	33.79	---	45.34
MW-29	04/03/13	79.13	---	33.78	---	45.35
MW-29	04/08/13	79.13	---	33.58	---	45.55
MW-29	10/02/13	79.13	---	34.50	---	44.63
MW-29	04/09/14	79.13	---	35.19	---	43.94
MW-29	04/17/14	79.13	---	34.78	---	44.35
MW-29	10/27/14	79.13	---	35.26	---	43.87
MW-29	04/20/15	79.13	---	35.65	---	43.48
MW-29	04/11/16	79.13	---	37.27	---	41.86
MW-29	10/03/16	79.13	---	37.74	---	41.39
MW-29	04/18/17	79.13	---	36.36	---	42.77
MW-29	10/03/17	79.13	---	37.64	---	41.49
MW-29	04/16/18	79.13	---	38.28	---	40.85
MW-O-1	04/08/02	75.48	---	24.31	---	51.17

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-O-1	10/06/03	75.48	---	25.54	---	49.94
MW-O-1	01/11/04	75.48	26.52	26.60	0.08	48.94
MW-O-1	04/19/04	75.48	---	NM	---	NC
MW-O-1	05/02/05	75.48	22.85	22.89	0.04	52.62
MW-O-1	10/31/05	75.48	27.43	27.51	0.08	48.03
MW-O-1	05/01/06	75.48	22.62	24.09	1.47	52.57
MW-O-1	12/04/06	75.48	23.62	24.86	1.24	51.61
MW-O-1	04/30/07	75.48	23.98	24.10	0.12	51.48
MW-O-1	08/14/07	75.48	23.78	25.31	1.53	51.39
MW-O-1	08/21/07	75.48	23.58	23.84	0.26	51.85
MW-O-1	08/28/07	75.48	23.06	23.07	0.01	52.42
MW-O-1	09/11/07	75.48	23.48	23.86	0.38	51.92
MW-O-1	10/05/07	75.48	---	24.67	---	50.81
MW-O-1	11/02/07	75.48	---	24.25	---	51.23
MW-O-1	11/12/07	75.48	24.25	24.27	0.02	51.23
MW-O-1	12/28/07	75.48	25.51	25.54	0.03	49.96
MW-O-1	08/15/08	75.48	---	NM	---	NC
MW-O-1	08/19/08	75.48	25.13	25.18	0.05	50.34
MW-O-1	10/17/08	75.48	---	25.30	---	50.18
MW-O-1	12/19/08	75.48	---	26.31	---	49.17
MW-O-1	01/15/09	75.48	---	25.84	---	49.64
MW-O-1	04/21/09	75.48	---	25.41	---	50.07
MW-O-1	10/19/09	75.48	---	26.30	---	49.18
MW-O-1	10/04/10	75.48	---	26.90	---	48.58
MW-O-1	04/11/11	75.48	---	25.59	---	49.89
MW-O-1	10/10/11	75.48	---	26.52	---	48.96
MW-O-1	04/16/12	75.48	---	27.25	---	48.23
MW-O-1	07/09/12	75.48	---	NM	---	NC
MW-O-1	10/15/12	75.48	---	28.94	---	46.54
MW-O-1	04/08/13	75.48	---	28.81	---	46.67
MW-O-1	10/07/13	75.48	---	29.21	---	46.27
MW-O-1	04/14/14	75.48	---	29.82	---	45.66
MW-O-1	10/27/14	75.48	---	29.92	---	45.56
MW-O-1	04/20/15	75.48	---	30.39	---	45.09
MW-O-1	10/27/15	75.48	---	27.67	---	47.81
MW-O-1	03/14/16	75.48	---	DRY	---	NC
MW-O-1	04/11/16	75.48	---	DRY	---	NC
MW-O-1	06/29/16	75.48	---	DRY	---	NC
MW-O-1	08/22/16	75.48	---	DRY	---	NC
MW-O-1	10/03/16	75.48	---	DRY	---	NC
MW-O-1	10/03/16	75.48	---	DRY	---	NC
MW-O-1	04/17/17	75.48	---	DRY	---	NC
MW-O-1	10/02/17	75.48	---	DRY	---	NC
MW-O-1	04/16/18	75.48	---	DRY	---	NC
MW-O-2	05/28/96	74.38	25.39	27.40	2.01	48.59
MW-O-2	11/20/96	74.38	25.55	29.58	4.03	48.02
MW-O-2	07/01/97	74.31	26.15	26.49	0.34	48.09
MW-O-2	12/31/97	74.31	26.78	29.00	2.22	47.09
MW-O-2	08/09/99	74.31	---	NM	---	NC
MW-O-2	05/15/00	74.31	25.37	29.63	4.26	48.09
MW-O-2	11/13/00	74.31	25.61	26.32	0.71	48.56
MW-O-2	05/07/01	74.31	---	NM	---	NC
MW-O-2	11/05/01	74.31	---	24.62	---	49.69
MW-O-2	04/08/02	74.31	---	25.71	---	48.60
MW-O-2	04/07/03	74.31	---	NM	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-O-2	10/06/03	74.31	23.00	24.19	1.19	51.07
MW-O-2	05/02/05	74.31	---	27.02	---	47.29
MW-O-2	10/31/05	74.31	27.58	27.82	0.24	46.68
MW-O-2	05/22/06	74.31	21.31	21.32	0.01	53.00
MW-O-2	12/04/06	74.31	---	23.10	---	51.21
MW-O-2	04/30/07	74.31	---	22.53	---	51.78
MW-O-2	11/12/07	71.90	---	23.10	---	48.80
MW-O-2	08/15/08	71.90	---	NM	---	NC
MW-O-2	10/17/08	71.90	---	24.85	---	47.05
MW-O-2	12/19/08	71.90	---	25.51	---	46.39
MW-O-2	03/27/09	71.90	---	25.22	---	46.68
MW-O-2	04/21/09	71.90	---	NM	---	NC
MW-O-2	07/21/09	71.90	---	23.63	---	48.27
MW-O-2	10/19/09	71.90	---	NM	---	NC
MW-O-2	11/09/09	71.90	---	25.39	---	46.51
MW-O-2	10/04/10	71.90	---	26.05	---	45.85
MW-O-2	04/13/11	71.90	---	23.31	---	48.59
MW-O-2	10/10/11	71.90	---	27.53	---	44.37
MW-O-2	01/09/12	71.90	---	28.13	---	43.77
MW-O-2	04/16/12	71.90	---	NM	---	NC
MW-O-2	07/09/12	71.90	---	26.53	---	45.37
MW-O-2	10/15/12	71.90	---	26.89	---	45.01
MW-O-2	01/14/13	71.90	---	26.93	---	44.97
MW-O-2	04/08/13	71.90	---	NM	---	NC
MW-O-2	06/06/13	71.90	---	28.99	---	42.91
MW-O-2	10/07/13	71.90	---	29.06	---	42.84
MW-O-2	04/14/14	71.90	---	29.36	---	42.54
MW-O-2	10/27/14	71.90	29.65	29.81	0.16	42.22
MW-O-2	04/20/15	71.90	29.34	30.94	1.60	42.24
MW-O-2	05/21/15	71.90	27.31	32.50	5.19	43.55
MW-O-2	05/29/15	71.90	30.20	31.52	1.32	41.44
MW-O-2	06/05/15	71.90	30.57	31.45	0.88	41.15
MW-O-2	06/12/15	71.90	30.60	31.05	0.45	41.21
MW-O-2	06/19/15	71.90	30.90	31.10	0.20	40.96
MW-O-2	06/26/15	71.90	31.37	31.66	0.29	40.47
MW-O-2	10/19/15	71.90	30.53	32.39	1.86	41.00
MW-O-2	03/14/16	71.90	34.86	35.49	0.63	36.91
MW-O-2	04/11/16	71.90	32.54	33.03	0.49	39.26
MW-O-2	06/30/16	71.90	33.80	34.20	0.40	38.02
MW-O-2	08/22/16	71.90	---	33.93	---	37.97
MW-O-2	10/03/16	71.90	34.22	34.30	0.08	37.66
MW-O-2	10/03/16	71.90	34.22	34.30	0.08	NC
MW-O-2	04/17/17	71.90	30.85	30.91	0.06	41.04
MW-O-2	10/02/17	71.90	---	34.67	---	37.23
MW-O-2	04/16/18	71.90	34.16	34.18	0.02	37.74
MW-O-4	05/04/99	75.00	24.14	24.19	0.05	50.85
MW-O-4	11/15/99	75.00	---	NM	---	NC
MW-O-4	05/15/00	75.00	---	NM	---	NC
MW-O-4	04/08/02	75.00	---	22.71	---	52.29
MW-SF-1	08/07/01	76.31	29.07	29.18	0.11	47.22
MW-SF-1	04/08/02	78.93	---	29.81	---	49.12
MW-SF-1	11/04/02	78.93	31.02	31.03	0.01	47.91
MW-SF-1	04/07/03	78.93	---	NM	---	NC
MW-SF-1	07/30/03	78.93	---	29.97	---	48.96
MW-SF-1	10/06/03	78.93	---	30.01	---	48.92

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-1	01/11/04	78.93	---	31.12	---	47.81
MW-SF-1	04/19/04	78.93	---	30.71	---	48.22
MW-SF-1	05/02/05	78.93	---	26.21	---	52.72
MW-SF-1	10/31/05	78.93	---	27.09	---	51.84
MW-SF-1	05/01/06	78.93	---	27.51	---	51.42
MW-SF-1	12/04/06	78.93	---	28.28	---	50.65
MW-SF-1	03/12/07	78.93	---	28.71	---	50.22
MW-SF-1	04/30/07	78.93	---	28.44	---	50.49
MW-SF-1	08/28/07	78.93	---	27.94	---	50.99
MW-SF-1	11/12/07	78.93	---	28.76	---	50.17
MW-SF-1	02/19/08	78.93	---	29.50	---	49.43
MW-SF-1	04/14/08	78.93	---	29.16	---	49.77
MW-SF-1	08/11/08	78.93	---	29.75	---	49.18
MW-SF-1	10/13/08	78.93	---	29.86	---	49.07
MW-SF-1	02/23/09	78.93	---	30.00	---	48.93
MW-SF-1	04/20/09	78.93	---	29.97	---	48.96
MW-SF-1	07/20/09	78.93	---	30.98	---	47.95
MW-SF-1	07/22/09	78.93	---	30.98	---	47.95
MW-SF-1	10/19/09	78.93	---	31.11	---	47.82
MW-SF-1	03/15/10	78.93	---	31.74	---	47.19
MW-SF-1	05/24/10	78.93	---	30.79	---	48.14
MW-SF-1	05/28/10	78.93	---	30.57	---	48.36
MW-SF-1	06/22/10	78.93	---	30.84	---	48.09
MW-SF-1	07/12/10	78.93	---	30.51	---	48.42
MW-SF-1	10/04/10	78.93	---	30.88	---	48.05
MW-SF-1	01/10/11	78.93	---	32.51	---	46.42
MW-SF-1	04/11/11	78.93	---	29.87	---	49.06
MW-SF-1	07/11/11	78.93	---	29.84	---	49.09
MW-SF-1	10/10/11	78.93	---	29.60	---	49.33
MW-SF-1	01/09/12	78.93	---	31.25	---	47.68
MW-SF-1	04/16/12	78.93	---	32.59	---	46.34
MW-SF-1	07/09/12	78.93	---	31.24	---	47.69
MW-SF-1	10/15/12	78.93	---	32.23	---	46.70
MW-SF-1	01/14/13	78.93	---	33.88	---	45.05
MW-SF-1	04/08/13	78.93	---	33.38	---	45.55
MW-SF-1	10/07/13	78.93	31.72	37.14	5.42	46.13
MW-SF-1	04/14/14	78.93	32.69	37.40	4.71	45.30
MW-SF-1	05/06/14	78.93	32.82	39.99	7.17	44.68
MW-SF-1	05/12/14	78.93	33.55	37.31	3.76	44.63
MW-SF-1	05/20/14	78.93	34.60	37.10	2.50	43.83
MW-SF-1	05/27/14	78.93	34.30	36.62	2.32	44.17
MW-SF-1	06/04/14	78.93	35.27	35.98	0.71	43.52
MW-SF-1	06/10/14	78.93	34.48	36.91	2.43	43.96
MW-SF-1	07/03/14	78.93	34.71	36.72	2.01	43.82
MW-SF-1	07/08/14	78.93	34.45	36.60	2.15	44.05
MW-SF-1	07/18/14	78.93	34.77	35.18	0.41	44.08
MW-SF-1	07/24/14	78.93	34.62	35.30	0.68	44.17
MW-SF-1	08/01/14	78.93	34.44	34.74	0.30	44.43
MW-SF-1	08/14/14	78.93	34.41	34.75	0.34	44.45
MW-SF-1	08/19/14	78.93	34.37	34.66	0.29	44.50
MW-SF-1	08/29/14	78.93	35.38	35.65	0.27	43.50
MW-SF-1	09/18/14	78.93	34.49	34.85	0.36	44.37
MW-SF-1	09/26/14	78.93	34.45	34.78	0.33	44.41
MW-SF-1	10/01/14	78.93	34.41	34.77	0.36	44.45
MW-SF-1	10/06/14	78.93	34.42	34.78	0.36	44.44

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-1	10/14/14	78.93	34.41	34.65	0.24	44.47
MW-SF-1	10/23/14	78.93	34.45	34.84	0.39	44.40
MW-SF-1	10/27/14	78.93	34.43	34.80	0.37	44.43
MW-SF-1	11/10/14	78.93	34.51	34.91	0.40	44.34
MW-SF-1	11/18/14	78.93	34.43	34.80	0.37	44.43
MW-SF-1	11/25/14	78.93	34.51	34.53	0.02	44.42
MW-SF-1	12/12/14	78.93	34.78	35.18	0.40	44.07
MW-SF-1	12/19/14	78.93	34.88	35.34	0.46	43.96
MW-SF-1	04/20/15	78.93	34.48	34.89	0.41	44.37
MW-SF-1	05/19/15	78.93	34.55	38.45	3.90	43.60
MW-SF-1	05/29/15	78.93	35.22	36.36	1.14	43.48
MW-SF-1	06/05/15	78.93	35.43	36.50	1.07	43.29
MW-SF-1	06/12/15	78.93	35.41	35.80	0.39	43.44
MW-SF-1	06/19/15	78.93	35.42	36.02	0.60	43.39
MW-SF-1	06/26/15	78.93	36.45	36.60	0.15	42.45
MW-SF-1	10/19/15	78.93	35.53	36.35	0.82	43.24
MW-SF-1	11/17/15	78.93	---	35.65	---	43.28
MW-SF-1	03/14/16	78.93	---	40.40	---	38.53
MW-SF-1	04/11/16	78.93	---	37.96	---	40.97
MW-SF-1	06/29/16	78.93	---	39.05	---	39.88
MW-SF-1	08/22/16	78.93	---	39.04	---	39.89
MW-SF-1	10/03/16	78.93	---	39.20	---	39.73
MW-SF-1	10/03/16	78.93	---	39.20	---	39.73
MW-SF-1	04/17/17	78.93	---	35.75	---	43.18
MW-SF-1	10/02/17	78.93	---	39.98	---	38.95
MW-SF-1	04/16/18	78.93	---	39.43	---	39.50
MW-SF-2	05/28/96	78.45	---	NM	2.46	NC
MW-SF-2	11/20/96	78.45	30.31	36.68	6.37	46.87
MW-SF-2	07/01/97	78.45	28.43	45.25	16.82	46.66
MW-SF-2	12/31/97	78.45	30.86	33.92	3.06	46.98
MW-SF-2	05/01/98	78.45	20.73	27.55	6.82	56.36
MW-SF-2	08/09/99	78.45	---	NM	---	NC
MW-SF-2	11/15/99	78.45	---	NM	---	NC
MW-SF-2	05/15/00	78.45	27.56	30.01	2.45	50.40
MW-SF-2	11/13/00	78.45	29.27	30.32	1.05	48.97
MW-SF-2	05/07/01	78.45	28.00	29.75	1.75	50.10
MW-SF-2	08/07/01	78.45	28.79	30.25	1.46	49.37
MW-SF-2	11/05/01	78.45	29.50	30.49	0.99	48.75
MW-SF-2	04/08/02	78.45	---	NM	---	NC
MW-SF-2	10/21/02	78.45	29.74	30.74	1.00	48.51
MW-SF-2	04/07/03	78.45	---	NM	---	NC
MW-SF-2	10/06/03	78.93	29.87	29.88	0.01	49.06
MW-SF-2	01/11/04	78.45	---	NM	---	NC
MW-SF-2	04/19/04	78.45	30.90	30.91	0.01	47.55
MW-SF-2	05/02/05	78.45	26.25	26.52	0.27	52.15
MW-SF-2	10/31/05	78.45	26.30	29.71	3.41	51.47
MW-SF-2	05/01/06	78.45	27.22	27.96	0.74	51.08
MW-SF-2	12/04/06	78.45	27.98	28.82	0.30	49.87
MW-SF-2	04/30/07	78.45	28.34	28.35	0.01	50.11
MW-SF-2	11/12/07	78.45	28.71	29.18	0.47	49.65
MW-SF-2	08/12/08	78.45	---	31.11	---	47.34
MW-SF-2	10/17/08	78.45	31.50	31.55	0.05	46.94
MW-SF-2	12/18/08	78.53	32.55	32.75	0.20	45.94
MW-SF-2	01/15/09	78.53	30.57	30.84	0.27	47.91
MW-SF-2	03/24/09	78.53	---	28.85	---	49.68

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-2	04/21/09	78.53	---	29.98	---	48.55
MW-SF-2	07/21/09	78.53	---	29.85	---	48.68
MW-SF-2	10/19/09	78.53	---	NM	---	NC
MW-SF-2	12/09/09	78.53	---	31.45	---	47.08
MW-SF-2	10/04/10	78.53	30.75	30.96	0.21	47.74
MW-SF-2	01/10/11	78.53	32.50	32.62	0.12	46.01
MW-SF-2	04/11/11	78.53	---	29.83	---	48.70
MW-SF-2	07/11/11	78.53	---	NM	---	NC
MW-SF-2	10/10/11	78.53	---	29.82	---	48.71
MW-SF-2	01/09/12	78.53	---	30.52	---	48.01
MW-SF-2	04/16/12	78.53	---	31.28	---	47.25
MW-SF-2	07/09/12	78.53	---	33.18	---	45.35
MW-SF-2	10/15/12	78.53	---	32.11	---	46.42
MW-SF-2	01/14/13	78.53	---	33.59	---	44.94
MW-SF-2	04/08/13	78.53	---	33.32	---	45.21
MW-SF-2	10/07/13	78.53	33.08	34.58	1.50	45.15
MW-SF-2	04/14/14	78.53	33.27	37.50	4.23	44.41
MW-SF-2	05/06/14	78.53	33.24	37.71	4.47	44.40
MW-SF-2	05/12/14	78.53	33.34	37.53	4.19	44.35
MW-SF-2	05/20/14	78.53	33.51	37.62	4.11	44.20
MW-SF-2	05/27/14	78.53	33.77	38.24	4.47	43.87
MW-SF-2	06/04/14	78.53	---	34.63	---	43.90
MW-SF-2	06/10/14	78.53	34.00	38.49	4.49	43.63
MW-SF-2	08/08/14	78.53	33.82	36.23	2.41	44.23
MW-SF-2	08/13/14	78.53	33.59	36.75	3.16	44.31
MW-SF-2	08/19/14	78.53	33.60	36.90	3.30	44.27
MW-SF-2	08/29/14	78.53	33.53	37.11	3.58	44.28
MW-SF-2	09/05/14	78.53	33.51	37.09	3.58	44.30
MW-SF-2	09/11/14	78.53	33.51	37.12	3.61	44.30
MW-SF-2	09/18/14	78.53	33.60	36.89	3.29	44.27
MW-SF-2	09/26/14	78.53	33.54	37.28	3.74	44.24
MW-SF-2	10/01/14	78.53	33.56	37.18	3.62	44.25
MW-SF-2	10/06/14	78.53	33.59	37.16	3.57	44.23
MW-SF-2	10/14/14	78.53	33.64	37.15	3.51	44.19
MW-SF-2	10/23/14	78.53	33.61	37.24	3.63	44.19
MW-SF-2	10/27/14	78.53	33.54	37.04	3.50	44.29
MW-SF-2	11/03/14	78.53	33.55	37.14	3.59	44.26
MW-SF-2	11/10/14	78.53	33.56	37.33	3.77	44.22
MW-SF-2	11/18/14	78.53	33.64	37.21	3.57	44.18
MW-SF-2	11/25/14	78.53	33.69	37.40	3.71	44.10
MW-SF-2	12/03/14	78.53	33.60	37.16	3.56	44.22
MW-SF-2	12/12/14	78.53	33.91	38.05	4.14	43.79
MW-SF-2	12/19/14	78.53	33.95	38.40	4.45	43.69
MW-SF-2	04/20/15	78.53	34.73	36.15	1.42	43.52
MW-SF-2	06/25/15	78.53	35.57	38.95	3.38	42.28
MW-SF-2	10/21/15	78.53	36.13	36.32	0.19	42.36
MW-SF-2	03/16/16	78.53	---	39.27	---	39.26
MW-SF-2	04/11/16	78.53	---	37.47	---	41.06
MW-SF-2	06/29/16	78.53	---	38.08	---	40.45
MW-SF-2	08/22/16	78.53	---	38.83	---	39.70
MW-SF-2	10/03/16	78.53	---	39.60	---	38.93
MW-SF-2	10/03/16	78.53	---	39.60	---	38.93
MW-SF-2	04/17/17	78.53	---	35.78	---	42.75
MW-SF-2	10/02/17	78.53	---	39.68	---	38.85
MW-SF-2	04/16/18	78.53	---	39.47	---	39.06

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-3	08/07/01	76.03	27.67	29.20	1.53	48.05
MW-SF-3	04/08/02	77.62	---	27.17	---	50.45
MW-SF-3	11/04/02	77.62	29.72	29.93	0.21	47.86
MW-SF-3	04/07/03	77.62	---	NM	---	NC
MW-SF-3	10/06/03	78.93	28.92	29.09	0.17	49.98
MW-SF-3	01/11/04	77.62	---	NM	---	NC
MW-SF-3	04/19/04	77.62	29.92	30.81	0.89	47.52
MW-SF-3	05/02/05	77.62	25.09	26.70	1.61	52.21
MW-SF-3	10/31/05	77.62	---	27.91	---	49.71
MW-SF-3	05/01/06	77.62	26.37	26.81	0.44	51.16
MW-SF-3	12/04/06	77.62	27.18	27.77	0.59	50.32
MW-SF-3	04/30/07	77.62	27.45	27.72	0.27	50.12
MW-SF-3	11/12/07	77.62	28.28	29.34	1.06	49.13
MW-SF-3	08/12/08	77.62	29.05	30.30	1.25	48.32
MW-SF-3	10/17/08	77.62	---	29.45	---	48.17
MW-SF-3	12/18/08	78.12	30.82	31.08	0.26	47.25
MW-SF-3	01/15/09	78.12	29.94	29.96	0.02	48.18
MW-SF-3	03/20/09	78.12	---	31.10	---	47.02
MW-SF-3	03/24/09	78.12	---	27.82	---	50.30
MW-SF-3	04/21/09	78.12	29.50	29.51	0.01	48.62
MW-SF-3	07/21/09	78.12	---	30.07	---	48.05
MW-SF-3	10/19/09	78.12	---	NM	---	NC
MW-SF-3	11/06/09	78.12	30.35	30.37	0.02	47.77
MW-SF-3	12/09/09	78.12	---	30.53	---	47.59
MW-SF-3	09/03/10	78.12	30.42	30.97	0.55	47.59
MW-SF-3	10/04/10	78.12	30.30	30.88	0.58	47.70
MW-SF-3	04/12/11	78.12	---	29.44	---	48.68
MW-SF-3	10/10/11	78.12	---	30.75	---	47.37
MW-SF-3	04/16/12	78.12	---	NM	---	NC
MW-SF-3	07/09/12	78.12	---	NM	---	NC
MW-SF-3	10/15/12	78.12	---	32.47	---	45.65
MW-SF-3	05/24/13	78.12	32.51	33.35	0.84	45.44
MW-SF-3	09/25/13	78.12	---	34.40	---	43.72
MW-SF-3	10/07/13	78.12	---	NM	---	NC
MW-SF-3	11/14/13	78.12	---	33.26	---	44.86
MW-SF-3	04/18/14	78.12	33.62	33.72	0.10	44.48
MW-SF-3	08/08/14	78.12	33.71	34.07	0.36	44.34
MW-SF-3	10/14/14	78.12	33.92	34.55	0.63	44.07
MW-SF-3	10/23/14	78.12	33.94	34.57	0.63	44.05
MW-SF-3	10/27/14	78.12	33.85	34.49	0.64	44.14
MW-SF-3	11/10/14	78.12	33.94	34.65	0.71	44.04
MW-SF-3	11/18/14	78.12	33.88	34.62	0.74	44.09
MW-SF-3	11/25/14	78.12	33.94	34.22	0.28	44.12
MW-SF-3	12/12/14	78.12	34.38	34.89	0.51	43.64
MW-SF-3	12/19/14	78.12	34.43	35.04	0.61	43.57
MW-SF-3	04/20/15	78.12	---	34.52	---	43.60
MW-SF-3	10/21/15	78.12	---	35.18	---	42.94
MW-SF-3	03/14/16	78.12	39.40	39.43	0.03	38.71
MW-SF-3	04/11/16	78.12	---	37.17	---	40.95
MW-SF-3	06/30/16	78.12	---	38.28	---	39.84
MW-SF-3	08/23/16	78.12	---	38.33	---	39.79
MW-SF-3	10/03/16	78.12	---	39.40	---	38.72
MW-SF-3	10/03/16	78.12	---	39.40	---	38.72
MW-SF-3	04/20/17	78.12	---	35.15	---	42.97
MW-SF-3	10/02/17	78.12	---	39.20	---	38.92

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-3	04/16/18	78.12	---	38.81	---	39.31
MW-SF-4	05/28/96	79.38	---	NM	0.14	NC
MW-SF-4	11/20/96	79.38	32.17	35.90	3.73	46.45
MW-SF-4	07/01/97	79.38	31.85	36.92	5.07	46.49
MW-SF-4	12/31/97	79.38	32.10	33.89	1.79	46.91
MW-SF-4	05/01/98	79.38	28.27	29.99	1.72	50.76
MW-SF-4	08/09/99	79.38	---	NM	---	NC
MW-SF-4	11/15/99	79.38	---	NM	---	NC
MW-SF-4	11/19/99	79.38	28.80	36.87	8.07	48.93
MW-SF-4	05/15/00	79.38	---	DRY	---	NC
MW-SF-4	11/13/00	79.38	---	DRY	---	NC
MW-SF-4	05/07/01	79.38	---	24.62	---	54.76
MW-SF-4	05/10/01	79.38	---	24.61	---	54.77
MW-SF-4	11/05/01	79.38	---	30.05	---	49.33
MW-SF-4	04/08/02	79.38	---	28.46	---	50.92
MW-SF-4	10/21/02	79.38	---	31.50	---	47.88
MW-SF-4	04/07/03	79.38	---	NM	---	NC
MW-SF-4	07/30/03	79.38	31.89	31.92	0.03	47.48
MW-SF-4	10/06/03	79.38	---	30.82	---	48.56
MW-SF-4	01/11/04	79.38	---	NM	---	NC
MW-SF-4	01/27/04	79.38	31.30	31.94	0.64	47.95
MW-SF-4	04/19/04	79.38	31.65	32.70	1.05	47.51
MW-SF-4	07/19/04	79.38	31.42	31.81	0.39	47.88
MW-SF-4	02/01/05	79.38	30.34	30.71	0.37	48.96
MW-SF-4	05/02/05	79.38	26.85	27.00	0.15	52.50
MW-SF-4	08/01/05	79.38	27.43	27.81	0.34	51.84
MW-SF-4	10/31/05	79.38	---	27.11	---	52.27
MW-SF-4	02/27/06	79.38	28.20	28.39	0.19	51.14
MW-SF-4	05/01/06	79.38	28.34	28.56	0.22	50.99
MW-SF-4	09/18/06	79.38	29.56	29.94	0.38	49.74
MW-SF-4	12/04/06	79.38	---	26.98	---	52.40
MW-SF-4	03/12/07	79.38	29.41	30.01	0.60	49.85
MW-SF-4	04/30/07	79.38	29.11	29.96	0.85	50.10
MW-SF-4	08/14/07	79.38	28.38	30.34	1.96	50.60
MW-SF-4	08/28/07	79.38	28.30	29.95	1.65	50.74
MW-SF-4	09/11/07	79.38	28.43	29.98	1.55	50.63
MW-SF-4	10/05/07	79.38	28.85	30.68	1.83	50.15
MW-SF-4	10/12/07	79.38	29.96	30.27	0.31	49.36
MW-SF-4	10/19/07	79.38	---	30.28	---	49.10
MW-SF-4	10/26/07	79.38	---	30.52	---	48.86
MW-SF-4	11/02/07	79.38	---	30.68	---	48.70
MW-SF-4	11/12/07	79.38	29.69	29.70	0.01	49.69
MW-SF-4	12/21/07	79.38	---	30.69	---	48.69
MW-SF-4	02/19/08	79.38	---	30.22	---	49.16
MW-SF-4	03/21/08	79.38	---	30.07	---	49.31
MW-SF-4	04/14/08	79.38	---	29.95	---	49.43
MW-SF-4	08/08/08	79.38	---	30.51	---	48.87
MW-SF-4	08/11/08	79.38	---	30.57	---	48.81
MW-SF-4	10/16/08	79.38	---	30.77	---	48.61
MW-SF-4	01/15/09	79.38	---	31.14	---	48.24
MW-SF-4	02/20/09	79.38	---	30.84	---	48.54
MW-SF-4	02/23/09	79.38	---	30.96	---	48.42
MW-SF-4	04/20/09	79.38	29.94	30.02	0.08	49.42
MW-SF-4	04/28/09	79.38	---	30.78	---	48.60
MW-SF-4	07/17/09	79.38	---	31.85	---	47.53

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-4	07/20/09	79.38	31.61	31.65	0.04	47.76
MW-SF-4	07/22/09	79.38	31.61	31.65	0.04	47.76
MW-SF-4	10/19/09	79.38	31.90	31.93	0.03	47.47
MW-SF-4	03/15/10	79.38	31.91	31.95	0.04	47.46
MW-SF-4	05/24/10	79.38	---	31.60	---	47.78
MW-SF-4	05/28/10	79.38	---	26.40	---	52.98
MW-SF-4	06/22/10	79.38	---	31.63	---	47.75
MW-SF-4	07/12/10	79.38	---	31.37	---	48.01
MW-SF-4	10/04/10	79.38	---	31.81	---	47.57
MW-SF-4	01/10/11	79.38	---	32.99	---	46.39
MW-SF-4	04/11/11	79.38	---	30.85	---	48.53
MW-SF-4	07/11/11	79.38	---	30.35	---	49.03
MW-SF-4	10/10/11	79.38	---	NM	---	NC
MW-SF-4	01/09/12	79.38	---	32.07	---	47.31
MW-SF-4	04/16/12	79.38	---	33.35	---	46.03
MW-SF-4	07/09/12	79.38	---	32.11	---	47.27
MW-SF-4	10/15/12	79.38	---	34.04	---	45.34
MW-SF-4	01/14/13	79.38	---	34.52	---	44.86
MW-SF-4	04/08/13	79.38	---	DRY	---	NC
MW-SF-4	10/07/13	79.38	---	DRY	---	NC
MW-SF-4	04/25/14	79.38	34.23	40.03	5.80	43.96
MW-SF-4	05/06/14	79.38	33.91	39.78	5.87	44.27
MW-SF-4	05/12/14	79.38	34.64	37.02	2.38	44.25
MW-SF-4	05/20/14	79.38	35.60	36.60	1.00	43.58
MW-SF-4	05/27/14	79.38	35.45	36.12	0.67	43.79
MW-SF-4	06/04/14	79.38	35.91	36.54	0.63	43.34
MW-SF-4	06/10/14	79.38	35.38	37.02	1.64	43.66
MW-SF-4	07/03/14	79.38	35.63	36.98	1.35	43.47
MW-SF-4	07/08/14	79.38	35.34	36.78	1.44	43.74
MW-SF-4	07/18/14	79.38	35.55	35.88	0.33	43.76
MW-SF-4	07/24/14	79.38	35.42	35.98	0.56	43.85
MW-SF-4	08/01/14	79.38	35.30	35.57	0.27	44.02
MW-SF-4	08/14/14	79.38	35.23	35.42	0.19	44.11
MW-SF-4	08/19/14	79.38	35.21	35.36	0.15	44.14
MW-SF-4	08/29/14	79.38	35.20	35.32	0.12	44.16
MW-SF-4	09/18/14	79.38	35.30	35.55	0.25	44.03
MW-SF-4	09/26/14	79.38	35.30	35.56	0.26	44.03
MW-SF-4	10/01/14	79.38	35.24	35.56	0.32	44.07
MW-SF-4	10/06/14	79.38	35.22	35.48	0.26	44.11
MW-SF-4	10/14/14	79.38	35.20	35.33	0.13	44.15
MW-SF-4	10/23/14	79.38	35.22	35.51	0.29	44.10
MW-SF-4	10/27/14	79.38	35.25	35.54	0.29	44.07
MW-SF-4	11/18/14	79.38	35.25	35.56	0.31	44.07
MW-SF-4	11/25/14	79.38	35.32	35.66	0.34	43.99
MW-SF-4	12/12/14	79.38	35.58	35.81	0.23	43.75
MW-SF-4	12/19/14	79.38	35.62	35.75	0.13	43.73
MW-SF-4	04/20/15	79.38	35.29	37.78	2.49	43.58
MW-SF-4	05/19/15	79.38	35.28	39.22	3.94	43.29
MW-SF-4	05/29/15	79.38	35.80	37.10	1.30	43.31
MW-SF-4	06/05/15	79.38	36.15	36.85	0.70	43.09
MW-SF-4	06/12/15	79.38	36.15	36.55	0.40	43.15
MW-SF-4	06/19/15	79.38	36.42	36.68	0.26	42.91
MW-SF-4	06/26/15	79.38	36.96	37.23	0.27	42.36
MW-SF-4	10/19/15	79.38	36.25	38.12	1.87	42.75
MW-SF-4	11/17/15	79.38	35.98	37.83	1.85	43.02

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-4	03/14/16	79.38	---	40.80	---	38.58
MW-SF-4	04/11/16	79.38	---	37.76	---	41.62
MW-SF-4	06/29/16	79.38	---	39.54	---	39.84
MW-SF-4	08/22/16	79.38	---	39.76	---	39.62
MW-SF-4	10/03/16	79.38	---	41.05	---	38.33
MW-SF-4	10/03/16	79.38	---	41.05	---	38.33
MW-SF-4	04/17/17	79.38	---	36.67	---	42.71
MW-SF-4	10/02/17	79.38	---	40.07	---	39.31
MW-SF-4	04/16/18	79.38	---	39.90	---	39.48
MW-SF-5	08/07/01	75.63	---	30.33	---	45.30
MW-SF-5	04/08/02	79.74	---	26.42	---	53.32
MW-SF-5	11/04/02	79.74	31.77	31.79	0.02	47.97
MW-SF-5	04/07/03	79.74	---	NM	---	NC
MW-SF-5	10/06/03	79.74	31.14	31.15	0.01	48.60
MW-SF-5	01/11/04	79.74	---	NM	---	NC
MW-SF-5	04/19/04	79.74	---	32.22	---	47.52
MW-SF-5	05/02/05	79.74	---	27.50	---	52.24
MW-SF-5	10/31/05	79.74	---	27.99	---	51.75
MW-SF-5	05/01/06	79.74	---	28.42	---	51.32
MW-SF-5	12/04/06	79.74	---	28.23	---	51.51
MW-SF-5	04/30/07	79.74	---	29.54	---	50.20
MW-SF-5	08/21/07	79.74	---	28.36	---	51.38
MW-SF-5	08/28/07	79.74	---	28.84	---	50.90
MW-SF-5	10/05/07	79.74	---	29.50	---	50.24
MW-SF-5	11/02/07	79.74	---	31.50	---	48.24
MW-SF-5	11/12/07	79.74	---	29.93	---	49.81
MW-SF-5	12/21/07	79.74	---	31.00	---	48.74
MW-SF-5	04/14/08	79.74	---	30.20	---	49.54
MW-SF-5	08/11/08	79.74	---	30.85	---	48.89
MW-SF-5	10/13/08	79.74	---	30.93	---	48.81
MW-SF-5	04/20/09	79.74	---	30.99	---	48.75
MW-SF-5	10/19/09	79.74	---	NM	---	NC
MW-SF-5	05/24/10	79.74	---	31.55	---	48.19
MW-SF-5	05/28/10	79.74	---	31.44	---	48.30
MW-SF-5	06/22/10	79.74	---	31.57	---	48.17
MW-SF-5	10/04/10	79.74	---	31.39	---	48.35
MW-SF-5	01/10/11	79.74	---	33.80	---	45.94
MW-SF-5	04/11/11	79.74	---	31.03	---	48.71
MW-SF-5	07/11/11	79.74	---	NM	---	NC
MW-SF-5	10/10/11	79.74	---	31.28	---	48.46
MW-SF-5	01/09/12	79.74	---	32.12	---	47.62
MW-SF-5	04/16/12	79.74	---	33.30	---	46.44
MW-SF-5	07/09/12	79.74	---	34.45	---	45.29
MW-SF-5	10/15/12	79.74	---	33.28	---	46.46
MW-SF-5	01/14/13	79.74	---	33.37	---	46.37
MW-SF-5	04/08/13	79.74	---	34.28	---	45.46
MW-SF-5	10/07/13	79.74	---	34.58	---	45.16
MW-SF-5	04/14/14	79.74	---	35.33	---	44.41
MW-SF-5	10/27/14	79.74	---	35.48	---	44.26
MW-SF-5	04/20/15	79.74	---	36.05	---	43.69
MW-SF-5	10/19/15	79.74	---	36.82	---	42.92
MW-SF-5	03/14/16	79.74	---	DRY	---	NC
MW-SF-5	04/11/16	79.74	---	DRY	---	NC
MW-SF-5	06/29/16	79.74	---	DRY	---	NC
MW-SF-5	08/22/16	79.74	---	DRY	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-5	10/03/16	79.74	---	DRY	---	NC
MW-SF-5	10/03/16	79.74	---	DRY	---	NC
MW-SF-5	04/17/17	79.74	---	36.88	---	42.86
MW-SF-5	10/02/17	79.74	---	DRY	---	NC
MW-SF-5	04/16/18	79.74	---	DRY	---	NC
MW-SF-6	05/28/96	80.59	---	NM	7.16	NC
MW-SF-6	11/20/96	80.59	31.88	39.82	7.94	47.12
MW-SF-6	07/01/97	80.59	33.20	39.18	5.98	46.19
MW-SF-6	12/31/97	80.59	34.38	39.94	5.56	45.10
MW-SF-6	05/01/98	80.59	24.82	30.01	5.19	54.73
MW-SF-6	08/09/99	80.59	---	NM	---	NC
MW-SF-6	11/15/99	80.59	---	NM	---	NC
MW-SF-6	05/15/00	80.59	29.67	31.19	1.52	50.62
MW-SF-6	11/13/00	80.59	---	NM	---	NC
MW-SF-6	05/07/01	80.59	---	NM	---	NC
MW-SF-6	08/07/01	80.59	---	NM	---	NC
MW-SF-6	11/05/01	80.59	---	NM	---	NC
MW-SF-6	04/07/03	79.96	---	NM	---	NC
MW-SF-6	10/06/03	79.96	---	NM	---	NC
MW-SF-6	01/11/04	79.96	---	NM	---	NC
MW-SF-6	04/19/04	79.96	---	NM	---	NC
MW-SF-6	05/02/05	79.96	---	NM	---	NC
MW-SF-6	10/31/05	79.96	---	NM	---	NC
MW-SF-6	05/01/06	79.96	---	25.43	---	54.53
MW-SF-6	04/30/07	79.96	27.20	27.44	0.24	52.71
MW-SF-6	11/12/07	79.96	---	27.14	---	52.82
MW-SF-6	08/12/08	79.96	---	29.82	---	50.14
MW-SF-6	10/17/08	79.96	---	29.75	---	50.21
MW-SF-6	12/18/08	76.80	---	30.73	---	46.07
MW-SF-6	01/15/09	76.80	---	31.35	---	45.45
MW-SF-6	03/24/09	76.80	---	30.50	---	46.30
MW-SF-6	04/21/09	76.80	---	28.45	---	48.35
MW-SF-6	07/21/09	76.80	---	27.22	---	49.58
MW-SF-6	10/19/09	76.80	---	NM	---	NC
MW-SF-6	11/06/09	76.80	---	29.10	---	47.70
MW-SF-6	12/09/09	76.80	---	31.35	---	45.45
MW-SF-6	10/04/10	76.80	---	29.09	---	47.71
MW-SF-6	01/10/11	76.80	---	30.87	---	45.93
MW-SF-6	04/11/11	76.80	---	28.16	---	48.64
MW-SF-6	07/11/11	76.80	---	NM	---	NC
MW-SF-6	10/10/11	76.80	---	28.21	---	48.59
MW-SF-6	01/09/12	76.80	---	29.03	---	47.77
MW-SF-6	04/16/12	76.80	---	29.66	---	47.14
MW-SF-6	07/09/12	76.80	---	31.46	---	45.34
MW-SF-6	10/15/12	76.80	---	31.44	---	45.36
MW-SF-6	01/14/13	76.80	---	31.53	---	45.27
MW-SF-6	04/08/13	76.80	28.81	30.21	1.40	47.71
MW-SF-6	10/07/13	76.80	---	NM	---	NC
MW-SF-6	11/14/13	76.80	---	31.90	---	44.90
MW-SF-6	04/18/14	76.80	32.15	33.30	1.15	44.42
MW-SF-6	08/08/14	76.80	33.31	34.50	1.19	43.25
MW-SF-6	08/13/14	76.80	32.54	32.95	0.41	44.18
MW-SF-6	08/19/14	76.80	32.62	32.87	0.25	44.13
MW-SF-6	08/29/14	76.80	32.56	32.79	0.23	44.19
MW-SF-6	09/05/14	76.80	32.59	32.81	0.22	44.17

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-6	09/18/14	76.80	32.65	32.95	0.30	44.09
MW-SF-6	09/26/14	76.80	32.61	32.94	0.33	44.12
MW-SF-6	10/01/14	76.80	32.60	32.91	0.31	44.14
MW-SF-6	10/06/14	76.80	32.61	32.90	0.29	44.13
MW-SF-6	10/14/14	76.80	33.60	33.72	0.12	43.18
MW-SF-6	10/23/14	76.80	33.94	34.57	0.63	42.73
MW-SF-6	10/27/14	76.80	32.58	32.92	0.34	44.15
MW-SF-6	11/18/14	76.80	32.62	32.99	0.37	44.11
MW-SF-6	11/25/14	76.80	32.58	32.66	0.08	44.20
MW-SF-6	12/12/14	76.80	33.07	33.45	0.38	43.65
MW-SF-6	12/19/14	76.80	33.15	33.60	0.45	43.56
MW-SF-6	04/20/15	76.80	33.11	33.23	0.12	43.67
MW-SF-6	10/21/15	76.80	---	34.28	---	42.52
MW-SF-6	03/14/16	76.80	38.08	38.10	0.02	38.72
MW-SF-6	04/11/16	76.80	---	35.83	---	40.97
MW-SF-6	06/29/16	76.80	---	36.89	---	39.91
MW-SF-6	08/22/16	76.80	---	37.11	---	39.69
MW-SF-6	10/03/16	76.80	---	38.45	---	38.35
MW-SF-6	10/03/16	76.80	---	38.45	---	38.35
MW-SF-6	04/17/17	76.80	---	34.03	---	42.77
MW-SF-6	10/02/17	76.80	---	37.89	---	38.91
MW-SF-6	04/16/18	76.80	---	37.65	---	39.15
MW-SF-9	11/19/99	74.10	---	25.57	---	48.53
MW-SF-9	11/05/01	74.10	---	32.11	---	41.99
MW-SF-9	04/08/02	74.10	---	31.62	---	42.48
MW-SF-9	04/07/03	74.10	---	NM	---	NC
MW-SF-9	07/30/03	74.10	---	25.12	---	48.98
MW-SF-9	10/06/03	74.10	---	25.23	---	48.87
MW-SF-9	01/11/04	74.10	26.00	26.02	0.02	48.10
MW-SF-9	04/19/04	74.10	26.20	26.23	0.03	47.89
MW-SF-9	05/02/05	74.10	---	20.41	---	53.69
MW-SF-9	10/31/05	74.10	---	27.09	---	47.01
MW-SF-9	05/01/06	74.10	---	22.57	---	51.53
MW-SF-9	12/04/06	74.10	---	23.30	---	50.80
MW-SF-9	04/30/07	74.10	---	22.66	---	51.44
MW-SF-9	08/14/07	74.10	28.61	28.73	0.12	45.47
MW-SF-9	08/21/07	74.10	---	26.55	---	47.55
MW-SF-9	08/28/07	74.10	---	20.55	---	53.55
MW-SF-9	09/11/07	74.10	---	19.40	---	54.70
MW-SF-9	10/05/07	74.10	---	26.84	---	47.26
MW-SF-9	11/02/07	74.10	---	22.76	---	51.34
MW-SF-9	11/12/07	74.10	---	22.96	---	51.14
MW-SF-9	12/21/07	74.10	---	24.05	---	50.05
MW-SF-9	04/14/08	74.10	---	24.23	---	49.87
MW-SF-9	10/13/08	74.10	---	24.83	---	49.27
MW-SF-9	04/20/09	74.10	---	25.27	---	48.83
MW-SF-9	10/19/09	74.10	---	26.45	---	47.65
MW-SF-9	05/24/10	74.10	---	25.80	---	48.30
MW-SF-9	05/28/10	74.10	---	25.66	---	48.44
MW-SF-9	06/22/10	74.10	---	25.84	---	48.26
MW-SF-9	10/04/10	74.10	---	26.10	---	48.00
MW-SF-9	01/10/11	74.10	---	27.41	---	46.69
MW-SF-9	04/11/11	74.10	---	24.16	---	49.94
MW-SF-9	07/11/11	74.10	---	NM	---	NC
MW-SF-9	10/10/11	74.10	---	25.02	---	49.08

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-9	01/09/12	74.10	---	25.98	---	48.12
MW-SF-9	04/16/12	74.10	---	25.92	---	48.18
MW-SF-9	07/09/12	74.10	---	26.44	---	47.66
MW-SF-9	10/15/12	74.10	---	NM	---	NC
MW-SF-9	04/08/13	74.10	---	DRY	---	NC
MW-SF-9	06/06/13	74.10	---	28.53	---	45.57
MW-SF-9	10/07/13	74.10	---	28.95	---	45.15
MW-SF-9	04/25/14	74.10	27.95	34.75	6.80	44.89
MW-SF-9	05/05/14	74.10	31.76	37.81	6.05	41.22
MW-SF-9	05/12/14	74.10	29.11	32.32	3.21	44.40
MW-SF-9	05/20/14	74.10	29.95	30.75	0.80	44.00
MW-SF-9	05/27/14	74.10	32.32	38.08	5.76	40.71
MW-SF-9	06/04/14	74.10	28.61	32.19	3.58	44.83
MW-SF-9	06/10/14	74.10	28.85	36.27	7.42	43.88
MW-SF-9	07/03/14	74.10	32.59	39.26	6.67	40.28
MW-SF-9	07/08/14	74.10	28.60	36.40	7.80	44.06
MW-SF-9	07/18/14	74.10	29.66	31.04	1.38	44.18
MW-SF-9	07/24/14	74.10	29.85	31.15	1.30	44.01
MW-SF-9	08/01/14	74.10	29.85	30.25	0.40	44.18
MW-SF-9	08/14/14	74.10	29.82	30.13	0.31	44.22
MW-SF-9	08/19/14	74.10	29.85	30.08	0.23	44.21
MW-SF-9	08/29/14	74.10	29.81	30.10	0.29	44.24
MW-SF-9	09/05/14	74.10	29.84	30.13	0.29	44.21
MW-SF-9	09/11/14	74.10	28.47	29.49	1.02	45.44
MW-SF-9	09/18/14	74.10	29.90	30.29	0.39	44.13
MW-SF-9	09/26/14	74.10	29.84	30.25	0.41	44.18
MW-SF-9	10/01/14	74.10	29.84	30.24	0.40	44.19
MW-SF-9	10/06/14	74.10	29.83	30.24	0.41	44.19
MW-SF-9	10/14/14	74.10	29.81	30.12	0.31	44.23
MW-SF-9	10/23/14	74.10	29.85	30.27	0.42	44.17
MW-SF-9	10/27/14	74.10	29.89	30.29	0.40	44.14
MW-SF-9	11/18/14	74.10	29.86	30.35	0.49	44.15
MW-SF-9	11/25/14	74.10	29.91	30.42	0.51	44.10
MW-SF-9	12/12/14	74.10	30.10	30.65	0.55	43.90
MW-SF-9	12/19/14	74.10	30.13	30.80	0.67	43.85
MW-SF-9	04/20/15	74.10	27.67	36.69	9.02	44.76
MW-SF-9	05/19/15	74.10	26.83	35.68	8.85	45.63
MW-SF-9	05/21/15	74.10	27.31	32.50	5.19	45.83
MW-SF-9	05/29/15	74.10	30.10	32.95	2.85	43.47
MW-SF-9	06/02/15	74.10	30.45	31.67	1.22	43.42
MW-SF-9	06/05/15	74.10	30.60	31.85	1.25	43.27
MW-SF-9	06/12/15	74.10	30.75	31.28	0.53	43.25
MW-SF-9	06/19/15	74.10	31.00	31.30	0.30	43.04
MW-SF-9	06/26/15	74.10	29.50	31.20	1.70	44.29
MW-SF-9	08/11/15	74.10	29.90	36.90	7.00	42.90
MW-SF-9	08/18/15	74.10	30.25	35.19	4.94	42.94
MW-SF-9	08/28/15	74.10	30.75	31.60	0.85	43.19
MW-SF-9	09/01/15	74.10	30.90	31.78	0.88	43.04
MW-SF-9	10/16/15	74.10	31.09	31.60	0.51	42.92
MW-SF-9	10/19/15	74.10	31.04	31.44	0.40	42.99
MW-SF-9	10/30/15	74.10	32.06	32.60	0.54	41.94
MW-SF-9	11/17/15	74.10	31.68	31.71	0.03	42.41
MW-SF-9	03/14/16	74.10	---	34.14	---	39.96
MW-SF-9	04/11/16	74.10	---	32.89	---	41.21
MW-SF-9	06/29/16	74.10	---	34.00	---	40.10

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-9	08/22/16	74.10	---	NM	---	NC
MW-SF-9	10/03/16	74.10	---	NM	---	NC
MW-SF-9	04/17/17	74.10	---	NM	---	NC
MW-SF-9	10/02/17	74.10	---	NM	---	NC
MW-SF-9	04/16/18	74.10	---	NM	---	NC
MW-SF-10	10/17/08	76.53	---	27.49	---	49.04
MW-SF-10	10/19/09	76.53	---	28.61	---	47.92
MW-SF-10	10/04/10	76.53	28.36	28.50	0.14	48.14
MW-SF-10	04/11/11	76.53	27.37	27.41	0.04	49.15
MW-SF-10	10/10/11	76.53	---	27.60	---	48.93
MW-SF-10	04/16/12	76.53	---	28.81	---	47.72
MW-SF-10	07/09/12	76.53	---	NM	---	NC
MW-SF-10	10/15/12	76.53	---	29.27	---	47.26
MW-SF-10	04/08/13	76.53	---	DRY	---	NC
MW-SF-10	10/07/13	76.53	---	DRY	---	NC
MW-SF-10	04/14/14	76.53	---	DRY	---	NC
MW-SF-10	10/27/14	76.53	---	DRY	---	NC
MW-SF-10	04/20/15	76.53	---	DRY	---	NC
MW-SF-10	10/19/15	76.53	---	DRY	---	NC
MW-SF-10	03/14/16	76.53	---	DRY	---	NC
MW-SF-10	04/11/16	76.53	---	DRY	---	NC
MW-SF-10	06/29/16	76.53	---	DRY	---	NC
MW-SF-10	08/22/16	76.53	---	DRY	---	NC
MW-SF-10	10/03/16	76.53	---	DRY	---	NC
MW-SF-10	10/03/16	76.53	---	DRY	---	NC
MW-SF-10	04/17/17	76.53	---	DRY	---	NC
MW-SF-10	10/02/17	76.53	---	DRY	---	NC
MW-SF-10	04/16/18	76.53	---	DRY	---	NC
MW-SF-11	08/14/07	78.56	28.30	28.58	0.28	50.20
MW-SF-11	08/21/07	78.56	28.63	28.76	0.13	49.90
MW-SF-11	08/28/07	78.56	---	28.22	---	50.34
MW-SF-11	09/11/07	78.56	---	26.90	---	51.66
MW-SF-11	10/05/07	78.56	---	28.43	---	50.13
MW-SF-11	11/02/07	78.56	29.38	29.48	0.10	49.16
MW-SF-11	11/12/07	78.56	---	29.03	---	49.53
MW-SF-11	08/15/08	78.56	---	30.13	---	48.43
MW-SF-11	10/17/08	78.56	---	30.50	---	48.06
MW-SF-11	12/18/08	78.56	---	29.92	---	48.64
MW-SF-11	01/15/09	78.56	---	30.32	---	48.24
MW-SF-11	03/24/09	78.56	---	31.05	---	47.51
MW-SF-11	04/21/09	78.56	---	30.03	---	48.53
MW-SF-11	07/21/09	78.56	---	30.89	---	47.67
MW-SF-11	10/19/09	78.56	---	NM	---	NC
MW-SF-11	11/09/09	78.56	---	31.00	---	47.56
MW-SF-11	09/03/10	78.56	---	31.22	---	47.34
MW-SF-11	10/04/10	78.56	---	30.94	---	47.62
MW-SF-11	04/12/11	78.56	---	30.82	---	47.74
MW-SF-11	10/10/11	78.56	---	30.10	---	48.46
MW-SF-11	04/16/12	78.56	---	NM	---	NC
MW-SF-11	07/09/12	78.56	---	NM	---	NC
MW-SF-11	10/15/12	78.56	---	33.28	---	45.28
MW-SF-11	04/08/13	78.56	---	33.11	---	45.45
MW-SF-11	10/07/13	78.56	---	33.91	---	44.65
MW-SF-11	04/14/14	78.56	34.95	35.20	0.25	43.56
MW-SF-11	05/05/14	78.56	33.71	36.52	2.81	44.29

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-11	05/12/14	78.56	33.87	35.45	1.58	44.37
MW-SF-11	05/27/14	78.56	34.65	35.38	0.73	43.76
MW-SF-11	06/04/14	78.56	35.32	35.40	0.08	43.22
MW-SF-11	08/08/14	78.56	33.11	36.22	3.11	44.83
MW-SF-11	08/13/14	78.56	33.47	36.22	2.75	44.54
MW-SF-11	08/19/14	78.56	33.94	36.46	2.52	44.12
MW-SF-11	08/29/14	78.56	33.83	36.68	2.85	44.16
MW-SF-11	09/05/14	78.56	33.80	36.62	2.82	44.20
MW-SF-11	09/11/14	78.56	33.78	37.15	3.37	44.11
MW-SF-11	09/18/14	78.56	33.93	36.79	2.86	44.06
MW-SF-11	09/26/14	78.56	33.88	36.89	3.01	44.08
MW-SF-11	10/01/14	78.56	33.32	34.95	1.63	44.91
MW-SF-11	10/06/14	78.56	33.95	36.36	2.41	44.13
MW-SF-11	10/14/14	78.56	33.86	36.67	2.81	44.14
MW-SF-11	10/23/14	78.56	33.86	36.86	3.00	44.10
MW-SF-11	10/27/14	78.56	33.99	36.20	2.21	44.13
MW-SF-11	11/03/14	78.56	33.84	36.91	3.07	44.11
MW-SF-11	11/18/14	78.56	33.95	36.78	2.83	44.04
MW-SF-11	11/25/14	78.56	34.03	36.65	2.62	44.01
MW-SF-11	12/03/14	78.56	33.94	36.71	2.77	44.07
MW-SF-11	12/12/14	78.56	34.08	37.29	3.21	43.84
MW-SF-11	12/19/14	78.56	34.04	38.03	3.99	43.72
MW-SF-11	03/17/15	78.56	35.50	35.94	0.44	42.97
MW-SF-11	04/20/15	78.56	34.86	38.89	4.03	42.89
MW-SF-11	10/20/15	78.56	35.38	37.42	2.04	42.77
MW-SF-11	03/16/16	78.56	---	39.56	---	39.00
MW-SF-11	04/11/16	78.56	---	37.62	---	40.94
MW-SF-11	06/29/16	78.56	---	37.06	---	41.50
MW-SF-11	08/22/16	78.56	---	39.25	---	39.31
MW-SF-11	10/03/16	78.56	---	40.05	---	38.51
MW-SF-11	10/03/16	78.56	---	40.05	---	38.51
MW-SF-11	04/17/17	78.56	---	35.91	---	42.65
MW-SF-11	10/02/17	78.56	---	40.09	---	38.47
MW-SF-11	04/16/18	78.56	---	39.90	---	38.66
MW-SF-12	08/14/07	78.07	---	27.76	---	50.31
MW-SF-12	08/21/07	78.07	---	27.43	---	50.64
MW-SF-12	08/28/07	78.07	---	27.58	---	50.49
MW-SF-12	09/11/07	78.07	---	27.73	---	50.34
MW-SF-12	10/05/07	78.07	---	28.06	---	50.01
MW-SF-12	11/02/07	78.07	---	29.59	---	48.48
MW-SF-12	11/12/07	78.07	---	28.33	---	49.74
MW-SF-12	08/12/08	78.07	---	30.02	---	48.05
MW-SF-12	10/17/08	78.07	---	30.42	---	47.65
MW-SF-12	12/18/08	78.07	---	31.55	---	46.52
MW-SF-12	01/15/09	78.07	---	30.11	---	47.96
MW-SF-12	03/24/09	78.07	---	29.41	---	48.66
MW-SF-12	04/21/09	78.07	---	29.52	---	48.55
MW-SF-12	07/21/09	78.07	---	28.58	---	49.49
MW-SF-12	10/19/09	78.07	---	NM	---	NC
MW-SF-12	11/04/09	78.07	---	30.36	---	47.71
MW-SF-12	02/04/10	78.07	---	29.20	---	48.87
MW-SF-12	10/04/10	78.07	---	30.70	---	47.37
MW-SF-12	04/11/11	78.07	---	29.47	---	48.60
MW-SF-12	10/10/11	78.07	---	26.60	---	51.47
MW-SF-12	04/16/12	78.07	---	31.40	---	46.67

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-12	07/09/12	78.07	---	NM	---	NC
MW-SF-12	10/15/12	78.07	---	32.12	---	45.95
MW-SF-12	04/08/13	78.07	---	DRY	---	NC
MW-SF-12	10/07/13	78.07	---	NM	---	NC
MW-SF-12	04/14/14	78.07	32.67	38.04	5.37	44.33
MW-SF-12	05/20/14	78.07	32.90	37.80	4.90	44.19
MW-SF-12	05/27/14	78.07	---	33.27	---	44.80
MW-SF-12	06/04/14	78.07	---	32.78	---	45.29
MW-SF-12	06/10/14	78.07	---	33.76	---	44.31
MW-SF-12	07/03/14	78.07	33.58	NM	---	NC
MW-SF-12	07/24/14	78.07	33.35	NM	3.97	NC
MW-SF-12	08/01/14	78.07	33.17	37.20	4.03	44.09
MW-SF-12	09/05/14	78.07	32.93	38.52	5.59	44.02
MW-SF-12	09/11/14	78.07	32.98	38.56	5.58	43.97
MW-SF-12	09/18/14	78.07	33.09	38.25	5.16	43.95
MW-SF-12	09/26/14	78.07	33.03	38.03	5.00	44.04
MW-SF-12	10/01/14	78.07	33.08	37.82	4.74	44.04
MW-SF-12	10/06/14	78.07	33.07	37.63	4.56	44.09
MW-SF-12	10/14/14	78.07	33.13	37.56	4.43	44.05
MW-SF-12	10/23/14	78.07	33.06	37.56	4.50	44.11
MW-SF-12	10/27/14	78.07	33.08	37.40	4.32	44.13
MW-SF-12	11/03/14	78.07	33.09	37.48	4.39	44.10
MW-SF-12	11/18/14	78.07	33.15	37.44	4.29	44.06
MW-SF-12	11/25/14	78.07	33.21	37.35	4.14	44.03
MW-SF-12	12/03/14	78.07	33.12	37.31	4.19	44.11
MW-SF-12	12/12/14	78.07	33.45	37.92	4.47	43.73
MW-SF-12	12/19/14	78.07	33.50	38.25	4.75	43.62
MW-SF-12	03/17/15	78.07	34.05	36.42	2.37	43.55
MW-SF-12	04/20/15	78.07	34.05	36.42	2.37	43.55
MW-SF-12	10/20/15	78.07	34.84	36.78	1.94	42.84
MW-SF-12	03/16/16	78.07	---	39.03	---	39.04
MW-SF-12	04/11/16	78.07	---	37.13	---	40.94
MW-SF-12	06/29/16	78.07	38.28	38.34	0.06	39.78
MW-SF-12	08/22/16	78.07	---	38.60	---	39.47
MW-SF-12	10/03/16	78.07	---	39.45	---	38.62
MW-SF-12	10/03/16	78.07	---	39.45	---	38.62
MW-SF-12	04/17/17	78.07	---	35.12	---	42.95
MW-SF-12	10/02/17	78.07	---	39.31	---	38.76
MW-SF-12	04/16/18	78.07	---	39.09	---	38.98
MW-SF-13	08/14/07	73.40	---	22.98	---	50.42
MW-SF-13	08/21/07	73.40	---	23.11	---	50.29
MW-SF-13	08/28/07	73.40	---	22.85	---	50.55
MW-SF-13	09/11/07	73.40	---	23.10	---	50.30
MW-SF-13	10/05/07	73.40	---	28.11	---	45.29
MW-SF-13	11/02/07	73.40	25.41	25.43	0.02	47.99
MW-SF-13	11/12/07	73.40	---	23.70	---	49.70
MW-SF-13	12/21/07	73.40	24.42	24.45	0.03	48.97
MW-SF-13	08/15/08	73.40	24.11	27.38	3.27	48.47
MW-SF-13	10/17/08	73.40	24.33	27.28	2.95	48.33
MW-SF-13	10/21/08	73.40	24.26	27.14	2.88	48.42
MW-SF-13	12/17/08	73.40	24.70	26.21	1.51	48.32
MW-SF-13	01/15/09	73.40	24.80	26.90	2.10	48.08
MW-SF-13	03/27/09	73.40	25.49	26.46	0.97	47.67
MW-SF-13	04/21/09	73.40	24.78	24.86	0.08	48.60
MW-SF-13	07/21/09	73.40	25.48	25.72	0.24	47.86

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-13	10/19/09	73.40	---	NM	---	NC
MW-SF-13	11/06/09	73.40	---	25.72	---	47.68
MW-SF-13	02/04/10	73.40	25.30	25.43	0.13	48.07
MW-SF-13	09/03/10	73.40	25.71	27.40	1.69	47.27
MW-SF-13	10/04/10	73.40	25.92	26.95	1.03	47.22
MW-SF-13	04/12/11	73.40	24.78	24.79	0.01	48.62
MW-SF-13	10/10/11	73.40	---	26.00	---	47.40
MW-SF-13	04/16/12	73.40	---	27.19	---	46.21
MW-SF-13	07/09/12	73.40	---	NM	---	NC
MW-SF-13	10/15/12	73.40	---	27.01	---	46.39
MW-SF-13	04/08/13	73.40	---	27.90	---	45.50
MW-SF-13	10/07/13	73.40	---	NM	---	NC
MW-SF-13	11/14/13	73.40	28.25	29.95	1.70	44.73
MW-SF-13	04/14/14	73.40	28.47	31.36	2.89	44.21
MW-SF-13	05/05/14	73.40	28.49	31.62	3.13	44.13
MW-SF-13	05/12/14	73.40	28.88	30.02	1.14	44.24
MW-SF-13	05/20/14	73.40	29.77	31.10	1.33	43.30
MW-SF-13	05/27/14	73.40	29.48	30.17	0.69	43.75
MW-SF-13	06/04/14	73.40	---	30.22	---	43.18
MW-SF-13	06/10/14	73.40	29.76	30.20	0.44	43.53
MW-SF-13	07/03/14	73.40	29.88	30.49	0.61	43.37
MW-SF-13	07/24/14	73.40	29.54	30.50	0.96	43.62
MW-SF-13	08/01/14	73.40	29.25	29.82	0.57	44.01
MW-SF-13	08/08/14	73.40	33.71	34.07	0.36	39.60
MW-SF-13	08/14/14	73.40	29.13	29.96	0.83	44.06
MW-SF-13	08/19/14	73.40	29.15	29.91	0.76	44.06
MW-SF-13	08/29/14	73.40	29.02	30.15	1.13	44.10
MW-SF-13	09/05/14	73.40	29.08	30.19	1.11	44.04
MW-SF-13	09/11/14	73.40	28.91	30.66	1.75	44.05
MW-SF-13	09/18/14	73.40	29.15	30.41	1.26	43.94
MW-SF-13	09/26/14	73.40	29.14	30.18	1.04	44.00
MW-SF-13	10/01/14	73.40	29.05	30.38	1.33	44.02
MW-SF-13	10/06/14	73.40	29.12	30.10	0.98	44.04
MW-SF-13	10/13/14	73.40	29.07	30.28	1.21	44.03
MW-SF-13	10/23/14	73.40	28.95	30.72	1.77	44.01
MW-SF-13	10/27/14	73.40	29.06	30.21	1.15	44.05
MW-SF-13	11/03/14	73.40	28.93	30.62	1.69	44.05
MW-SF-13	11/18/14	73.40	29.11	30.54	1.43	43.93
MW-SF-13	11/25/14	73.40	29.14	29.48	0.34	44.18
MW-SF-13	12/03/14	73.40	28.93	31.02	2.09	43.95
MW-SF-13	12/12/14	73.40	29.40	31.05	1.65	43.59
MW-SF-13	12/19/14	73.40	29.40	31.11	1.71	43.57
MW-SF-13	04/20/15	73.40	29.04	32.44	3.40	43.51
MW-SF-13	10/19/15	73.40	29.31	35.16	5.85	42.63
MW-SF-13	03/14/16	73.40	---	34.72	---	38.68
MW-SF-13	04/11/16	73.40	---	32.28	---	41.12
MW-SF-13	06/29/16	73.40	---	33.62	---	39.78
MW-SF-13	08/22/16	73.40	---	33.66	---	39.74
MW-SF-13	10/03/16	73.40	---	34.20	---	39.20
MW-SF-13	10/03/16	73.40	---	34.20	---	39.20
MW-SF-13	04/17/17	73.40	---	30.40	---	43.00
MW-SF-13	10/02/17	73.40	---	34.52	---	38.88
MW-SF-13	04/16/18	73.40	---	34.26	---	39.14
MW-SF-14	08/14/07	78.16	---	27.68	---	50.48
MW-SF-14	08/21/07	78.16	---	27.60	---	50.56

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-14	08/28/07	78.16	---	27.53	---	50.63
MW-SF-14	09/11/07	78.16	---	27.66	---	50.50
MW-SF-14	10/05/07	78.16	---	27.75	---	50.41
MW-SF-14	11/02/07	78.16	---	29.83	---	48.33
MW-SF-14	11/12/07	78.16	---	NM	---	NC
MW-SF-14	08/15/08	78.16	29.24	29.77	0.53	48.81
MW-SF-14	10/17/08	78.16	29.50	29.52	0.02	48.66
MW-SF-14	12/18/08	78.16	---	30.62	---	47.54
MW-SF-14	01/15/09	78.16	---	30.08	---	48.08
MW-SF-14	03/24/09	78.16	---	29.73	---	48.43
MW-SF-14	04/21/09	78.16	---	29.61	---	48.55
MW-SF-14	07/21/09	78.16	---	29.20	---	48.96
MW-SF-14	10/19/09	78.16	---	NM	---	NC
MW-SF-14	11/06/09	78.16	---	30.48	---	47.68
MW-SF-14	12/09/09	78.16	---	30.68	---	47.48
MW-SF-14	06/22/10	78.16	---	26.17	---	51.99
MW-SF-14	10/04/10	78.16	---	30.54	---	47.62
MW-SF-14	04/12/11	78.16	---	29.55	---	48.61
MW-SF-14	10/10/11	78.16	---	29.84	---	48.32
MW-SF-14	04/16/12	78.16	---	NM	---	NC
MW-SF-14	07/09/12	78.16	---	NM	---	NC
MW-SF-14	10/15/12	78.16	---	30.02	---	48.14
MW-SF-14	04/08/13	78.16	---	32.75	---	45.41
MW-SF-14	05/24/13	78.16	---	32.75	---	45.41
MW-SF-14	09/26/13	78.16	34.25	34.50	0.25	43.86
MW-SF-14	10/07/13	78.16	---	NM	---	NC
MW-SF-14	11/14/13	78.16	33.19	33.57	0.38	44.89
MW-SF-14	04/14/14	78.16	33.56	34.81	1.25	44.35
MW-SF-14	08/08/14	78.16	33.98	34.24	0.26	44.13
MW-SF-14	10/14/14	78.16	33.80	34.36	0.56	44.25
MW-SF-14	10/23/14	78.16	34.43	34.49	0.06	43.72
MW-SF-14	10/27/14	78.16	33.97	34.40	0.43	44.10
MW-SF-14	11/18/14	78.16	34.07	34.27	0.20	44.05
MW-SF-14	04/20/15	78.16	---	34.48	---	43.68
MW-SF-14	10/21/15	78.16	---	35.25	---	42.91
MW-SF-14	03/14/16	78.16	---	36.21	---	41.95
MW-SF-14	04/11/16	78.16	---	37.14	---	41.02
MW-SF-14	06/29/16	78.16	---	37.36	---	40.80
MW-SF-14	08/22/16	78.16	---	DRY	---	NC
MW-SF-14	10/03/16	78.16	---	DRY	---	NC
MW-SF-14	10/03/16	78.16	---	DRY	---	NC
MW-SF-14	04/17/17	78.16	---	DRY	---	NC
MW-SF-14	10/02/17	78.16	---	DRY	---	NC
MW-SF-14	04/16/18	78.16	---	DRY	---	NC
MW-SF-15	08/14/07	78.27	27.75	27.78	0.03	50.51
MW-SF-15	08/21/07	78.27	27.65	27.69	0.04	50.61
MW-SF-15	08/28/07	78.27	27.61	27.65	0.04	50.65
MW-SF-15	09/11/07	78.27	---	27.62	---	50.65
MW-SF-15	10/05/07	78.27	---	28.15	---	50.12
MW-SF-15	11/02/07	78.27	30.20	30.45	0.25	48.02
MW-SF-15	11/12/07	78.27	---	28.75	---	49.52
MW-SF-15	08/15/08	78.27	29.35	30.12	0.77	48.77
MW-SF-15	10/17/08	78.27	29.44	30.80	1.36	48.56
MW-SF-15	10/21/08	78.27	29.31	30.80	1.49	48.66
MW-SF-15	12/18/08	78.27	30.56	32.11	1.55	47.40

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-15	01/15/09	78.27	29.70	31.75	2.05	48.16
MW-SF-15	03/24/09	78.27	29.93	30.32	0.39	48.26
MW-SF-15	04/21/09	78.27	29.60	29.96	0.36	48.60
MW-SF-15	07/21/09	78.27	---	30.45	---	47.82
MW-SF-15	10/19/09	78.27	---	NM	---	NC
MW-SF-15	11/04/09	78.27	30.45	31.10	0.36	47.46
MW-SF-15	12/09/09	78.27	---	30.87	---	47.40
MW-SF-15	10/04/10	78.27	30.65	30.66	0.01	47.62
MW-SF-15	04/12/11	78.27	29.40	30.50	1.10	48.65
MW-SF-15	10/10/11	78.27	---	29.60	---	48.67
MW-SF-15	12/02/11	78.27	30.05	31.40	1.35	47.95
MW-SF-15	04/16/12	78.27	32.39	32.48	0.09	45.86
MW-SF-15	07/09/12	78.27	---	NM	---	NC
MW-SF-15	10/15/12	78.16	---	33.04	---	45.12
MW-SF-15	04/08/13	78.27	---	33.90	---	44.37
MW-SF-15	05/24/13	78.27	---	33.90	---	44.37
MW-SF-15	10/07/13	78.27	---	NM	---	NC
MW-SF-15	11/14/13	78.27	33.38	33.41	0.03	44.88
MW-SF-15	04/18/14	78.27	---	33.85	---	44.42
MW-SF-15	08/08/14	78.27	33.96	34.87	0.91	44.13
MW-SF-15	08/13/14	78.27	33.95	34.89	0.94	44.13
MW-SF-15	08/19/14	78.27	33.94	34.90	0.96	44.14
MW-SF-15	08/29/14	78.27	35.38	35.65	0.27	42.84
MW-SF-15	10/27/14	78.27	---	35.82	---	42.45
MW-SF-15	04/20/15	78.27	34.12	36.63	2.51	43.65
MW-SF-15	10/19/15	78.27	34.87	37.90	3.03	42.79
MW-SF-15	11/17/15	78.27	35.36	37.71	2.35	42.44
MW-SF-15	03/14/16	78.27	---	39.70	---	38.57
MW-SF-15	04/11/16	78.27	---	37.24	---	41.03
MW-SF-15	06/29/16	78.27	---	38.70	---	39.57
MW-SF-15	08/22/16	78.27	---	38.78	---	39.49
MW-SF-15	10/03/16	78.27	---	39.56	---	38.71
MW-SF-15	10/03/16	78.27	---	39.56	---	38.71
MW-SF-15	04/17/17	78.27	---	35.39	---	42.88
MW-SF-15	10/02/17	78.27	---	39.40	---	38.87
MW-SF-15	04/16/18	78.27	---	39.10	---	39.17
MW-SF-16	08/14/07	78.21	---	27.68	---	50.53
MW-SF-16	08/21/07	78.21	---	27.33	---	50.88
MW-SF-16	08/28/07	78.21	---	27.51	---	50.70
MW-SF-16	09/11/07	78.21	---	27.59	---	50.62
MW-SF-16	10/05/07	78.21	---	28.10	---	50.11
MW-SF-16	11/02/07	78.21	---	29.81	---	48.40
MW-SF-16	11/12/07	78.21	---	28.40	---	49.81
MW-SF-16	08/15/08	78.21	---	29.36	---	48.85
MW-SF-16	10/17/08	78.21	---	29.51	---	48.70
MW-SF-16	12/18/08	78.21	---	30.94	---	47.27
MW-SF-16	01/15/09	78.21	30.00	30.01	0.01	48.21
MW-SF-16	03/24/09	78.21	---	29.82	---	48.39
MW-SF-16	04/21/09	78.21	---	29.60	---	48.61
MW-SF-16	07/21/09	78.21	---	30.36	---	47.85
MW-SF-16	10/19/09	78.21	---	NM	---	NC
MW-SF-16	11/04/09	78.21	---	30.58	---	47.63
MW-SF-16	02/04/10	78.21	---	30.36	---	47.85
MW-SF-16	09/03/10	78.21	---	30.25	---	47.96
MW-SF-16	10/04/10	78.21	---	30.49	---	47.72

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-16	04/12/11	78.21	---	29.52	---	48.69
MW-SF-16	10/10/11	78.21	---	29.85	---	48.36
MW-SF-16	04/16/12	78.21	---	NM	---	NC
MW-SF-16	07/09/12	78.21	---	NM	---	NC
MW-SF-16	10/15/12	78.21	---	32.47	---	45.74
MW-SF-16	04/08/13	78.21	32.73	32.97	0.24	45.43
MW-SF-16	05/24/13	78.21	32.73	32.97	0.24	45.43
MW-SF-16	10/07/13	78.21	---	NM	---	NC
MW-SF-16	11/14/13	78.21	33.21	33.80	0.59	44.88
MW-SF-16	04/18/14	78.21	33.65	34.20	0.55	44.45
MW-SF-16	08/08/14	78.21	34.05	34.06	0.01	44.16
MW-SF-16	10/27/14	78.21	---	34.25	---	43.96
MW-SF-16	04/20/15	78.21	---	34.52	---	43.69
MW-SF-16	06/08/15	78.21	35.00	35.17	0.17	43.18
MW-SF-16	10/21/15	78.21	---	34.56	---	43.65
MW-SF-16	03/14/16	78.21	---	39.60	---	38.61
MW-SF-16	04/11/16	78.21	---	37.15	---	41.06
MW-SF-16	06/29/16	78.21	---	38.35	---	39.86
MW-SF-16	08/22/16	78.21	---	38.51	---	39.70
MW-SF-16	10/03/16	78.21	---	39.35	---	38.86
MW-SF-16	10/03/16	78.21	---	39.35	---	38.86
MW-SF-16	04/17/17	78.21	---	35.20	---	43.01
MW-SF-16	10/02/17	78.21	---	DRY	---	NC
MW-SF-16	04/16/18	78.21	---	DRY	---	NC
OLD_TF-24	11/20/96	76.36	---	31.18	---	45.18
OLD_TF-24	04/27/07	76.36	---	27.39	---	48.97
PO-7	07/08/11	80.26	---	NM	---	NC
PW-1	05/28/96	75.52	---	29.74	---	45.78
PW-1	11/20/96	75.52	---	29.04	---	46.48
PW-1	07/01/97	75.52	---	30.17	---	45.35
PW-1	12/31/97	75.52	---	28.95	---	46.57
PW-1	05/01/98	75.52	---	27.37	---	48.15
PW-1	05/06/99	75.52	---	27.44	---	48.08
PW-1	08/09/99	75.52	---	27.87	---	47.65
PW-1	11/15/99	75.52	---	27.78	---	47.74
PW-1	05/15/00	75.52	---	27.63	---	47.89
PW-1	11/13/00	75.52	---	28.84	---	46.68
PW-1	05/07/01	75.52	---	27.01	---	48.51
PW-1	11/05/01	75.52	---	26.72	---	48.80
PW-1	04/08/02	75.52	---	27.45	---	48.07
PW-1	10/21/02	75.52	---	27.63	---	47.89
PW-1	04/07/03	75.52	---	27.60	---	47.92
PW-1	10/06/03	75.52	---	27.68	---	47.84
PW-1	01/11/04	75.52	---	28.61	---	46.91
PW-1	04/19/04	75.52	---	28.85	---	46.67
PW-1	05/02/05	75.52	---	25.43	---	50.09
PW-1	10/31/05	75.52	---	NM	---	NC
PW-1	05/01/06	75.52	---	25.03	---	50.49
PW-1	12/04/06	75.52	---	25.83	---	49.69
PW-1	04/30/07	75.52	---	25.80	---	49.72
PW-1	11/12/07	75.52	---	26.03	---	49.49
PW-1	04/14/08	75.52	---	26.41	---	49.11
PW-1	10/13/08	75.52	---	26.85	---	48.67
PW-1	11/21/08	75.52	---	26.80	---	48.72
PW-1	04/20/09	75.52	---	27.27	---	48.25

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
PW-1	10/19/09	75.52	---	27.74	---	47.78
PW-1	05/24/10	75.52	---	28.00	---	47.52
PW-1	05/28/10	75.52	---	27.98	---	47.54
PW-1	10/04/10	75.52	---	28.10	---	47.42
PW-1	04/11/11	75.52	---	27.03	---	48.49
PW-1	10/10/11	75.52	---	26.77	---	48.75
PW-1	04/16/12	75.52	---	NM	---	NC
PW-1	07/09/12	75.52	---	NM	---	NC
PW-1	10/15/12	75.52	---	27.76	---	47.76
PW-1	04/08/13	75.52	---	DRY	---	NC
PW-1	10/07/13	75.52	---	DRY	---	NC
PW-1	04/14/14	75.52	---	DRY	---	NC
PW-1	10/27/14	75.52	---	DRY	---	NC
PW-1	04/20/15	75.52	---	DRY	---	NC
PW-1	10/19/15	75.52	---	DRY	---	NC
PW-1	04/11/16	75.52	---	DRY	---	NC
PW-1	10/03/16	75.52	---	DRY	---	NC
PW-1	10/03/16	75.52	---	DRY	---	NC
PW-1	04/17/17	75.52	---	DRY	---	NC
PW-1	10/02/17	75.52	---	34.40	---	41.12
PW-1	04/16/18	75.52	---	DRY	---	NC
PW-2	05/28/96	74.65	---	27.83	---	46.82
PW-2	11/20/96	74.65	---	28.82	---	45.83
PW-2	07/01/97	74.65	---	31.20	---	43.45
PW-2	12/31/97	74.65	---	28.52	---	46.13
PW-2	05/01/98	74.65	---	26.34	---	48.31
PW-2	02/02/99	74.65	---	25.39	---	49.26
PW-2	05/06/99	74.65	---	26.42	---	48.23
PW-2	08/09/99	74.65	---	26.92	---	47.73
PW-2	11/15/99	74.65	---	28.05	---	46.60
PW-2	02/29/00	74.65	---	26.82	---	47.83
PW-2	05/15/00	74.65	---	27.12	---	47.53
PW-2	08/28/00	74.65	---	28.10	---	46.55
PW-2	11/13/00	74.65	---	28.36	---	46.29
PW-2	02/05/01	74.65	---	26.84	---	47.81
PW-2	05/07/01	74.65	---	26.22	---	48.43
PW-2	09/18/01	74.65	---	25.85	---	48.80
PW-2	11/05/01	74.65	---	26.00	---	48.65
PW-2	01/29/02	74.65	---	26.09	---	48.56
PW-2	04/08/02	74.65	---	26.69	---	47.96
PW-2	10/21/02	74.65	---	26.95	---	47.70
PW-2	01/14/03	74.65	---	26.86	---	47.79
PW-2	04/07/03	74.65	---	28.96	---	45.69
PW-2	07/07/03	74.71	---	27.51	---	47.20
PW-2	10/06/03	74.65	---	27.00	---	47.65
PW-2	01/11/04	74.71	---	28.02	---	46.69
PW-2	01/20/04	74.71	---	29.28	---	45.43
PW-2	04/19/04	74.71	---	26.21	---	48.50
PW-2	04/27/04	74.71	---	27.69	---	47.02
PW-2	06/07/04	74.71	---	28.13	---	46.58
PW-2	07/08/04	74.71	---	29.35	---	45.36
PW-2	05/02/05	74.71	---	24.56	---	50.15
PW-2	10/31/05	74.71	---	23.80	---	50.91
PW-2	05/01/06	74.71	---	24.28	---	50.43
PW-2	12/04/06	74.71	---	25.05	---	49.66

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
PW-2	04/30/07	74.71	---	25.02	---	49.69
PW-2	11/12/07	74.71	---	25.41	---	49.30
PW-2	04/14/08	74.71	---	25.75	---	48.96
PW-2	10/13/08	74.71	---	25.15	---	49.56
PW-2	04/20/09	74.71	---	DRY	---	NC
PW-2	10/19/09	74.71	---	DRY	---	NC
PW-2	05/24/10	74.71	---	DRY	---	NC
PW-2	05/28/10	74.71	---	DRY	---	NC
PW-2	10/04/10	74.71	---	NM	---	NC
PW-2	04/11/11	74.71	---	NM	---	NC
PW-2	10/10/11	74.71	---	DRY	---	NC
PW-2	04/16/12	74.71	---	NM	---	NC
PW-2	07/09/12	74.71	---	NM	---	NC
PW-2	10/15/12	74.71	---	DRY	---	NC
PW-2	04/08/13	74.71	---	DRY	---	NC
PW-2	10/07/13	74.71	---	DRY	---	NC
PW-2	04/14/14	74.71	---	DRY	---	NC
PW-2	10/27/14	74.71	---	DRY	---	NC
PW-2	04/20/15	74.71	---	DRY	---	NC
PW-2	10/19/15	74.71	---	DRY	---	NC
PW-2	04/11/16	74.71	---	DRY	---	NC
PW-2	10/03/16	74.71	---	DRY	---	NC
PW-2	10/03/16	74.71	---	DRY	---	NC
PW-2	04/17/17	74.71	---	DRY	---	NC
PW-2	10/02/17	74.71	---	DRY	---	NC
PW-2	04/16/18	74.71	---	DRY	---	NC
PW-3	05/28/96	73.64	---	26.73	---	46.91
PW-3	11/20/96	73.64	---	27.11	---	46.53
PW-3	07/01/97	73.64	---	28.84	---	44.80
PW-3	12/31/97	73.64	---	27.29	---	46.35
PW-3	05/01/98	73.64	---	25.10	---	48.54
PW-3	02/03/99	73.64	---	24.23	---	49.41
PW-3	05/04/99	73.64	---	25.05	---	48.59
PW-3	08/10/99	73.64	---	25.35	---	48.29
PW-3	11/15/99	73.64	---	NM	---	NC
PW-3	05/15/00	73.64	---	NM	---	NC
PW-3	08/28/00	73.64	---	NM	---	NC
PW-3	11/13/00	73.64	---	26.46	---	47.18
PW-3	02/05/01	73.64	---	25.60	---	48.04
PW-3	05/07/01	73.64	---	24.96	---	48.68
PW-3	09/18/01	73.64	---	24.72	---	48.92
PW-3	11/05/01	73.64	---	24.80	---	48.84
PW-3	01/29/02	73.64	---	24.91	---	48.73
PW-3	04/08/02	73.64	---	25.30	---	48.34
PW-3	10/21/02	73.64	---	25.76	---	47.88
PW-3	01/14/03	73.64	---	25.72	---	47.92
PW-3	04/07/03	73.64	---	26.17	---	47.47
PW-3	07/07/03	73.71	---	25.81	---	47.90
PW-3	10/06/03	73.64	---	25.63	---	48.01
PW-3	01/11/04	73.71	---	26.03	---	47.68
PW-3	01/20/04	73.71	---	26.36	---	47.35
PW-3	04/19/04	73.71	---	26.63	---	47.08
PW-3	04/27/04	73.71	---	26.34	---	47.37
PW-3	06/07/04	73.71	---	26.63	---	47.08
PW-3	07/08/04	73.71	---	26.81	---	46.90

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
PW-3	05/02/05	73.71	---	23.48	---	50.23
PW-3	10/31/05	73.71	---	23.61	---	50.10
PW-3	05/01/06	73.71	---	23.22	---	50.49
PW-3	12/04/06	73.71	---	23.95	---	49.76
PW-3	04/30/07	73.71	---	23.99	---	49.72
PW-3	11/12/07	73.71	---	24.33	---	49.38
PW-3	04/14/08	73.71	---	24.75	---	48.96
PW-3	10/13/08	73.71	---	26.20	---	47.51
PW-3	04/20/09	73.71	---	25.40	---	48.31
PW-3	10/19/09	73.71	---	26.03	---	47.68
PW-3	05/24/10	73.71	---	26.45	---	47.26
PW-3	05/28/10	73.71	---	26.41	---	47.30
PW-3	10/04/10	73.71	---	26.61	---	47.10
PW-3	04/11/11	73.71	---	25.60	---	48.11
PW-3	10/10/11	73.71	---	25.57	---	48.14
PW-3	04/16/12	73.71	---	26.55	---	47.16
PW-3	07/09/12	73.71	---	NM	---	NC
PW-3	10/15/12	73.71	---	NM	---	NC
PW-3	04/08/13	73.71	---	27.79	---	45.92
PW-3	10/07/13	73.71	---	28.57	---	45.14
PW-3	04/14/14	73.71	---	29.20	---	44.51
PW-3	10/27/14	73.71	---	29.73	---	43.98
PW-3	04/20/15	73.71	---	30.62	---	43.09
PW-3	10/19/15	73.71	---	31.08	---	42.63
PW-3	04/11/16	73.71	---	32.37	---	41.34
PW-3	10/03/16	73.71	---	33.23	---	40.48
PW-3	10/03/16	73.71	---	33.23	---	40.48
PW-3	04/17/17	73.71	---	31.60	---	42.11
PW-3	10/02/17	73.71	---	33.26	---	40.45
PW-3	04/16/18	73.71	---	33.75	---	39.96
PZ-1	11/20/96	73.74	---	26.91	---	46.83
PZ-1	07/01/97	73.74	---	27.61	---	46.13
PZ-1	12/31/97	73.74	---	27.03	---	46.71
PZ-1	05/01/98	73.74	---	24.13	---	49.61
PZ-1	05/04/99	73.74	---	25.74	---	48.00
PZ-1	08/09/99	73.74	---	25.77	---	47.97
PZ-1	11/15/99	73.74	---	26.46	---	47.28
PZ-1	05/15/00	73.74	---	26.09	---	47.65
PZ-1	11/13/00	73.74	---	26.51	---	47.23
PZ-1	05/07/01	73.74	---	24.78	---	48.96
PZ-1	11/05/01	73.74	---	24.81	---	48.93
PZ-1	04/08/02	73.74	---	25.50	---	48.24
PZ-2	05/28/96	73.96	---	28.26	---	45.70
PZ-2	05/28/96	73.96	---	NM	0.96	NC
PZ-2	11/20/96	73.96	---	27.49	---	46.47
PZ-2	11/20/96	73.96	---	NM	0.46	NC
PZ-2	07/01/97	73.96	27.56	28.92	1.36	46.13
PZ-2	12/31/97	73.96	28.87	29.45	0.58	44.97
PZ-2	05/01/98	73.96	23.83	25.40	1.57	49.82
PZ-2	05/04/99	73.96	25.38	27.20	1.82	48.22
PZ-2	08/09/99	73.96	25.71	27.58	1.87	47.88
PZ-2	11/15/99	73.96	---	26.83	---	47.13
PZ-2	05/15/00	73.96	---	26.17	---	47.79
PZ-2	11/13/00	73.96	26.58	26.88	0.30	47.32
PZ-2	05/07/01	73.96	24.99	25.21	0.27	48.97

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
PZ-2	11/05/01	73.96	24.87	25.09	0.22	49.05
PZ-2	04/08/02	73.96	24.96	24.96	0.00	49.00
PZ-2	10/21/02	73.96	26.31	26.44	0.13	47.62
PZ-2	04/07/03	73.96	26.12	26.22	0.10	47.82
PZ-2	10/06/03	73.96	25.51	25.53	0.02	48.45
PZ-2	04/19/04	73.96	26.81	26.89	0.08	47.13
PZ-2	11/02/04	73.96	27.19	27.24	0.05	46.76
PZ-2	05/02/05	73.96	---	22.18	---	51.78
PZ-2	10/31/05	73.96	---	24.11	---	49.85
PZ-2	05/22/06	73.96	---	23.16	---	50.80
PZ-2	12/04/06	73.96	---	23.85	---	50.11
PZ-2	04/30/07	73.96	---	23.97	---	49.99
PZ-2	11/12/07	73.96	---	24.30	---	49.66
PZ-2	04/14/08	73.96	---	24.69	---	49.27
PZ-2	10/13/08	73.96	---	25.35	---	48.61
PZ-2	05/22/09	73.96	---	25.55	---	48.41
PZ-2	10/19/09	73.96	---	NM	---	NC
PZ-2	05/24/10	73.96	---	26.30	---	47.66
PZ-2	05/28/10	73.96	---	26.30	---	47.66
PZ-2	10/04/10	73.96	---	26.36	---	47.60
PZ-2	01/10/11	73.96	---	27.57	---	46.39
PZ-2	04/11/11	73.96	---	25.32	---	48.64
PZ-2	07/11/11	73.96	---	NM	---	NC
PZ-2	10/10/11	73.96	---	25.67	---	48.29
PZ-2	01/09/12	73.96	---	27.21	---	46.75
PZ-2	04/27/12	73.96	---	27.83	---	46.13
PZ-2	07/09/12	73.96	---	28.16	---	45.80
PZ-2	10/15/12	73.96	---	27.76	---	46.20
PZ-2	01/14/13	73.96	---	DRY	---	NC
PZ-2	04/08/13	73.96	---	28.68	---	45.28
PZ-2	10/07/13	73.96	---	29.28	---	44.68
PZ-2	04/14/14	73.96	---	29.74	---	44.22
PZ-2	04/20/15	73.96	---	30.48	---	43.48
PZ-2	10/19/15	73.96	---	31.18	---	42.78
PZ-2	03/14/16	73.96	---	34.72	---	39.24
PZ-2	04/11/16	73.96	---	32.97	---	40.99
PZ-2	06/29/16	73.96	---	34.04	---	39.92
PZ-2	08/22/16	73.96	---	33.95	---	40.01
PZ-2	10/03/16	73.96	---	34.67	---	39.29
PZ-2	10/03/16	73.96	---	34.67	---	39.29
PZ-2	04/17/17	73.96	---	31.13	---	42.83
PZ-2	10/02/17	73.96	---	34.65	---	39.31
PZ-2	04/16/18	73.96	---	34.63	---	39.33
PZ-3	05/28/96	76.17	27.83	32.71	4.88	47.36
PZ-3	11/20/96	76.17	28.79	32.80	4.01	46.58
PZ-3	07/01/97	76.17	28.75	30.69	1.94	47.03
PZ-3	12/31/97	76.17	28.60	32.86	4.26	46.72
PZ-3	05/01/98	76.17	18.34	25.21	6.87	56.46
PZ-3	05/25/99	76.17	---	31.70	---	44.47
PZ-3	05/19/00	76.17	27.48	31.54	4.16	47.96
PZ-3	11/13/00	76.17	27.01	30.05	3.04	48.55
PZ-3	05/07/01	76.17	25.99	30.30	4.31	49.32
PZ-3	04/08/02	76.17	---	31.00	---	45.17
PZ-3	09/19/02	76.17	28.84	29.94	1.10	47.11
PZ-3	10/21/02	76.17	28.10	29.66	1.56	47.76

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
PZ-3	04/07/03	76.17	27.81	28.80	0.99	48.16
PZ-3	10/06/03	76.17	27.65	28.90	1.25	48.27
PZ-3	04/19/04	76.17	29.08	29.68	0.60	46.97
PZ-3	11/01/04	76.17	28.32	29.63	1.31	47.59
PZ-3	02/28/05	76.17	24.32	26.89	2.57	51.34
PZ-3	03/06/06	76.17	24.97	25.12	0.15	51.17
PZ-3	05/01/06	76.17	25.39	25.96	0.57	50.67
PZ-3	08/26/06	76.17	25.76	26.26	0.50	50.31
PZ-3	12/01/06	76.17	26.11	26.77	0.66	49.93
PZ-3	03/21/07	76.17	26.05	26.16	0.11	50.10
PZ-3	04/30/07	76.17	26.66	26.68	0.02	49.51
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	45.39
PZ-3	04/03/13	76.17	30.63	30.86	0.23	45.49
PZ-3	04/08/13	76.17	30.56	30.99	0.43	45.52
PZ-3	10/02/13	76.17	---	31.45	---	44.72
PZ-3	04/07/14	76.17	---	32.27	---	43.90
PZ-3	04/18/14	76.17	---	31.92	---	44.25
PZ-3	10/27/14	76.17	---	32.41	---	43.76
PZ-3	04/20/15	76.17	---	32.80	---	43.37
PZ-3	04/11/16	76.17	---	34.07	---	42.10
PZ-3	10/03/16	76.17	34.37	35.14	0.77	NC
PZ-3	04/20/17	76.17	33.55	33.56	0.01	42.62
PZ-3	10/03/17	76.17	---	34.42	---	41.75
PZ-3	04/16/18	76.17	---	35.14	---	41.03
PZ-4	05/28/96	76.13	---	28.79	---	47.34
PZ-4	11/20/96	76.13	---	29.80	---	46.33
PZ-4	07/01/97	76.13	---	29.66	---	46.47
PZ-4	12/31/97	76.13	---	29.63	---	46.50
PZ-4	05/01/98	76.13	---	26.82	---	49.31
PZ-4	05/25/99	76.13	---	27.57	---	48.56
PZ-4	05/15/00	76.13	---	28.28	---	47.85
PZ-4	11/13/00	76.13	---	27.89	---	48.24
PZ-4	05/07/01	76.13	---	26.97	---	49.16
PZ-4	05/07/01	76.13	---	25.08	---	51.05
PZ-4	04/08/02	76.13	---	28.16	---	47.97
PZ-4	09/19/02	76.13	---	29.20	---	46.93
PZ-4	04/07/03	76.13	---	28.08	---	48.05
PZ-4	10/06/03	76.13	---	28.03	---	48.10
PZ-4	04/19/04	76.13	---	29.50	---	46.63
PZ-4	11/01/04	76.13	---	28.80	---	47.33

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
PZ-4	02/28/05	76.13	---	25.13	---	51.00
PZ-4	05/02/05	76.13	---	24.50	---	51.63
PZ-4	03/06/06	76.13	---	25.25	---	50.88
PZ-4	05/01/06	76.13	---	25.63	---	50.50
PZ-4	08/26/06	76.13	---	26.05	---	50.08
PZ-4	12/01/06	76.13	---	26.38	---	49.75
PZ-4	03/21/07	76.13	---	26.12	---	50.01
PZ-4	04/30/07	76.13	---	26.93	---	49.20
PZ-4	08/28/07	76.13	---	26.54	---	49.59
PZ-4	11/12/07	76.13	---	27.50	---	48.63
PZ-4	02/05/08	76.13	---	27.42	---	48.71
PZ-4	04/11/08	76.13	---	24.85	---	51.28
PZ-4	10/14/08	76.13	---	28.31	---	47.82
PZ-4	02/10/09	76.13	---	27.05	---	49.08
PZ-4	04/20/09	76.13	---	28.44	---	47.69
PZ-4	07/16/09	76.13	---	29.05	---	47.08
PZ-4	04/08/10	76.13	---	28.41	---	47.72
PZ-4	10/01/10	76.13	---	28.93	---	47.20
PZ-4	01/08/11	76.13	---	28.98	---	47.15
PZ-4	04/12/12	76.13	---	29.61	---	46.52
PZ-5	05/07/01	73.97	---	23.13	---	50.84
PZ-5	10/06/03	73.97	---	24.58	---	49.39
PZ-5	05/02/05	73.97	---	19.12	---	54.85
PZ-5	10/31/05	73.97	---	21.13	---	52.84
PZ-5	02/27/06	73.97	---	22.06	---	51.91
PZ-5	05/01/06	73.97	---	22.20	---	51.77
PZ-5	09/18/06	73.97	---	22.91	---	51.06
PZ-5	12/04/06	73.97	---	23.26	---	50.71
PZ-5	03/12/07	73.97	---	23.71	---	50.26
PZ-5	04/30/07	73.97	---	23.85	---	50.12
PZ-5	08/28/07	73.97	---	23.85	---	50.12
PZ-5	11/12/07	73.97	---	24.26	---	49.71
PZ-5	02/19/08	73.97	---	24.68	---	49.29
PZ-5	04/14/08	73.97	---	24.10	---	49.87
PZ-5	08/11/08	73.97	---	24.53	---	49.44
PZ-5	10/13/08	73.97	---	25.12	---	48.85
PZ-5	04/20/09	73.97	---	24.81	---	49.16
PZ-5	07/20/09	73.97	---	25.20	---	48.77
PZ-5	10/19/09	73.97	---	26.41	---	47.56
PZ-5	03/15/10	73.97	---	25.99	---	47.98
PZ-5	04/16/10	73.97	---	25.12	---	48.85
PZ-5	05/24/10	73.97	---	25.71	---	48.26
PZ-5	05/28/10	73.97	---	25.68	---	48.29
PZ-5	06/22/10	73.97	---	25.54	---	48.43
PZ-5	07/12/10	73.97	---	26.09	---	47.88
PZ-5	08/12/10	73.97	---	26.16	---	47.81
PZ-5	09/20/10	73.97	---	26.52	---	47.45
PZ-5	10/04/10	73.97	---	25.98	---	47.99
PZ-5	11/16/10	73.97	---	26.46	---	47.51
PZ-5	12/22/10	73.97	---	25.12	---	48.85
PZ-5	01/10/11	73.97	---	26.54	---	47.43
PZ-5	02/24/11	73.97	---	25.55	---	48.42
PZ-5	03/23/11	73.97	---	25.28	---	48.69
PZ-5	04/11/11	73.97	---	24.70	---	49.27
PZ-5	05/13/11	73.97	---	25.21	---	48.76

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
PZ-5	06/22/11	73.97	---	25.37	---	48.60
PZ-5	07/11/11	73.97	---	25.47	---	48.50
PZ-5	08/19/11	73.97	---	25.35	---	48.62
PZ-5	09/22/11	73.97	---	25.96	---	48.01
PZ-5	10/10/11	73.97	---	25.55	---	48.42
PZ-5	11/28/11	73.97	---	26.16	---	47.81
PZ-5	12/21/11	73.97	---	26.48	---	47.49
PZ-5	01/09/12	73.97	---	26.47	---	47.50
PZ-5	02/23/12	73.97	---	27.27	---	46.70
PZ-5	03/28/12	73.97	---	27.10	---	46.87
PZ-5	04/16/12	73.97	---	26.59	---	47.38
PZ-5	05/25/12	73.97	---	26.94	---	47.03
PZ-5	06/15/12	73.97	---	27.44	---	46.53
PZ-5	07/09/12	73.97	---	27.26	---	46.71
PZ-5	08/29/12	73.97	---	27.72	---	46.25
PZ-5	09/26/12	73.97	---	28.03	---	45.94
PZ-5	10/15/12	73.97	---	28.25	---	45.72
PZ-5	11/29/12	73.97	---	28.34	---	45.63
PZ-5	12/26/12	73.97	---	28.30	---	45.67
PZ-5	01/14/13	73.97	---	28.42	---	45.55
PZ-5	02/20/13	73.97	---	28.40	---	45.57
PZ-5	04/08/13	73.97	---	28.41	---	45.56
PZ-5	10/07/13	73.97	---	29.31	---	44.66
PZ-5	04/14/14	73.97	---	28.91	---	45.06
PZ-5	10/27/14	73.97	---	29.41	---	44.56
PZ-5	04/20/15	73.97	---	29.66	---	44.31
PZ-5	10/19/15	73.97	---	30.50	---	43.47
PZ-5	04/11/16	73.97	---	31.36	---	42.61
PZ-5	10/03/16	73.97	---	31.00	---	42.97
PZ-5	10/03/16	73.97	---	31.00	---	42.97
PZ-5	04/17/17	73.97	---	30.07	---	43.90
PZ-5	10/02/17	73.97	---	31.45	---	42.52
PZ-5	04/16/18	73.97	---	32.46	---	41.51
PZ-6	07/07/03	73.91	---	25.65	---	48.26
PZ-6	01/20/04	73.91	---	25.94	---	47.97
PZ-6	04/27/04	73.91	---	26.49	---	47.42
PZ-6	06/07/04	73.91	---	26.56	---	47.35
PZ-6	07/08/04	73.91	---	26.57	---	47.34
PZ-6	10/04/10	73.91	---	NM	---	NC
PZ-6	04/11/11	73.91	---	NM	---	NC
PZ-6	10/10/11	73.91	---	NM	---	NC
PZ-6	04/16/12	73.91	---	NM	---	NC
PZ-6	07/09/12	73.91	---	NM	---	NC
PZ-6	10/15/12	73.91	---	NM	---	NC
PZ-6	04/08/13	73.91	---	NM	---	NC
PZ-7A	08/01/05	73.87	---	20.22	---	53.65
PZ-7A	05/24/10	73.87	---	25.30	---	48.57
PZ-7A	05/28/10	73.87	---	25.29	---	48.58
PZ-7A	10/04/10	73.87	---	25.70	---	48.17
PZ-7A	04/11/11	73.87	---	24.48	---	49.39
PZ-7A	10/10/11	73.87	---	25.15	---	48.72
PZ-7A	10/15/12	---	---	27.24	---	NC
PZ-7A	04/20/15	73.87	---	29.52	---	44.35
PZ-7B	08/01/05	73.79	---	20.80	---	52.99
PZ-7B	05/24/10	73.79	---	25.32	---	48.47

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
PZ-7B	05/28/10	73.79	---	25.30	---	48.49
PZ-7B	10/04/10	73.79	---	25.88	---	47.91
PZ-7B	04/11/11	73.79	---	24.57	---	49.22
PZ-7B	10/10/11	73.79	---	25.30	---	48.49
PZ-7B	10/15/12	---	---	27.22	---	NC
PZ-7B	04/20/15	73.79	---	29.60	---	44.19
PZ-8A	08/01/05	75.81	---	22.39	---	53.42
PZ-8A	12/04/06	75.81	---	25.14	---	50.67
PZ-8A	05/24/10	75.81	---	27.60	---	48.21
PZ-8A	05/28/10	75.81	---	27.38	---	48.43
PZ-8A	10/04/10	75.81	---	27.79	---	48.02
PZ-8A	04/11/11	75.81	---	26.50	---	49.31
PZ-8A	10/10/11	75.81	---	27.28	---	48.53
PZ-8A	10/15/12	---	---	30.01	---	NC
PZ-8A	04/20/15	75.81	---	31.29	---	44.52
PZ-8B	08/01/05	75.69	---	23.61	---	52.08
PZ-8B	12/04/06	75.69	---	25.16	---	50.53
PZ-8B	05/24/10	75.69	---	27.37	---	48.32
PZ-8B	05/28/10	75.69	---	27.66	---	48.03
PZ-8B	10/04/10	75.69	---	27.90	---	47.79
PZ-8B	04/11/11	75.69	---	26.52	---	49.17
PZ-8B	10/10/11	75.69	---	27.32	---	48.37
PZ-8B	10/15/12	---	---	30.71	---	NC
PZ-8B	04/20/15	75.69	---	31.69	---	44.00
PZ-9A	08/01/05	76.14	---	22.93	---	53.21
PZ-9A	10/04/10	76.14	---	28.20	---	47.94
PZ-9A	04/11/11	76.14	---	26.94	---	49.20
PZ-9A	10/10/11	76.14	---	27.75	---	48.39
PZ-9A	04/16/12	76.14	---	28.95	---	47.19
PZ-9A	07/09/12	76.14	---	NM	---	NC
PZ-9A	10/15/12	76.14	---	30.18	---	45.96
PZ-9A	04/08/13	76.14	---	30.67	---	45.47
PZ-9A	04/20/15	76.14	---	32.21	---	43.93
PZ-9B	08/01/05	76.26	---	23.71	---	52.55
PZ-9B	10/04/10	76.26	---	28.51	---	47.75
PZ-9B	04/11/11	76.26	---	27.20	---	49.06
PZ-9B	10/10/11	76.26	---	28.00	---	48.26
PZ-9B	04/16/12	76.26	---	29.10	---	47.16
PZ-9B	07/09/12	76.26	---	NM	---	NC
PZ-9B	10/15/12	76.26	---	30.54	---	45.72
PZ-9B	04/08/13	76.26	---	30.89	---	45.37
PZ-9B	04/20/15	76.26	---	32.24	---	44.02
PZ-10	07/30/03	74.19	---	25.74	---	48.45
PZ-10	10/06/03	74.19	---	25.79	---	48.40
PZ-10	01/27/04	74.19	---	26.13	---	48.06
PZ-10	04/19/04	74.34	---	26.76	---	47.58
PZ-10	07/19/04	74.34	---	26.40	---	47.94
PZ-10	11/01/04	74.34	---	27.11	---	47.23
PZ-10	02/01/05	74.34	---	23.33	---	51.01
PZ-10	05/02/05	74.34	---	21.80	---	52.54
PZ-10	08/01/05	74.34	---	22.21	---	52.13
PZ-10	10/31/05	74.34	---	27.13	---	47.21
PZ-10	02/27/06	74.34	---	23.18	---	51.16
PZ-10	05/01/06	74.34	---	23.18	---	51.16
PZ-10	09/18/06	74.34	---	24.37	---	49.97

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
PZ-10	12/04/06	74.34	---	24.10	---	50.24
PZ-10	03/12/07	74.34	---	24.44	---	49.90
PZ-10	04/30/07	73.92	---	23.38	---	50.54
PZ-10	08/28/07	74.34	---	22.67	---	51.67
PZ-10	11/12/07	74.34	---	23.61	---	50.73
PZ-10	02/19/08	74.34	---	25.16	---	49.18
PZ-10	04/14/08	74.34	---	24.75	---	49.59
PZ-10	10/13/08	74.34	---	25.61	---	48.73
PZ-10	04/20/09	74.34	---	25.71	---	48.63
PZ-10	07/20/09	74.34	---	26.60	---	47.74
PZ-10	10/19/09	74.34	---	26.96	---	47.38
PZ-10	05/24/10	74.34	---	26.51	---	47.83
PZ-10	05/28/10	74.34	---	26.46	---	47.88
PZ-10	10/04/10	74.34	---	26.66	---	47.68
PZ-10	04/11/11	74.34	---	25.57	---	48.77
PZ-10	10/10/11	74.34	---	NM	---	NC
PZ-10	04/16/12	74.34	---	28.00	---	46.34
PZ-10	07/09/12	74.34	---	NM	---	NC
PZ-10	10/15/12	74.34	---	29.81	---	44.53
PZ-10	04/08/13	74.34	---	28.94	---	45.40
PZ-10	04/20/15	74.34	---	30.72	---	43.62
PZ-10	10/19/15	74.34	---	31.42	---	42.92
PZ-10	03/14/16	74.34	---	DRY	---	NC
PZ-10	04/11/16	74.34	---	33.37	---	40.97
PZ-10	06/29/16	74.34	---	DRY	---	NC
PZ-10	08/22/16	74.34	---	DRY	---	NC
PZ-10	10/03/16	74.34	---	DRY	---	NC
PZ-10	10/03/16	74.34	---	DRY	---	NC
PZ-10	04/17/17	74.34	---	DRY	---	NC
PZ-10	10/02/17	74.34	---	DRY	---	NC
PZ-10	04/16/18	74.34	---	DRY	---	NC
RTF-18-E	04/19/17	75.19	31.35	31.53	0.18	43.80
RTF-18-E	09/27/17	75.19	31.84	33.52	1.68	NC
RTF-18-E	04/16/18	75.19	33.66	33.89	0.23	NC
RTF-18-N	04/19/17	75.17	---	31.44	---	43.73
RTF-18-N	09/27/17	75.17	31.49	33.02	1.53	NC
RTF-18-N	04/16/18	75.17	32.45	34.50	2.05	NC
RTF-18-NNW	04/19/17	76.77	---	31.72	---	45.05
RTF-18-NNW	09/27/17	76.77	32.48	32.53	0.05	NC
RTF-18-NNW	04/16/18	76.77	33.58	35.31	1.73	NC
RTF-18-NW	04/19/17	76.22	31.04	31.08	0.04	45.18
RTF-18-NW	09/27/17	76.22	31.62	32.89	1.27	NC
RTF-18-NW	04/16/18	76.22	34.68	37.29	2.61	NC
RTF-18-W	04/19/17	74.86	30.98	31.15	0.17	43.85
RTF-18-W	09/27/17	74.86	31.98	33.49	1.51	NC
RTF-18-W	04/16/18	74.86	33.35	35.30	1.95	NC
TF-8	11/20/96	75.60	---	29.39	---	46.21
TF-8	07/01/97	75.60	---	29.70	---	45.90
TF-8	12/31/97	75.60	---	29.33	---	46.27
TF-8	05/01/98	75.60	---	26.64	---	48.96
TF-8	05/25/99	75.60	---	27.60	---	48.00
TF-8	05/15/00	75.60	---	27.32	---	48.28
TF-8	05/07/01	75.60	---	28.91	---	46.69
TF-8	04/08/02	74.86	---	26.79	---	48.07
TF-8	09/19/02	75.60	---	28.77	---	46.83

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-8	10/21/02	75.60	---	26.32	---	49.28
TF-8	04/22/03	74.86	---	27.50	---	47.36
TF-8	10/06/03	74.86	---	27.32	---	47.54
TF-8	04/19/04	74.86	---	28.62	---	46.24
TF-8	11/01/04	74.86	---	28.54	---	46.32
TF-8	02/28/05	74.86	---	24.95	---	49.91
TF-8	05/02/05	74.86	---	24.26	---	50.60
TF-8	03/06/06	74.86	---	24.21	---	50.65
TF-8	05/01/06	74.86	---	24.51	---	50.35
TF-8	08/26/06	74.86	---	25.84	---	49.02
TF-8	12/01/06	74.86	---	26.17	---	48.69
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-8	10/02/13	74.86	---	30.14	---	44.72
TF-8	04/09/14	74.86	---	30.91	---	43.95
TF-8	04/17/14	74.86	---	30.79	---	44.07
TF-8	10/27/14	74.86	---	31.22	---	43.64
TF-8	04/20/15	74.86	---	31.51	---	43.35
TF-8	04/11/16	74.86	---	32.88	---	41.98
TF-8	10/03/16	74.86	---	33.41	---	41.45
TF-8	04/17/17	74.86	---	32.41	---	42.45
TF-8	10/03/17	74.86	---	33.53	---	41.33
TF-8	04/16/18	74.86	---	33.70	---	41.16
TF-9	11/20/96	75.27	---	31.31	---	43.96
TF-9	07/01/97	75.27	---	30.55	---	44.72
TF-9	12/31/97	75.27	---	29.12	---	46.15
TF-9	05/01/98	75.27	26.32	26.35	0.03	48.94
TF-9	05/25/99	75.27	27.00	27.04	0.04	48.26
TF-9	05/15/00	75.27	---	26.85	---	48.42
TF-9	05/07/01	75.27	---	29.62	---	45.65
TF-9	04/08/02	74.47	---	27.83	---	46.64
TF-9	09/19/02	75.27	---	28.60	---	46.67
TF-9	10/21/02	75.27	---	27.72	---	47.55
TF-9	04/22/03	75.27	---	27.13	---	48.14
TF-9	10/06/03	74.47	---	26.73	---	47.74
TF-9	04/19/04	74.47	---	28.18	---	46.29
TF-9	11/01/04	75.27	---	28.61	---	46.66
TF-9	02/28/05	75.27	---	25.54	---	49.73

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-9	05/02/05	75.27	24.06	24.09	0.03	51.20
TF-9	03/06/06	75.27	---	23.97	---	51.30
TF-9	05/01/06	74.47	---	24.22	---	50.25
TF-9	08/26/06	75.27	25.38	25.40	0.02	49.89
TF-9	12/01/06	75.27	---	25.74	---	49.53
TF-9	03/21/07	75.27	---	25.18	---	50.09
TF-9	04/30/07	74.47	---	25.00	---	49.47
TF-9	08/28/07	75.27	---	26.02	---	49.25
TF-9	11/12/07	74.47	---	25.90	---	48.57
TF-9	02/05/08	75.27	---	26.88	---	48.39
TF-9	04/11/08	74.47	---	25.50	---	48.97
TF-9	07/24/08	74.47	---	27.16	---	47.31
TF-9	10/14/08	74.47	---	NM	---	NC
TF-9	02/10/09	75.27	---	27.82	---	47.45
TF-9	07/16/09	75.27	---	28.28	---	46.99
TF-9	04/07/10	75.27	---	27.79	---	47.48
TF-9	10/01/10	74.47	---	27.05	---	47.42
TF-9	01/07/11	74.47	---	27.38	---	47.09
TF-9	04/08/11	74.47	---	25.92	---	48.55
TF-9	07/08/11	74.47	---	26.03	---	48.44
TF-9	10/07/11	74.47	---	NM	---	NC
TF-9	04/12/12	74.47	---	27.62	---	46.85
TF-9	01/11/13	74.47	---	29.14	---	45.33
TF-9	04/03/13	74.47	---	28.93	---	45.54
TF-9	10/02/13	74.47	---	29.83	---	44.64
TF-9	04/09/14	74.47	---	30.43	---	44.04
TF-9	04/17/14	74.47	---	30.32	---	44.15
TF-9	10/27/14	74.47	---	30.67	---	43.80
TF-9R	10/03/17	78.00	---	37.05	---	40.95
TF-9R	04/16/18	78.00	---	37.34	---	40.66
TF-10	11/20/96	74.19	---	28.03	---	46.16
TF-10	07/01/97	74.19	---	30.60	---	43.59
TF-10	12/31/97	74.19	---	27.97	---	46.22
TF-10	05/01/98	74.19	---	25.40	---	48.79
TF-10	05/25/99	74.19	---	26.79	---	47.40
TF-10	05/15/00	74.19	---	26.05	---	48.14
TF-10	05/07/01	74.19	---	NM	---	NC
TF-10	04/08/02	73.61	---	26.16	---	47.45
TF-10	09/19/02	74.19	---	27.28	---	46.91
TF-10	10/21/02	73.61	---	26.50	---	47.11
TF-10	04/22/03	73.61	---	25.95	---	47.66
TF-10	10/06/03	73.61	---	25.60	---	48.01
TF-10	04/19/04	73.61	---	26.82	---	46.79
TF-10	11/01/04	73.61	---	27.32	---	46.29
TF-10	02/28/05	73.61	---	23.82	---	49.79
TF-10	05/02/05	73.61	---	22.32	---	51.29
TF-10	03/06/06	73.61	---	22.89	---	50.72
TF-10	05/01/06	73.61	---	23.00	---	50.61
TF-10	08/26/06	73.61	---	24.20	---	49.41
TF-10	12/01/06	73.61	---	24.52	---	49.09
TF-10	03/21/07	73.61	---	24.00	---	49.61
TF-10	04/30/07	73.61	---	24.15	---	49.46
TF-10	08/28/07	74.19	---	24.21	---	49.98
TF-10	11/12/07	73.61	---	25.66	---	47.95
TF-10	02/05/08	74.19	---	25.11	---	49.08

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-10	04/11/08	73.61	---	25.24	---	48.37
TF-10	07/24/08	73.61	---	24.91	---	48.70
TF-10	10/14/08	73.61	---	25.48	---	48.13
TF-10	02/10/09	74.19	---	25.94	---	48.25
TF-10	07/16/09	73.61	---	27.02	---	46.59
TF-10	04/08/10	73.61	---	25.75	---	47.86
TF-10	10/01/10	73.61	---	26.93	---	46.68
TF-10	01/07/11	73.61	---	26.64	---	46.97
TF-10	04/08/11	73.61	---	24.92	---	48.69
TF-10	07/08/11	73.61	---	25.15	---	48.46
TF-10	10/06/11	73.61	---	25.54	---	48.07
TF-10	04/12/12	73.61	---	26.72	---	46.89
TF-10	01/11/13	73.61	---	28.42	---	45.19
TF-10	04/03/13	73.61	---	28.19	---	45.42
TF-11	11/20/96	74.95	---	32.55	---	42.40
TF-11	07/01/97	74.95	32.60	32.75	0.15	42.32
TF-11	12/31/97	74.95	---	28.52	---	46.43
TF-11	05/01/98	74.95	---	25.99	---	48.96
TF-11	05/25/99	74.95	26.60	26.62	0.02	48.35
TF-11	05/15/00	74.95	---	26.63	---	48.32
TF-11	05/07/01	74.95	---	28.50	---	46.45
TF-11	04/08/02	74.40	---	25.64	---	48.76
TF-11	09/19/02	74.95	28.15	28.33	0.18	46.76
TF-11	10/21/02	74.95	---	27.02	---	47.93
TF-11	04/22/03	74.40	---	31.15	---	43.25
TF-11	10/06/03	74.40	---	27.12	---	47.28
TF-11	04/19/04	74.95	---	28.56	---	46.39
TF-11	11/01/04	74.95	---	27.86	---	47.09
TF-11	02/28/05	74.95	---	23.82	---	51.13
TF-11	05/02/05	74.95	---	22.90	---	52.05
TF-11	03/06/06	74.95	---	24.31	---	50.64
TF-11	05/01/06	74.95	---	24.35	---	50.60
TF-11	08/26/06	74.95	---	24.79	---	50.16
TF-11	12/01/06	74.95	---	25.17	---	49.78
TF-11	03/21/07	74.95	---	25.26	---	49.69
TF-11	04/30/07	74.40	---	25.62	---	48.78
TF-11	08/28/07	74.95	---	26.06	---	48.89
TF-11	11/12/07	74.95	---	26.26	---	48.69
TF-11	02/05/08	74.95	---	27.15	---	47.80
TF-11	04/11/08	74.40	---	25.87	---	48.53
TF-11	07/24/08	74.40	---	26.05	---	48.35
TF-11	10/14/08	74.40	---	26.85	---	47.55
TF-11	02/10/09	74.95	---	26.90	---	48.05
TF-11	07/16/09	74.95	---	27.70	---	47.25
TF-11	04/08/10	74.95	---	27.11	---	47.84
TF-11	10/01/10	74.40	---	27.62	---	46.78
TF-11	01/08/11	74.40	---	27.17	---	47.23
TF-11	04/08/11	74.40	---	24.98	---	49.42
TF-11	07/08/11	74.40	---	25.40	---	49.00
TF-11	10/06/11	74.40	---	26.07	---	48.33
TF-11	04/12/12	74.40	---	27.51	---	46.89
TF-11	01/11/13	74.40	---	29.45	---	44.95
TF-11	04/03/13	74.40	---	29.35	---	45.05
TF-13	11/20/96	75.90	---	30.90	---	45.00
TF-13	07/01/97	75.90	30.90	30.95	0.05	44.99

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-13	12/31/97	75.90	28.05	30.97	2.92	47.27
TF-13	05/01/98	75.90	30.65	31.10	0.45	45.16
TF-13	05/25/99	75.90	27.12	27.40	0.28	48.72
TF-13	05/15/00	75.90	31.25	31.65	0.40	44.57
TF-13	05/07/01	75.90	---	31.20	---	44.70
TF-13	04/08/02	75.47	---	28.10	---	47.37
TF-13	09/19/02	75.90	---	28.76	---	47.14
TF-13	10/21/02	75.90	---	31.10	---	44.80
TF-13	04/22/03	75.47	---	31.05	---	44.42
TF-13	10/06/03	75.47	---	27.65	---	47.82
TF-13	04/19/04	75.90	---	29.03	---	46.87
TF-13	11/01/04	75.90	---	28.05	---	47.85
TF-13	02/28/05	75.90	---	24.22	---	51.68
TF-13	05/02/05	75.90	---	22.24	---	53.66
TF-13	03/06/06	75.90	---	25.37	---	50.53
TF-13	05/01/06	75.90	---	25.22	---	50.68
TF-13	08/26/06	75.90	---	25.63	---	50.27
TF-13	12/01/06	75.90	---	25.96	---	49.94
TF-13	03/21/07	75.90	---	26.52	---	49.38
TF-13	04/30/07	75.90	---	26.52	---	49.38
TF-13	08/28/07	75.90	---	26.69	---	49.21
TF-13	11/12/07	75.47	---	27.11	---	48.36
TF-13	02/05/08	75.90	---	27.32	---	48.58
TF-13	04/14/08	75.90	---	26.73	---	49.17
TF-13	07/24/08	75.47	---	27.02	---	48.45
TF-13	10/14/08	75.90	---	27.81	---	48.09
TF-13	02/10/09	75.90	---	26.14	---	49.76
TF-13	07/17/09	75.90	---	27.81	---	48.09
TF-13	04/08/10	75.90	---	28.14	---	47.76
TF-13	10/01/10	75.47	---	28.63	---	46.84
TF-13	01/08/11	75.47	---	28.21	---	47.26
TF-13	04/07/11	75.47	---	26.85	---	48.62
TF-13	07/08/11	75.47	---	27.13	---	48.34
TF-13	10/07/11	75.47	---	27.63	---	47.84
TF-13	04/12/12	75.47	---	NM	---	NC
TF-13	01/10/13	75.47	---	30.15	---	45.32
TF-13	04/03/13	75.47	---	30.00	---	45.47
TF-14	11/20/96	74.78	30.45	31.11	0.66	44.20
TF-14	07/01/97	74.78	30.60	31.10	0.50	44.08
TF-14	12/31/97	74.78	27.03	31.85	4.82	46.79
TF-14	05/01/98	74.78	29.95	30.75	0.80	44.67
TF-14	05/25/99	74.78	25.60	28.86	3.26	48.53
TF-14	05/15/00	74.78	26.65	27.95	1.30	47.87
TF-14	05/07/01	74.78	---	26.30	---	48.48
TF-14	04/08/02	74.35	28.40	28.48	0.08	45.93
TF-14	09/19/02	74.78	---	27.68	---	47.10
TF-14	10/21/02	74.78	---	28.42	---	46.36
TF-14	04/22/03	74.35	---	26.61	---	47.74
TF-14	10/06/03	74.35	---	26.52	---	47.83
TF-14	04/19/04	74.35	---	27.94	---	46.41
TF-14	11/01/04	74.35	---	27.24	---	47.11
TF-14	02/28/05	74.35	---	23.62	---	50.73
TF-14	05/02/05	74.35	---	22.51	---	51.84
TF-14	03/06/06	74.78	---	24.06	---	50.72
TF-14	05/01/06	74.78	---	24.13	---	50.65

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-14	08/26/06	74.78	---	24.54	---	50.24
TF-14	12/01/06	74.78	---	24.82	---	49.96
TF-14	03/21/07	74.78	---	25.24	---	49.54
TF-14	04/30/07	74.78	---	25.37	---	49.41
TF-14	08/28/07	74.78	---	25.89	---	48.89
TF-14	11/12/07	74.35	---	25.91	---	48.44
TF-14	02/05/08	74.78	---	26.95	---	47.83
TF-14	04/14/08	74.78	---	26.55	---	48.23
TF-14	07/24/08	74.35	---	26.05	---	48.30
TF-14	10/14/08	74.78	---	26.63	---	48.15
TF-14	02/10/09	74.78	---	26.91	---	47.87
TF-14	07/17/09	74.78	---	26.91	---	47.87
TF-14	04/08/10	74.78	---	26.92	---	47.86
TF-14	10/01/10	74.35	---	27.42	---	46.93
TF-14	04/08/11	74.35	---	25.65	---	48.70
TF-14	07/08/11	74.35	---	25.93	---	48.42
TF-14	10/06/11	74.35	---	26.41	---	47.94
TF-14	04/12/12	74.35	---	27.49	---	46.86
TF-14	01/10/13	74.35	---	29.25	---	45.10
TF-14	04/03/13	74.35	---	28.76	---	45.59
TF-15	11/20/96	75.40	31.09	31.42	0.33	44.24
TF-15	07/01/97	75.40	31.40	31.65	0.25	43.95
TF-15	12/31/97	75.40	27.79	31.56	3.77	46.86
TF-15	05/01/98	75.40	28.35	30.05	1.70	46.71
TF-15	05/25/99	75.40	26.41	26.94	0.53	48.88
TF-15	05/15/00	75.40	28.90	29.54	0.64	46.37
TF-15	05/07/01	75.40	28.90	29.30	0.40	46.42
TF-15	04/08/02	74.78	---	27.56	---	47.22
TF-15	09/19/02	75.40	---	28.21	---	47.19
TF-15	10/21/02	75.40	29.00	29.24	0.24	46.35
TF-15	04/22/03	74.78	---	27.45	---	47.33
TF-15	10/06/03	74.78	---	27.03	---	47.75
TF-15	04/19/04	74.78	---	28.17	---	46.61
TF-15	11/01/04	74.78	27.77	27.79	0.02	47.01
TF-15	02/28/05	74.78	---	23.05	---	51.73
TF-15	05/02/05	74.78	---	21.67	---	53.11
TF-15	03/06/06	75.40	---	23.91	---	51.49
TF-15	05/01/06	75.40	---	23.90	---	51.50
TF-15	08/26/06	75.40	---	24.49	---	50.91
TF-15	12/01/06	75.40	---	25.31	---	50.09
TF-15	03/21/07	75.40	---	25.18	---	50.22
TF-15	04/30/07	75.40	---	25.88	---	49.52
TF-15	08/28/07	75.40	---	25.62	---	49.78
TF-15	11/12/07	74.78	---	26.39	---	48.39
TF-15	02/05/08	75.40	---	26.42	---	48.98
TF-15	04/14/08	75.40	---	25.72	---	49.68
TF-15	07/24/08	74.78	---	26.72	---	48.06
TF-15	10/14/08	75.40	---	27.29	---	48.11
TF-15	02/10/09	75.40	---	27.78	---	47.62
TF-15	07/17/09	75.40	---	26.82	---	48.58
TF-15	04/08/10	75.40	---	27.43	---	47.97
TF-15	10/01/10	74.78	---	28.03	---	46.75
TF-15	01/08/11	74.78	---	27.55	---	47.23
TF-15	04/08/11	74.78	---	25.96	---	48.82
TF-15	07/08/11	74.78	---	26.33	---	48.45

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-15	10/06/11	74.78	---	26.81	---	47.97
TF-15	04/12/12	74.78	---	27.94	---	46.84
TF-15	01/11/13	74.78	29.50	29.63	0.13	45.25
TF-15	04/03/13	74.78	---	29.22	---	45.56
TF-15	10/02/13	74.78	29.97	30.04	0.07	44.80
TF-15	04/09/14	74.78	30.22	32.25	2.03	44.15
TF-15	04/16/14	74.78	30.18	32.06	1.88	44.22
TF-15	10/27/14	74.78	30.31	30.86	0.55	44.36
TF-15	04/20/15	74.78	30.68	33.50	2.82	43.54
TF-15	04/11/16	74.78	---	NM	---	NC
TF-15	10/03/16	74.78	---	NM	---	NC
TF-15	04/20/17	74.78	---	31.88	---	42.90
TF-15	04/16/18	74.78	34.18	36.68	2.50	NC
TF-16	11/20/96	76.48	32.52	32.75	0.23	43.91
TF-16	07/01/97	76.48	32.50	33.10	0.60	43.86
TF-16	12/31/97	76.48	28.69	32.79	4.10	46.97
TF-16	05/01/98	76.48	32.07	32.61	0.54	44.30
TF-16	05/25/99	76.48	27.82	27.90	0.08	48.64
TF-16	05/15/00	76.48	32.03	32.48	0.45	44.36
TF-16	05/07/01	76.48	31.96	32.20	0.24	44.47
TF-16	04/08/02	75.89	31.40	31.49	0.09	44.47
TF-16	09/19/02	76.48	---	29.36	---	47.12
TF-16	10/21/02	76.48	---	32.21	---	44.27
TF-16	04/22/03	75.89	---	28.22	---	47.67
TF-16	10/06/03	75.89	---	28.10	---	47.79
TF-16	04/19/04	76.48	---	29.16	---	47.32
TF-16	11/01/04	76.48	---	28.95	---	47.53
TF-16	02/28/05	76.48	---	25.20	---	51.28
TF-16	05/02/05	76.48	---	23.70	---	52.78
TF-16	03/06/06	76.48	---	25.54	---	50.94
TF-16	05/01/06	76.48	---	25.66	---	50.82
TF-16	08/26/06	76.48	---	26.06	---	50.42
TF-16	12/01/06	76.48	---	26.45	---	50.03
TF-16	03/21/07	76.48	---	26.52	---	49.96
TF-16	04/30/07	76.48	---	27.04	---	49.44
TF-16	08/28/07	76.48	---	27.11	---	49.37
TF-16	11/12/07	75.89	---	27.60	---	48.29
TF-16	02/05/08	76.48	---	27.94	---	48.54
TF-16	04/14/08	76.48	---	27.17	---	49.31
TF-16	07/24/08	75.89	---	27.50	---	48.39
TF-16	10/14/08	76.48	---	28.37	---	48.11
TF-16	02/10/09	76.48	---	27.73	---	48.75
TF-16	04/20/09	75.89	---	27.63	---	48.26
TF-16	07/17/09	76.48	---	28.35	---	48.13
TF-16	10/19/09	75.89	---	29.66	---	46.23
TF-16	04/08/10	76.48	---	27.06	---	49.42
TF-16	04/12/10	75.89	---	27.36	---	48.53
TF-16	10/01/10	75.89	---	28.59	---	47.30
TF-16	01/08/11	75.89	---	28.72	---	47.17
TF-16	04/07/11	75.89	---	27.18	---	48.71
TF-16	07/08/11	75.89	---	27.51	---	48.38
TF-16	10/07/11	75.89	---	28.10	---	47.79
TF-16	04/12/12	75.89	---	29.05	---	46.84
TF-16	04/19/12	75.89	---	29.08	---	46.81
TF-16	01/11/13	75.89	---	30.63	---	45.26

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-16	04/03/13	75.89	---	30.47	---	45.42
TF-16	04/08/13	75.89	---	30.25	---	45.64
TF-16	10/02/13	75.89	---	31.16	---	44.73
TF-16	04/09/14	75.89	---	31.68	---	44.21
TF-16	04/16/14	75.89	---	32.42	---	43.47
TF-16	10/27/14	75.89	31.58	32.92	1.34	44.04
TF-16	04/20/15	75.89	31.87	34.70	2.83	43.45
TF-16	04/11/16	75.89	33.41	36.15	2.74	41.93
TF-16	10/03/16	75.89	33.73	37.12	3.39	NC
TF-16	04/19/17	75.89	33.26	33.53	0.27	42.58
TF-16	09/27/17	75.89	33.84	35.17	1.33	NC
TF-16	04/16/18	75.89	34.82	35.14	0.32	NC
TF-17	11/20/96	75.26	30.00	30.53	0.53	45.15
TF-17	07/01/97	75.26	30.10	30.20	0.10	45.14
TF-17	12/31/97	75.26	---	27.50	---	47.76
TF-17	05/01/98	75.26	24.86	25.18	0.32	50.34
TF-17	05/25/99	75.26	25.40	28.24	2.84	49.29
TF-17	05/15/00	75.26	28.84	29.32	0.48	46.32
TF-17	05/07/01	75.26	---	26.20	---	49.06
TF-17	04/08/02	74.88	27.01	27.04	0.03	47.86
TF-17	09/19/02	75.26	---	28.68	---	46.58
TF-17	10/21/02	75.26	---	27.40	---	47.86
TF-17	04/22/03	74.88	27.85	27.99	0.14	47.00
TF-17	10/06/03	74.88	---	26.63	---	48.25
TF-17	04/19/04	75.26	27.32	28.83	1.51	47.64
TF-17	11/01/04	75.26	27.80	28.30	0.50	47.36
TF-17	02/28/05	75.26	22.62	23.33	0.71	52.50
TF-17	05/02/05	75.26	21.57	22.25	0.68	53.55
TF-17	03/06/06	75.26	23.42	23.98	0.56	51.73
TF-17	05/01/06	75.26	23.39	26.35	2.96	51.28
TF-17	08/26/06	75.26	24.08	26.52	2.44	50.69
TF-17	12/01/06	74.88	24.77	26.62	1.85	49.74
TF-17	03/21/07	75.26	24.67	25.02	0.35	50.52
TF-17	04/30/07	75.26	25.00	26.16	1.16	50.03
TF-17	11/09/07	74.88	25.35	26.01	0.66	49.40
TF-17	02/05/08	75.26	25.98	28.18	2.20	48.84
TF-17	07/24/08	75.26	26.15	27.29	1.14	48.88
TF-17	10/13/08	75.26	26.67	27.95	1.28	48.33
TF-17	02/10/09	75.26	26.05	27.66	1.61	48.89
TF-17	07/17/09	74.88	26.90	27.64	0.74	47.83
TF-17	04/08/10	74.88	26.76	26.78	0.02	48.12
TF-17	10/01/10	74.88	27.72	28.14	0.42	47.08
TF-17	04/08/11	74.88	---	25.74	---	49.14
TF-17	07/08/11	74.88	---	26.40	---	48.48
TF-17	10/06/11	74.88	---	27.07	---	47.81
TF-17	04/12/12	74.88	---	27.96	---	46.92
TF-17	01/11/13	74.88	---	29.55	---	45.33
TF-17	04/03/13	74.88	---	29.71	---	45.17
TF-17	10/02/13	74.88	---	30.42	---	44.46
TF-17	04/09/14	74.88	---	30.97	---	43.91
TF-17	04/16/14	74.88	---	30.59	---	44.29
TF-17	10/27/14	74.88	---	31.16	---	43.72
TF-17R/EP-72	04/16/18	77.63	36.22	37.29	1.07	NC
TF-18	05/25/99	73.94	24.22	25.83	1.61	49.40
TF-18	05/15/00	73.94	25.13	26.22	1.09	48.59

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-18	05/07/01	73.94	---	25.30	---	48.64
TF-18	04/08/02	73.94	27.10	27.42	0.32	46.78
TF-18	09/19/02	73.94	25.80	26.89	1.09	47.92
TF-18	10/21/02	73.94	27.92	27.94	0.02	46.02
TF-18	04/22/03	73.94	---	28.11	---	45.83
TF-18	10/06/03	73.94	25.09	25.28	0.19	48.81
TF-18	04/19/04	73.94	---	26.00	---	47.94
TF-18	11/01/04	73.94	26.25	27.76	1.51	47.39
TF-18	02/28/05	73.94	---	22.27	---	51.67
TF-18	05/02/05	73.94	20.45	20.67	0.22	53.45
TF-18	03/06/06	73.94	22.62	22.67	0.05	51.31
TF-18	05/01/06	73.94	22.57	22.59	0.02	51.37
TF-18	08/26/06	73.94	23.14	23.29	0.15	50.77
TF-18	12/01/06	73.94	---	23.97	---	49.97
TF-18	03/21/07	73.94	23.91	24.02	0.11	50.01
TF-18	04/30/07	73.94	24.30	24.35	0.05	49.63
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
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	48.23
TF-18	10/01/10	73.94	---	26.35	---	47.59
TF-18	01/08/11	73.94	26.65	26.86	0.21	47.25
TF-18	04/07/11	73.94	24.95	25.11	0.16	48.96
TF-18	07/08/11	73.94	25.30	25.40	0.10	48.62
TF-18	10/06/11	73.94	25.95	25.97	0.02	47.99
TF-18	04/12/12	73.94	---	27.30	---	46.64
TF-18	01/10/13	73.94	27.85	30.25	2.40	45.61
TF-18	04/03/13	73.94	28.04	28.80	0.76	45.75
TF-18	10/02/13	73.94	28.68	29.47	0.79	45.10
TF-18	04/09/14	73.94	29.37	30.90	1.53	44.26
TF-18	04/16/14	73.94	29.38	31.15	1.77	44.21
TF-18	10/27/14	73.94	29.48	30.91	1.43	44.17
TF-18	04/20/15	73.94	29.36	30.11	0.75	44.43
TF-18	04/11/16	73.94	31.12	34.08	2.96	42.23
TF-18	10/03/16	73.94	31.61	34.35	2.74	NC
TF-18	04/20/17	73.94	---	30.92	---	43.02
TF-18	09/27/17	73.74	31.42	33.12	1.70	NC
TF-18	04/16/18	73.74	32.67	35.60	2.93	NC
TF-19	11/20/96	75.61	---	29.06	---	46.55
TF-19	07/01/97	75.61	29.20	29.30	0.10	46.39
TF-19	12/31/97	75.61	---	28.27	---	47.34
TF-19	05/01/98	75.61	---	25.70	---	49.91
TF-19	05/25/99	75.61	---	26.42	---	49.19
TF-19	05/15/00	75.61	32.33	32.90	0.57	43.17
TF-19	05/07/01	75.61	---	28.61	---	47.00
TF-19	04/08/02	75.07	---	26.40	---	48.67
TF-19	09/19/02	75.61	---	27.90	---	47.71
TF-19	10/21/02	75.61	---	27.08	---	48.53
TF-19	04/22/03	75.07	---	27.09	---	47.98
TF-19	10/06/03	75.07	---	26.87	---	48.20
TF-19	04/19/04	75.07	---	26.90	---	48.17
TF-19	11/01/04	75.61	---	28.20	---	47.41

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-19	02/28/05	75.61	---	23.79	---	51.82
TF-19	05/02/05	75.61	---	22.25	---	53.36
TF-19	03/06/06	75.61	---	24.62	---	50.99
TF-19	05/01/06	75.61	---	24.60	---	51.01
TF-19	08/26/06	75.61	---	25.11	---	50.50
TF-19	12/01/06	75.61	---	25.60	---	50.01
TF-19	03/21/07	75.61	---	25.96	---	49.65
TF-19	04/30/07	75.61	---	26.07	---	49.54
TF-19	08/28/07	75.61	---	26.21	---	49.40
TF-19	11/12/07	75.61	---	26.66	---	48.95
TF-19	02/05/08	75.61	---	27.15	---	48.46
TF-19	04/14/08	75.61	---	26.12	---	49.49
TF-19	07/24/08	75.61	---	26.95	---	48.66
TF-19	10/14/08	75.61	---	27.40	---	48.21
TF-19	02/10/09	75.61	---	27.70	---	47.91
TF-19	07/16/09	75.61	---	27.69	---	47.92
TF-19	04/08/10	75.61	---	27.48	---	48.13
TF-19	10/01/10	75.07	---	28.11	---	46.96
TF-19	01/08/11	75.07	---	27.66	---	47.41
TF-19	04/07/11	75.07	---	25.96	---	49.11
TF-19	07/08/11	75.07	---	26.37	---	48.70
TF-19	10/06/11	75.07	---	27.00	---	48.07
TF-19	04/12/12	75.07	---	28.08	---	46.99
TF-19	01/10/13	75.07	---	29.38	---	45.69
TF-19	04/03/13	75.07	---	29.45	---	45.62
TF-19	10/02/13	75.07	---	30.14	---	44.93
TF-19	04/09/14	75.07	---	30.68	---	44.39
TF-19	04/16/14	75.07	30.75	30.76	0.01	44.32
TF-19	10/27/14	75.07	30.72	31.46	0.74	44.20
TF-19	04/20/15	75.07	30.77	33.03	2.26	43.85
TF-19	04/11/16	75.07	---	33.03	---	42.04
TF-19	10/03/16	75.07	---	32.92	---	42.15
TF-19	04/20/17	75.07	---	31.60	---	43.47
TF-19	10/03/17	75.07	---	32.73	---	42.34
TF-19	04/16/18	75.07	---	33.67	---	41.40
TF-20	11/20/96	75.59	---	29.02	---	46.57
TF-20	07/01/97	75.59	---	29.40	---	46.19
TF-20	12/31/97	75.59	---	28.49	---	47.10
TF-20	05/01/98	75.59	---	25.93	---	49.66
TF-20	05/25/99	75.59	---	26.74	---	48.85
TF-20	05/15/00	75.59	---	31.44	---	44.15
TF-20	05/07/01	75.59	---	27.96	---	47.63
TF-20	04/08/02	75.08	---	31.40	---	43.68
TF-20	09/19/02	75.59	---	28.52	---	47.07
TF-20	10/21/02	75.59	---	31.29	---	44.30
TF-20	04/22/03	75.08	---	31.28	---	43.80
TF-20	10/06/03	75.08	---	27.60	---	47.48
TF-20	04/19/04	75.08	---	27.78	---	47.30
TF-20	11/01/04	75.59	---	28.88	---	46.71
TF-20	02/28/05	75.59	---	24.92	---	50.67
TF-20	05/02/05	75.59	---	22.54	---	53.05
TF-20	03/06/06	75.59	24.34	24.48	0.14	51.22
TF-20	05/01/06	75.59	24.67	27.70	3.03	50.31
TF-20	08/26/06	75.59	25.05	28.68	3.63	49.81
TF-20	12/01/06	75.59	25.48	29.67	4.19	49.27

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-20	03/21/07	75.59	25.42	25.49	0.07	50.16
TF-20	04/30/07	75.59	---	25.84	---	49.75
TF-20	11/09/07	75.59	26.45	29.02	2.57	48.63
TF-20	02/05/08	75.08	27.47	28.65	1.18	47.37
TF-20	07/24/08	75.08	---	27.51	---	47.57
TF-20	10/13/08	75.08	---	28.28	---	46.80
TF-20	02/10/09	75.08	27.24	27.85	0.61	47.72
TF-20	07/17/09	75.08	---	28.02	---	47.06
TF-20	04/08/10	75.08	---	27.59	---	47.49
TF-20	10/01/10	75.08	---	28.47	---	46.61
TF-20	01/08/11	75.08	---	28.73	---	46.35
TF-20	04/08/11	75.08	---	26.90	---	48.18
TF-20	07/08/11	75.08	---	27.45	---	47.63
TF-20	10/06/11	75.08	---	28.05	---	47.03
TF-20	04/12/12	75.08	---	28.88	---	46.20
TF-20	01/11/13	75.08	30.38	30.43	0.05	44.69
TF-20	04/03/13	75.08	30.30	30.32	0.02	44.78
TF-20	10/02/13	75.08	30.93	30.95	0.02	44.15
TF-20	04/09/14	75.08	---	31.47	---	43.61
TF-20	04/16/14	75.08	31.32	31.35	0.03	43.75
TF-20	10/27/14	75.08	31.76	31.79	0.03	43.31
TF-20R	10/03/17	75.26	---	33.41	---	41.85
TF-20R	04/16/18	75.26	---	34.25	---	41.01
TF-21	11/20/96	75.60	29.83	29.91	0.08	45.75
TF-21	07/01/97	75.60	30.80	31.10	0.30	44.74
TF-21	12/31/97	75.60	---	28.35	---	47.25
TF-21	05/01/98	75.60	---	25.56	---	50.04
TF-21	05/01/98	75.60	---	NM	0.05	NC
TF-21	05/25/99	75.60	26.49	26.58	0.09	49.09
TF-21	05/15/00	75.60	28.68	29.04	0.36	46.85
TF-21	05/07/01	75.60	---	29.81	---	45.79
TF-21	04/08/02	74.96	---	28.50	---	46.46
TF-21	09/19/02	75.60	---	28.63	---	46.97
TF-21	10/21/02	75.60	---	30.16	---	45.44
TF-21	04/22/03	74.96	---	27.62	---	47.34
TF-21	10/06/03	74.96	---	26.55	---	48.41
TF-21	04/19/04	74.96	---	27.28	---	47.68
TF-21	11/01/04	75.60	---	27.88	---	47.72
TF-21	02/28/05	75.60	---	23.76	---	51.84
TF-21	05/02/05	75.60	---	22.00	---	53.60
TF-21	03/06/06	75.60	---	24.06	---	51.54
TF-21	05/01/06	75.60	---	24.09	---	51.51
TF-21	08/26/06	75.60	---	24.76	---	50.84
TF-21	12/01/06	75.60	---	25.22	---	50.38
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
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-21	10/02/13	74.96	---	30.15	---	44.81
TF-21	04/09/14	74.96	---	30.68	---	44.28
TF-21	04/16/14	74.96	---	30.66	---	44.30
TF-21	10/27/14	74.96	---	30.92	---	44.04
TF-21	04/20/15	74.96	---	31.26	---	43.70
TF-21	04/11/16	74.96	---	NM	---	NC
TF-21	10/03/16	---	---	36.31	---	NC
TF-21	04/19/17	74.96	---	35.32	---	39.64
TF-21	10/03/17	77.91	---	36.13	---	41.78
TF-21	04/16/18	77.91	---	36.98	---	40.93
TF-22	11/20/96	74.95	30.56	31.98	1.42	44.11
TF-22	07/01/97	74.95	30.70	31.00	0.30	44.19
TF-22	12/31/97	74.95	28.01	28.90	0.89	46.76
TF-22	05/01/98	74.95	23.57	25.24	1.67	51.05
TF-22	05/25/99	74.95	26.02	26.44	0.42	48.85
TF-22	05/15/00	74.95	32.65	32.96	0.31	42.24
TF-22	05/07/01	74.95	32.70	33.01	0.31	42.19
TF-22	04/08/02	74.76	32.80	32.98	0.18	41.92
TF-22	09/19/02	74.95	---	27.63	---	47.32
TF-22	10/21/02	74.95	31.42	32.60	0.02	42.37
TF-22	04/22/03	74.76	---	27.60	---	47.16
TF-22	10/06/03	74.76	---	26.37	---	48.39
TF-22	04/19/04	74.95	27.30	27.32	0.02	47.65
TF-22	11/01/04	74.95	---	27.52	---	47.43
TF-22	02/28/05	74.95	---	23.49	---	51.46
TF-22	05/02/05	74.95	---	21.88	---	53.07
TF-22	03/06/06	74.95	---	23.98	---	50.97
TF-22	05/01/06	74.95	---	23.99	---	50.96
TF-22	08/26/06	74.95	---	24.42	---	50.53
TF-22	12/01/06	74.95	---	24.97	---	49.98
TF-22	03/21/07	74.95	---	25.24	---	49.71
TF-22	04/30/07	74.95	25.50	25.51	0.01	49.45
TF-22	08/28/07	74.95	---	26.07	---	48.88
TF-22	11/12/07	74.95	---	26.03	---	48.92
TF-22	02/05/08	74.95	---	26.87	---	48.08
TF-22	04/14/08	74.95	---	25.59	---	49.36
TF-22	07/24/08	74.95	---	26.40	---	48.55
TF-22	10/13/08	74.95	---	27.06	---	47.89
TF-22	02/10/09	74.95	---	26.32	---	48.63
TF-22	07/17/09	74.95	---	27.61	---	47.34
TF-22	04/08/10	74.95	---	28.24	---	46.71
TF-22	10/01/10	74.76	---	27.58	---	47.18

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-22	04/08/11	74.76	---	25.92	---	48.84
TF-22	07/08/11	74.76	---	26.30	---	48.46
TF-22	10/06/11	74.76	---	26.95	---	47.81
TF-22	04/12/12	74.76	---	27.90	---	46.86
TF-22	01/11/13	74.76	---	29.35	---	45.41
TF-22	04/03/13	74.76	---	29.15	---	45.61
TF-23	05/25/99	75.31	---	26.12	---	49.19
TF-23	05/15/00	75.31	27.35	27.38	0.03	47.95
TF-23	05/07/01	75.31	---	27.30	---	48.01
TF-23	04/08/02	75.31	---	28.74	---	46.57
TF-23	09/19/02	75.31	---	27.55	---	47.76
TF-23	10/21/02	75.31	31.24	31.44	0.20	44.03
TF-23	04/22/03	74.76	---	NM	---	NC
TF-23	10/06/03	75.31	---	26.52	---	48.79
TF-23	04/19/04	75.31	---	27.51	---	47.80
TF-23	11/01/04	75.31	---	27.60	---	47.71
TF-23	02/28/05	75.31	---	23.89	---	51.42
TF-23	05/02/05	75.31	---	22.32	---	52.99
TF-23	03/06/06	75.31	---	24.21	---	51.10
TF-23	05/01/06	75.31	---	24.31	---	51.00
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	46.92
TF-23	01/11/13	75.31	---	29.67	---	45.64
TF-23	04/03/13	75.31	29.60	29.70	0.10	45.69
TF-23	10/02/13	75.31	30.34	30.56	0.22	44.93
TF-23	04/09/14	75.31	30.92	31.16	0.24	44.34
TF-23	04/16/14	75.31	30.90	31.08	0.18	44.37
TF-23	10/27/14	75.31	31.15	31.16	0.01	44.16
TF-23	04/20/15	75.31	31.51	31.54	0.03	43.79
TF-23	04/11/16	75.31	32.84	33.11	0.27	42.42
TF-23	10/03/16	75.31	33.25	33.64	0.39	NC
TF-23	04/20/17	75.31	---	32.50	---	42.81
TF-23	10/03/17	75.31	---	NM	---	NC
TF-23	04/16/18	75.31	---	NM	---	NC
TF-24	12/31/97	76.36	---	30.05	---	46.31
TF-24	05/01/98	76.36	---	27.19	---	49.17
TF-24	05/25/99	72.43	27.10	29.04	1.94	44.94
TF-24	05/15/00	76.36	27.82	29.42	1.60	48.22
TF-24	05/07/01	76.36	---	NM	---	NC
TF-24	04/08/02	76.43	---	29.19	---	47.24
TF-24	10/21/02	76.35	---	28.12	---	48.23

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-24	04/22/03	76.35	27.95	28.65	0.70	48.26
TF-24	11/01/04	76.43	---	29.40	---	47.03
TF-24	02/28/05	76.43	---	24.77	---	51.66
TF-24	05/02/05	76.43	---	24.78	---	51.65
TF-24	03/06/06	76.43	24.92	25.86	0.94	51.32
TF-24	05/01/06	76.43	---	26.21	---	50.22
TF-24	08/26/06	76.43	---	26.59	---	49.84
TF-24	03/21/07	76.43	25.88	26.52	0.64	50.42
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
TF-24	01/10/13	76.43	---	31.13	---	45.30
TF-24	04/02/13	76.43	---	31.11	---	45.32
TF-24	10/01/13	76.43	---	31.84	---	44.59
TF-24	04/07/14	76.43	---	32.62	---	43.81
TF-24	04/17/14	76.43	---	32.35	---	44.08
TF-24	10/27/14	76.43	---	32.90	---	43.53
TF-24	04/20/15	76.43	---	33.21	---	43.22
TF-24	04/11/16	76.43	---	NM	---	NC
TF-24	10/03/16	76.43	---	34.85	---	41.58
TF-24	04/19/17	76.43	---	34.15	---	42.28
TF-24	10/02/17	76.43	---	36.20	---	40.23
TF-24	04/16/18	76.43	---	36.78	---	39.65
TF-25	05/07/01	74.85	---	26.56	---	48.29
TF-25	04/08/02	74.85	---	28.55	---	46.30
TF-25	09/19/02	74.85	---	28.70	---	46.15
TF-25	10/21/02	74.85	---	27.82	---	47.03
TF-25	04/22/03	74.85	---	29.61	---	45.24
TF-25	10/06/03	74.85	---	27.54	---	47.31
TF-25	04/19/04	74.85	---	28.96	---	45.89
TF-25	11/01/04	74.85	---	28.15	---	46.70
TF-25	02/28/05	74.85	---	24.44	---	50.41
TF-25	05/02/05	74.85	---	23.72	---	51.13
TF-25	03/06/06	74.85	---	24.81	---	50.04
TF-25	05/01/06	74.85	---	25.10	---	49.75
TF-25	08/26/06	74.85	---	25.48	---	49.37
TF-25	12/01/06	74.85	---	25.79	---	49.06
TF-25	03/21/07	74.85	---	26.00	---	48.85
TF-25	04/30/07	74.85	---	26.34	---	48.51
TF-25	08/28/07	74.85	---	26.89	---	47.96
TF-25	11/12/07	74.85	---	26.13	---	48.72
TF-25	02/05/08	74.85	---	27.71	---	47.14
TF-25	04/11/08	74.85	---	26.61	---	48.24
TF-25	07/24/08	74.85	---	26.95	---	47.90
TF-25	10/14/08	74.85	---	27.62	---	47.23

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-25	02/10/09	74.85	---	27.62	---	47.23
TF-25	07/16/09	---	---	28.88	---	NC
TF-25	04/08/10	74.85	---	27.95	---	46.90
TF-25	10/01/10	74.85	---	27.63	---	47.22
TF-25	01/08/11	74.85	---	27.63	---	47.22
TF-25	04/08/11	74.85	---	26.40	---	48.45
TF-25	07/08/11	74.85	---	26.63	---	48.22
TF-25	10/07/11	74.85	---	27.27	---	47.58
TF-25	04/12/12	74.85	---	28.29	---	46.56
TF-25	01/11/13	74.85	---	29.65	---	45.20
TF-25	04/03/13	74.85	---	29.49	---	45.36
TF-25	04/09/14	74.85	---	30.98	---	43.87
TF-26	05/07/01	75.85	---	27.83	---	48.02
TF-26	04/08/02	75.85	---	29.12	---	46.73
TF-26	09/19/02	75.85	---	29.52	---	46.33
TF-26	10/21/02	75.85	---	28.82	---	47.03
TF-26	04/22/03	75.85	---	28.60	---	47.25
TF-26	10/06/03	75.85	---	28.42	---	47.43
TF-26	04/19/04	75.85	---	29.71	---	46.14
TF-26	11/01/04	75.85	---	29.18	---	46.67
TF-26	02/28/05	75.85	---	25.38	---	50.47
TF-26	05/02/05	75.85	---	24.62	---	51.23
TF-26	03/06/06	75.85	---	25.62	---	50.23
TF-26	05/01/06	75.85	---	26.04	---	49.81
TF-26	08/26/06	75.85	---	26.40	---	49.45
TF-26	12/01/06	75.85	---	26.78	---	49.07
TF-26	03/21/07	75.85	---	26.84	---	49.01
TF-26	04/27/07	75.85	---	27.18	---	48.67
TF-26	08/28/07	75.85	---	27.06	---	48.79
TF-26	11/12/07	75.85	---	27.80	---	48.05
TF-26	02/05/08	75.85	---	28.11	---	47.74
TF-26	04/11/08	75.85	---	27.59	---	48.26
TF-26	07/24/08	75.85	---	28.01	---	47.84
TF-26	10/13/08	75.85	---	28.59	---	47.26
TF-26	02/09/09	75.85	---	27.91	---	47.94
TF-26	07/17/09	---	---	28.87	---	NC
TF-26	04/07/10	75.85	---	28.11	---	47.74
TF-26	10/01/10	75.85	---	28.41	---	47.44
TF-26	04/08/11	75.85	---	27.20	---	48.65
TF-26	07/07/11	75.85	---	27.50	---	48.35
TF-26	10/06/11	75.85	---	22.97	---	52.88
TF-26	04/12/12	75.85	---	29.04	---	46.81
TF-26	01/10/13	75.85	---	30.21	---	45.64
TF-26	04/02/13	75.85	30.55	31.39	0.84	45.13
TF-26	04/09/14	75.85	31.48	32.58	1.10	44.15
TFR-9	04/16/18	---	35.94	38.43	2.49	NC
TFR-12	04/16/18	---	35.57	38.23	2.66	NC
TFR-14	04/16/18	---	36.18	36.80	0.62	NC
TFR-15	04/16/18	---	35.88	36.55	0.67	NC
TFR-18	04/16/18	---	33.82	34.61	0.79	NC
TFR-22	04/16/18	---	32.60	37.85	5.25	NC
TFR-24	04/16/18	---	33.86	36.64	2.78	NC
TFR-27	04/16/18	---	34.08	36.90	2.82	NC
TFR-29	04/16/18	---	32.26	39.68	7.42	NC
TFR-33	04/16/18	---	34.40	37.12	2.72	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
VE-1	04/07/03	77.70	---	29.55	---	48.15
VE-1	10/06/03	77.70	---	29.39	---	48.31
VE-1	04/19/04	77.70	---	30.17	---	47.53
VE-1	11/01/04	77.70	---	30.05	---	47.65
VE-1	05/01/06	77.70	---	26.58	---	51.12
VE-1	04/11/08	77.70	---	28.68	---	49.02
VE-1	10/13/08	77.70	---	29.78	---	47.92
VE-1	04/08/10	---	---	30.02	---	NC
VE-2	04/07/03	77.26	---	28.95	---	48.31
VE-2	10/06/03	77.26	---	28.89	---	48.37
VE-2	04/19/04	77.26	---	30.02	---	47.24
VE-2	11/01/04	77.26	---	29.69	---	47.57
VE-2	05/01/06	77.26	---	25.93	---	51.33
VE-2	04/11/08	77.26	---	28.25	---	49.01
VE-2	10/13/08	77.26	---	29.33	---	47.93
VE-2	04/07/10	---	---	30.36	---	NC
VEW-1	08/07/01	74.32	---	NM	---	NC
VEW-1	10/04/10	---	---	NM	---	NC
VEW-1	04/11/11	---	---	NM	---	NC
VEW-1	10/10/11	---	---	DRY	---	NC
VEW-1	04/16/12	---	---	NM	---	NC
VEW-1	07/09/12	---	---	NM	---	NC
VEW-1	10/15/12	---	---	DRY	---	NC
VEW-1	04/08/13	---	---	DRY	---	NC
VEW-1	10/07/13	---	---	DRY	---	NC
VEW-1	10/27/14	---	---	DRY	---	NC
VEW-1	04/20/15	---	---	DRY	---	NC
VEW-1	10/19/15	---	---	DRY	---	NC
VEW-1	04/11/16	---	---	DRY	---	NC
VEW-1	10/03/16	---	---	DRY	---	NC
VEW-1	10/03/16	---	---	DRY	---	NC
VEW-1	04/17/17	---	---	DRY	---	NC
VEW-1	10/02/17	---	---	DRY	---	NC
VEW-1	04/16/18	---	---	DRY	---	NC
VEW-2	08/07/01	76.57	---	NM	---	NC
VEW-2	10/04/10	---	---	NM	---	NC
VEW-2	04/11/11	---	---	NM	---	NC
VEW-2	10/10/11	---	---	DRY	---	NC
VEW-2	04/16/12	---	---	NM	---	NC
VEW-2	07/09/12	---	---	NM	---	NC
VEW-2	10/15/12	---	---	DRY	---	NC
VEW-2	04/08/13	---	---	DRY	---	NC
VEW-2	10/07/13	---	---	DRY	---	NC
VEW-2	10/27/14	---	---	DRY	---	NC
VEW-2	04/20/15	---	---	DRY	---	NC
VEW-2	10/19/15	---	---	DRY	---	NC
VEW-2	04/11/16	---	---	DRY	---	NC
VEW-2	10/03/16	---	---	DRY	---	NC
VEW-2	10/03/16	---	---	DRY	---	NC
VEW-2	04/17/17	---	---	DRY	---	NC
VEW-2	10/02/17	---	---	DRY	---	NC
VEW-2	04/16/18	---	---	DRY	---	NC
VS-01	10/06/03	---	---	26.30	---	NC
VS-01	04/19/04	---	---	26.88	---	NC
VS-01	05/01/06	---	---	23.95	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
VS-01	05/01/06	---	---	24.01	---	NC
VS-01	12/01/06	---	---	24.81	---	NC
VS-01	12/01/06	---	---	24.92	---	NC
VS-01	11/12/07	---	---	24.81	---	NC
VS-01	11/12/07	---	---	24.92	---	NC
VS-01	04/14/08	---	---	25.18	---	NC
VS-01	04/14/08	---	---	25.48	---	NC
VS-01	10/14/08	---	---	26.69	---	NC
VS-01	10/14/08	---	---	26.87	---	NC
VS-02	10/06/03	---	---	25.63	---	NC
VS-02	04/19/04	---	---	25.08	---	NC
VS-02	04/27/07	---	---	25.50	---	NC
VS-03	10/06/03	---	---	27.04	---	NC
VS-03	04/19/04	---	---	28.25	---	NC
VS-03	05/01/06	---	---	24.21	---	NC
VS-03	05/01/06	---	---	24.36	---	NC
VS-03	12/01/06	---	---	25.18	---	NC
VS-03	12/01/06	---	---	25.21	---	NC
VS-03	04/27/07	---	---	25.51	---	NC
VS-03	04/30/07	---	---	25.51	---	NC
VS-03	11/12/07	---	---	26.01	---	NC
VS-03	11/12/07	---	---	26.33	---	NC
VS-03	04/11/08	---	---	25.56	---	NC
VS-03	04/11/08	---	---	25.90	---	NC
VS-03	10/14/08	---	---	26.60	---	NC
VS-03	10/14/08	---	---	26.85	---	NC
VS-03	04/08/10	---	---	26.48	---	NC
VS-03	04/08/10	---	---	27.10	---	NC
WCW-1	05/28/96	72.86	---	25.95	---	46.91
WCW-1	11/20/96	72.86	---	26.13	---	46.73
WCW-1	07/01/97	72.86	---	26.77	---	46.09
WCW-1	12/31/97	72.86	---	26.09	---	46.77
WCW-1	05/01/98	72.86	---	24.21	---	48.65
WCW-1	02/02/99	72.86	---	23.24	---	49.62
WCW-1	05/04/99	72.86	---	23.78	---	49.08
WCW-1	08/09/99	72.86	---	24.15	---	48.71
WCW-1	11/15/99	72.86	---	24.27	---	48.59
WCW-1	02/28/00	72.86	---	24.31	---	48.55
WCW-1	05/15/00	72.86	---	27.79	---	45.07
WCW-1	08/28/00	72.86	---	24.68	---	48.18
WCW-1	11/13/00	72.86	---	24.66	---	48.20
WCW-1	02/05/01	72.86	---	24.60	---	48.26
WCW-1	05/07/01	72.86	---	23.99	---	48.87
WCW-1	09/18/01	72.86	---	23.68	---	49.18
WCW-1	01/29/02	72.86	---	23.85	---	49.01
WCW-1	04/08/02	72.86	---	24.13	---	48.73
WCW-1	10/21/02	72.86	---	24.65	---	48.21
WCW-1	04/07/03	72.86	---	24.65	---	48.21
WCW-1	10/06/03	72.86	---	24.49	---	48.37
WCW-1	04/19/04	72.86	---	24.98	---	47.88
WCW-1	05/10/04	72.86	---	24.93	---	47.93
WCW-1	11/01/04	72.86	---	25.26	---	47.60
WCW-1	05/02/05	72.86	---	22.57	---	50.29
WCW-1	05/01/06	72.86	---	22.13	---	50.73
WCW-1	12/01/06	72.86	---	22.91	---	49.95

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-1	04/30/07	72.86	---	22.20	---	50.66
WCW-1	11/12/07	72.86	---	23.52	---	49.34
WCW-1	04/14/08	72.86	---	23.57	---	49.29
WCW-1	10/14/08	72.86	---	24.19	---	48.67
WCW-1	04/20/09	72.86	---	24.26	---	48.60
WCW-1	01/12/10	72.86	---	25.91	---	46.95
WCW-1	05/24/10	72.86	---	25.10	---	47.76
WCW-1	05/28/10	72.86	---	25.05	---	47.81
WCW-1	10/01/10	72.86	---	25.29	---	47.57
WCW-1	04/08/11	72.86	---	24.82	---	48.04
WCW-1	04/11/11	72.86	---	24.73	---	48.13
WCW-1	07/07/11	72.86	---	24.40	---	48.46
WCW-1	10/06/11	72.86	---	24.57	---	48.29
WCW-1	04/16/12	72.86	---	25.23	---	47.63
WCW-1	07/09/12	72.86	---	NM	---	NC
WCW-1	10/15/12	72.86	---	NM	---	NC
WCW-1	04/08/13	72.86	---	26.83	---	46.03
WCW-1	10/07/13	72.86	---	27.63	---	45.23
WCW-1	04/14/14	72.86	---	27.73	---	45.13
WCW-1	10/27/14	72.86	---	28.53	---	44.33
WCW-1	04/20/15	72.86	---	29.08	---	43.78
WCW-1	10/19/15	72.86	---	29.90	---	42.96
WCW-1	04/11/16	72.86	---	30.70	---	42.16
WCW-1	10/03/16	72.86	---	31.50	---	41.36
WCW-1	10/03/16	72.86	---	31.50	---	41.36
WCW-1	04/17/17	72.86	---	31.00	---	41.86
WCW-1	10/02/17	72.86	---	31.74	---	41.12
WCW-1	04/16/18	72.86	---	32.28	---	40.58
WCW-2	05/28/96	75.34	---	35.28	---	40.06
WCW-2	11/20/96	75.34	---	29.34	---	46.00
WCW-2	07/01/97	75.34	---	29.82	---	45.52
WCW-2	12/31/97	75.34	---	29.45	---	45.89
WCW-2	05/01/98	75.34	---	26.80	---	48.54
WCW-2	02/02/99	75.34	---	26.40	---	48.94
WCW-2	05/03/99	75.34	---	26.94	---	48.40
WCW-2	08/09/99	75.34	---	27.21	---	48.13
WCW-2	11/15/99	75.34	---	27.47	---	47.87
WCW-2	02/28/00	75.34	---	27.44	---	47.90
WCW-2	05/15/00	75.34	---	27.42	---	47.92
WCW-2	08/28/00	75.34	---	27.63	---	47.71
WCW-2	11/13/00	75.34	---	28.87	---	46.47
WCW-2	02/05/01	75.34	---	27.62	---	47.72
WCW-2	05/07/01	75.34	---	27.06	---	48.28
WCW-2	09/18/01	75.34	---	26.64	---	48.70
WCW-2	01/29/02	75.34	---	26.76	---	48.58
WCW-2	04/08/02	75.34	---	27.10	---	48.24
WCW-2	10/21/02	75.34	---	27.47	---	47.87
WCW-2	04/07/03	75.34	---	27.47	---	47.87
WCW-2	10/06/03	75.34	---	27.40	---	47.94
WCW-2	04/19/04	75.34	---	25.80	---	49.54
WCW-2	05/10/04	75.34	---	27.80	---	47.54
WCW-2	11/01/04	75.34	---	28.04	---	47.30
WCW-2	05/02/05	75.34	---	25.69	---	49.65
WCW-2	05/01/06	75.34	---	24.90	---	50.44
WCW-2	12/01/06	75.34	---	25.52	---	49.82

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-2	04/30/07	75.34	---	25.49	---	49.85
WCW-2	11/12/07	75.34	---	26.15	---	49.19
WCW-2	04/14/08	75.34	---	26.15	---	49.19
WCW-2	10/14/08	75.34	---	26.88	---	48.46
WCW-2	04/20/09	75.34	---	27.31	---	48.03
WCW-2	10/19/09	75.34	---	27.90	---	47.44
WCW-2	01/12/10	75.34	---	28.11	---	47.23
WCW-2	05/24/10	75.34	---	28.00	---	47.34
WCW-2	05/28/10	75.34	---	27.95	---	47.39
WCW-2	01/08/11	75.34	---	28.36	---	46.98
WCW-2	04/11/11	75.34	---	27.67	---	47.67
WCW-2	04/12/11	75.34	---	27.74	---	47.60
WCW-2	07/07/11	75.34	---	27.40	---	47.94
WCW-2	10/06/11	75.34	---	27.54	---	47.80
WCW-2	04/16/12	75.34	---	28.13	---	47.21
WCW-2	07/09/12	75.34	---	NM	---	NC
WCW-2	10/15/12	75.34	---	NM	---	NC
WCW-2	04/08/13	75.34	---	29.11	---	46.23
WCW-2	10/07/13	75.34	---	30.25	---	45.09
WCW-2	04/14/14	75.34	---	31.71	---	43.63
WCW-2	10/27/14	75.34	---	31.42	---	43.92
WCW-2	04/20/15	75.34	---	32.84	---	42.50
WCW-2	10/19/15	75.34	---	32.52	---	42.82
WCW-2	04/11/16	75.34	---	33.05	---	42.29
WCW-2	10/03/16	75.34	---	33.60	---	41.74
WCW-2	10/03/16	75.34	---	33.60	---	41.74
WCW-2	04/17/17	75.34	---	33.62	---	41.72
WCW-2	10/02/17	75.34	---	33.94	---	41.40
WCW-2	04/16/18	75.34	---	34.41	---	40.93
WCW-3	05/28/96	76.16	---	30.40	---	45.76
WCW-3	11/20/96	76.16	---	30.48	---	45.68
WCW-3	07/01/97	76.16	---	31.00	---	45.16
WCW-3	12/31/97	76.16	---	30.61	---	45.55
WCW-3	05/01/98	76.16	---	29.00	---	47.16
WCW-3	02/02/99	76.16	---	27.82	---	48.34
WCW-3	05/03/99	76.16	---	28.33	---	47.83
WCW-3	08/09/99	76.16	---	28.56	---	47.60
WCW-3	11/15/99	76.16	---	28.83	---	47.33
WCW-3	02/28/00	76.16	---	28.58	---	47.58
WCW-3	05/15/00	76.16	---	28.56	---	47.60
WCW-3	08/28/00	76.16	---	28.72	---	47.44
WCW-3	11/13/00	76.16	---	28.16	---	48.00
WCW-3	02/05/01	76.16	---	28.70	---	47.46
WCW-3	05/07/01	76.16	---	28.15	---	48.01
WCW-3	09/18/01	76.16	---	27.78	---	48.38
WCW-3	01/29/02	76.16	---	27.99	---	48.17
WCW-3	04/08/02	76.16	---	28.25	---	47.91
WCW-3	07/29/02	76.16	---	28.41	---	47.75
WCW-3	10/21/02	76.16	---	28.50	---	47.66
WCW-3	01/27/03	76.16	---	28.47	---	47.69
WCW-3	04/07/03	76.16	---	28.49	---	47.67
WCW-3	07/30/03	76.16	---	28.29	---	47.87
WCW-3	10/06/03	76.16	---	28.44	---	47.72
WCW-3	01/27/04	76.16	---	28.58	---	47.58
WCW-3	05/10/04	76.16	---	28.34	---	47.82

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-3	07/19/04	76.16	---	28.18	---	47.98
WCW-3	11/01/04	76.16	---	29.04	---	47.12
WCW-3	02/01/05	76.16	---	28.54	---	47.62
WCW-3	05/02/05	76.16	---	26.58	---	49.58
WCW-3	02/27/06	76.16	---	25.75	---	50.41
WCW-3	05/01/06	76.16	---	25.95	---	50.21
WCW-3	09/18/06	76.16	---	26.11	---	50.05
WCW-3	12/01/06	76.16	---	26.56	---	49.60
WCW-3	03/12/07	76.16	---	26.52	---	49.64
WCW-3	04/30/07	76.16	---	26.45	---	49.71
WCW-3	08/28/07	76.16	---	27.43	---	48.73
WCW-3	11/12/07	76.16	---	27.21	---	48.95
WCW-3	02/19/08	76.16	---	27.21	---	48.95
WCW-3	04/14/08	76.16	---	27.14	---	49.02
WCW-3	08/11/08	76.16	---	27.59	---	48.57
WCW-3	10/14/08	76.16	---	27.99	---	48.17
WCW-3	04/20/09	76.16	---	28.19	---	47.97
WCW-3	07/20/09	76.16	---	28.48	---	47.68
WCW-3	10/19/09	76.16	---	28.84	---	47.32
WCW-3	01/12/10	76.16	---	30.40	---	45.76
WCW-3	03/15/10	76.16	---	29.44	---	46.72
WCW-3	05/24/10	76.16	---	29.30	---	46.86
WCW-3	05/28/10	76.16	---	29.21	---	46.95
WCW-3	10/04/10	76.16	---	29.26	---	46.90
WCW-3	01/08/11	76.16	---	29.58	---	46.58
WCW-3	01/10/11	76.16	---	29.50	---	46.66
WCW-3	04/11/11	76.16	---	28.84	---	47.32
WCW-3	04/12/11	76.16	---	28.95	---	47.21
WCW-3	07/07/11	76.16	---	28.75	---	47.41
WCW-3	07/11/11	76.16	---	28.57	---	47.59
WCW-3	10/10/11	76.16	---	28.64	---	47.52
WCW-3	01/09/12	76.16	---	29.00	---	47.16
WCW-3	04/16/12	76.16	---	29.35	---	46.81
WCW-3	07/09/12	76.16	---	29.64	---	46.52
WCW-3	10/15/12	76.16	---	29.98	---	46.18
WCW-3	01/14/13	76.16	---	30.32	---	45.84
WCW-3	04/08/13	76.16	---	30.24	---	45.92
WCW-3	10/07/13	76.16	---	31.00	---	45.16
WCW-3	04/14/14	76.16	---	31.81	---	44.35
WCW-3	10/27/14	76.16	---	32.39	---	43.77
WCW-3	04/20/15	76.16	---	32.40	---	43.76
WCW-3	10/19/15	76.16	---	33.38	---	42.78
WCW-3	04/11/16	76.16	---	33.83	---	42.33
WCW-3	10/03/16	76.16	---	34.35	---	41.81
WCW-3	10/03/16	76.16	---	34.35	---	41.81
WCW-3	04/17/17	76.16	---	34.70	---	41.46
WCW-3	10/02/17	76.16	---	34.79	---	41.37
WCW-3	04/16/18	76.16	---	35.26	---	40.90
WCW-4	05/28/96	78.05	---	32.63	---	45.42
WCW-4	11/20/96	78.05	---	32.61	---	45.44
WCW-4	07/01/97	78.05	---	32.95	---	45.10
WCW-4	12/31/97	78.05	---	32.63	---	45.42
WCW-4	05/01/98	78.05	---	31.10	---	46.95
WCW-4	05/03/99	78.05	---	30.25	---	47.80
WCW-4	08/09/99	78.05	---	30.45	---	47.60

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-4	11/15/99	78.05	---	30.85	---	47.20
WCW-4	05/15/00	78.05	---	34.00	---	44.05
WCW-4	11/13/00	78.05	---	30.69	---	47.36
WCW-4	05/07/01	78.05	---	31.16	---	46.89
WCW-4	04/08/02	78.05	---	30.25	---	47.80
WCW-4	10/21/02	78.05	---	30.46	---	47.59
WCW-4	04/07/03	78.05	---	30.38	---	47.67
WCW-4	10/06/03	78.05	---	30.31	---	47.74
WCW-4	05/10/04	78.05	---	30.61	---	47.44
WCW-4	11/01/04	78.05	---	30.98	---	47.07
WCW-4	05/02/05	78.05	---	28.52	---	49.53
WCW-4	08/01/05	78.05	---	27.84	---	50.21
WCW-4	05/01/06	78.05	---	27.90	---	50.15
WCW-4	12/01/06	78.05	---	28.54	---	49.51
WCW-4	04/30/07	78.05	---	28.50	---	49.55
WCW-4	11/12/07	78.05	---	29.23	---	48.82
WCW-4	04/14/08	78.05	---	29.12	---	48.93
WCW-4	10/14/08	78.05	---	29.96	---	48.09
WCW-4	04/20/09	78.05	---	30.20	---	47.85
WCW-4	10/19/09	78.05	---	30.83	---	47.22
WCW-4	01/12/10	78.05	---	31.40	---	46.65
WCW-4	05/24/10	78.05	---	31.26	---	46.79
WCW-4	05/28/10	78.05	---	31.23	---	46.82
WCW-4	01/08/11	78.05	---	31.57	---	46.48
WCW-4	04/08/11	78.05	---	29.98	---	48.07
WCW-4	04/11/11	78.05	---	30.88	---	47.17
WCW-4	07/07/11	78.05	---	30.86	---	47.19
WCW-4	10/06/11	78.05	---	30.96	---	47.09
WCW-4	04/16/12	78.05	---	31.17	---	46.88
WCW-4	07/09/12	78.05	---	NM	---	NC
WCW-4	10/15/12	78.05	---	NM	---	NC
WCW-4	04/08/13	78.05	---	32.12	---	45.93
WCW-4	10/07/13	78.05	---	32.78	---	45.27
WCW-4	04/14/14	78.05	---	33.54	---	44.51
WCW-4	10/27/14	78.05	---	34.21	---	43.84
WCW-4	04/20/15	78.05	---	34.52	---	43.53
WCW-4	10/19/15	78.05	---	35.10	---	42.95
WCW-4	04/11/16	78.05	---	35.60	---	42.45
WCW-4	10/03/16	78.05	---	36.10	---	41.95
WCW-4	10/03/16	78.05	---	36.10	---	41.95
WCW-4	04/17/17	78.05	---	36.61	---	41.44
WCW-4	10/02/17	78.05	---	36.79	---	41.26
WCW-4	04/16/18	78.05	---	37.20	---	40.85
WCW-5	05/28/96	73.49	---	26.63	---	46.86
WCW-5	11/20/96	73.49	---	26.94	---	46.55
WCW-5	07/01/97	73.49	---	27.65	---	45.84
WCW-5	12/31/97	73.49	---	27.10	---	46.39
WCW-5	05/01/98	73.49	---	25.28	---	48.21
WCW-5	05/04/99	73.49	---	24.80	---	48.69
WCW-5	08/09/99	73.49	---	25.11	---	48.38
WCW-5	11/15/99	73.49	---	25.46	---	48.03
WCW-5	05/15/00	73.49	---	25.14	---	48.35
WCW-5	11/13/00	73.49	---	25.95	---	47.54
WCW-5	05/07/01	73.49	---	24.82	---	48.67
WCW-5	04/08/02	73.49	---	24.85	---	48.64

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-5	10/21/02	73.49	---	29.34	---	44.15
WCW-5	04/07/03	73.49	---	25.38	---	48.11
WCW-5	10/06/03	73.49	---	25.27	---	48.22
WCW-5	05/10/04	73.49	---	25.90	---	47.59
WCW-5	11/01/04	73.49	---	26.09	---	47.40
WCW-5	05/02/05	73.49	---	23.44	---	50.05
WCW-5	05/01/06	73.49	---	22.85	---	50.64
WCW-5	12/01/06	73.49	---	23.80	---	49.69
WCW-5	04/30/07	73.49	---	23.56	---	49.93
WCW-5	11/12/07	73.49	---	24.15	---	49.34
WCW-5	04/14/08	73.49	---	24.20	---	49.29
WCW-5	10/14/08	73.49	---	24.82	---	48.67
WCW-5	04/20/09	73.49	---	24.97	---	48.52
WCW-5	10/19/09	73.49	---	25.71	---	47.78
WCW-5	01/12/10	73.49	---	26.53	---	46.96
WCW-5	05/24/10	73.49	---	25.70	---	47.79
WCW-5	05/28/10	73.49	---	25.65	---	47.84
WCW-5	01/08/11	73.49	---	26.15	---	47.34
WCW-5	04/08/11	73.49	---	25.32	---	48.17
WCW-5	04/11/11	73.49	---	25.23	---	48.26
WCW-5	07/07/11	73.49	---	24.85	---	48.64
WCW-5	10/06/11	73.49	---	25.18	---	48.31
WCW-5	04/16/12	73.49	---	25.92	---	47.57
WCW-5	07/09/12	73.49	---	NM	---	NC
WCW-5	10/15/12	73.49	---	NM	---	NC
WCW-5	04/08/13	73.49	---	27.17	---	46.32
WCW-5	10/07/13	73.49	---	28.62	---	44.87
WCW-5	04/14/14	73.49	---	28.76	---	44.73
WCW-5	10/27/14	73.49	---	29.51	---	43.98
WCW-5	04/20/15	73.49	---	29.93	---	43.56
WCW-5	10/19/15	73.49	---	30.77	---	42.72
WCW-5	04/11/16	73.49	---	31.48	---	42.01
WCW-5	10/03/16	73.49	---	32.20	---	41.29
WCW-5	10/03/16	73.49	---	32.20	---	41.29
WCW-5	04/17/17	73.49	---	31.21	---	42.28
WCW-5	10/02/17	73.49	---	32.34	---	41.15
WCW-5	04/16/18	73.49	---	32.90	---	40.59
WCW-6	05/28/96	75.52	---	28.91	---	46.61
WCW-6	11/20/96	75.52	---	29.55	---	45.97
WCW-6	07/01/97	75.52	---	30.17	---	45.35
WCW-6	12/31/97	75.52	---	29.46	---	46.06
WCW-6	05/01/98	75.52	---	27.67	---	47.85
WCW-6	05/04/99	75.52	---	27.38	---	48.14
WCW-6	08/09/99	75.52	---	27.82	---	47.70
WCW-6	11/15/99	75.52	---	27.90	---	47.62
WCW-6	05/15/00	75.52	---	27.68	---	47.84
WCW-6	11/13/00	75.52	---	28.67	---	46.85
WCW-6	05/07/01	75.52	---	27.21	---	48.31
WCW-6	04/08/02	75.52	---	27.52	---	48.00
WCW-6	10/21/02	75.52	---	27.72	---	47.80
WCW-6	04/07/03	75.52	---	27.63	---	47.89
WCW-6	10/06/03	75.52	---	27.75	---	47.77
WCW-6	05/10/04	75.52	---	28.35	---	47.17
WCW-6	11/01/04	75.52	---	28.51	---	47.01
WCW-6	05/02/05	75.52	---	25.64	---	49.88

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-6	05/01/06	75.52	---	25.10	---	50.42
WCW-6	12/01/06	75.52	---	26.06	---	49.46
WCW-6	04/30/07	75.52	---	25.79	---	49.73
WCW-6	11/12/07	75.52	---	26.44	---	49.08
WCW-6	04/14/08	75.52	---	26.41	---	49.11
WCW-6	10/14/08	75.52	---	27.13	---	48.39
WCW-6	04/20/09	75.52	---	27.40	---	48.12
WCW-6	10/19/09	75.52	---	27.87	---	47.65
WCW-6	01/12/10	75.52	---	28.24	---	47.28
WCW-6	05/24/10	75.52	---	28.10	---	47.42
WCW-6	05/28/10	75.52	---	28.02	---	47.50
WCW-6	01/08/11	75.52	---	28.58	---	46.94
WCW-6	04/08/11	75.52	---	27.55	---	47.97
WCW-6	04/11/11	75.52	---	27.41	---	48.11
WCW-6	07/07/11	75.52	---	27.19	---	48.33
WCW-6	10/06/11	75.52	---	27.62	---	47.90
WCW-6	10/10/11	75.52	---	27.33	---	48.19
WCW-6	04/16/12	75.52	---	28.33	---	47.19
WCW-6	07/09/12	75.52	---	NM	---	NC
WCW-6	10/15/12	75.52	---	NM	---	NC
WCW-6	04/08/13	75.52	---	29.59	---	45.93
WCW-6	10/07/13	75.52	---	30.56	---	44.96
WCW-6	04/14/14	75.52	---	31.12	---	44.40
WCW-6	10/27/14	75.52	---	31.69	---	43.83
WCW-6	04/20/15	75.52	---	32.08	---	43.44
WCW-6	10/19/15	75.52	---	32.82	---	42.70
WCW-6	04/11/16	75.52	---	33.53	---	41.99
WCW-6	10/03/16	75.52	---	34.00	---	41.52
WCW-6	10/03/16	75.52	---	34.00	---	41.52
WCW-6	04/17/17	75.52	---	33.51	---	42.01
WCW-6	10/02/17	75.52	---	34.22	---	41.30
WCW-6	04/16/18	75.52	---	34.70	---	40.82
WCW-7	05/28/96	76.44	---	28.91	---	47.53
WCW-7	11/20/96	76.44	---	30.55	---	45.89
WCW-7	07/01/97	76.44	---	31.50	---	44.94
WCW-7	12/31/97	76.44	---	30.79	---	45.65
WCW-7	05/01/98	76.44	---	28.81	---	47.63
WCW-7	05/04/99	76.44	---	29.26	---	47.18
WCW-7	08/09/99	76.44	---	29.75	---	46.69
WCW-7	11/15/99	76.44	---	29.86	---	46.58
WCW-7	05/15/00	76.44	---	29.02	---	47.42
WCW-7	11/13/00	76.44	---	29.69	---	46.75
WCW-7	02/05/01	76.44	---	29.10	---	47.34
WCW-7	05/07/01	76.44	---	28.48	---	47.96
WCW-7	09/18/01	76.44	---	28.18	---	48.26
WCW-7	01/29/02	76.44	---	28.64	---	47.80
WCW-7	04/08/02	76.44	---	29.03	---	47.41
WCW-7	07/29/02	76.44	---	28.94	---	47.50
WCW-7	10/21/02	76.44	---	28.93	---	47.51
WCW-7	01/27/03	76.44	---	28.70	---	47.74
WCW-7	04/07/03	76.44	---	28.72	---	47.72
WCW-7	07/31/03	76.44	---	28.67	---	47.77
WCW-7	10/06/03	76.44	---	29.03	---	47.41
WCW-7	01/27/04	76.44	---	28.98	---	47.46
WCW-7	05/10/04	76.44	---	29.46	---	46.98

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-7	07/19/04	76.44	---	30.18	---	46.26
WCW-7	11/01/04	76.44	---	29.56	---	46.88
WCW-7	02/01/05	76.44	---	28.76	---	47.68
WCW-7	05/02/05	76.44	---	26.51	---	49.93
WCW-7	08/01/05	76.44	---	25.72	---	50.72
WCW-7	02/27/06	76.44	---	25.09	---	51.35
WCW-7	05/01/06	76.44	---	26.41	---	50.03
WCW-7	09/18/06	76.44	---	26.72	---	49.72
WCW-7	12/01/06	76.44	---	27.13	---	49.31
WCW-7	03/12/07	76.44	---	27.28	---	49.16
WCW-7	04/30/07	76.44	---	26.96	---	49.48
WCW-7	08/28/07	76.44	---	26.70	---	49.74
WCW-7	11/12/07	76.44	---	27.67	---	48.77
WCW-7	02/19/08	76.44	---	27.69	---	48.75
WCW-7	04/14/08	76.44	---	27.56	---	48.88
WCW-7	08/11/08	76.44	---	28.00	---	48.44
WCW-7	10/16/08	76.44	---	28.53	---	47.91
WCW-7	04/20/09	76.44	---	28.72	---	47.72
WCW-7	07/20/09	76.44	---	28.94	---	47.50
WCW-7	10/19/09	76.44	---	29.29	---	47.15
WCW-7	01/12/10	76.44	---	29.94	---	46.50
WCW-7	03/15/10	76.44	---	30.00	---	46.44
WCW-7	05/24/10	76.44	---	29.75	---	46.69
WCW-7	05/28/10	76.44	---	29.65	---	46.79
WCW-7	10/04/10	76.44	---	29.53	---	46.91
WCW-7	01/08/11	76.44	---	30.23	---	46.21
WCW-7	01/10/11	76.44	---	29.87	---	46.57
WCW-7	04/08/11	76.44	---	29.04	---	47.40
WCW-7	04/11/11	76.44	---	28.90	---	47.54
WCW-7	07/07/11	76.44	---	28.96	---	47.48
WCW-7	07/11/11	76.44	---	28.74	---	47.70
WCW-7	10/10/11	76.44	---	28.93	---	47.51
WCW-7	01/09/12	76.44	---	29.35	---	47.09
WCW-7	04/16/12	76.44	---	29.17	---	47.27
WCW-7	07/09/12	76.44	---	28.34	---	48.10
WCW-7	10/15/12	76.44	---	30.41	---	46.03
WCW-7	01/14/13	76.44	---	30.88	---	45.56
WCW-7	04/08/13	76.44	---	30.91	---	45.53
WCW-7	10/07/13	76.44	---	32.25	---	44.19
WCW-7	04/14/14	76.44	---	32.46	---	43.98
WCW-7	10/27/14	76.44	---	32.88	---	43.56
WCW-7	04/20/15	76.44	---	33.22	---	43.22
WCW-7	10/19/15	76.44	---	34.05	---	42.39
WCW-7	04/11/16	76.44	---	34.46	---	41.98
WCW-7	10/03/16	76.44	---	34.22	---	42.22
WCW-7	10/03/16	76.44	---	34.22	---	42.22
WCW-7	04/17/17	76.44	---	DRY	---	NC
WCW-7	10/02/17	76.44	---	35.34	---	41.10
WCW-7	04/16/18	76.44	---	35.49	---	40.95
WCW-8	05/28/96	77.34	---	31.45	---	45.89
WCW-8	11/20/96	77.34	---	31.59	---	45.75
WCW-8	07/01/97	77.34	---	32.38	---	44.96
WCW-8	12/31/97	77.34	---	31.81	---	45.53
WCW-8	05/01/98	77.34	---	30.04	---	47.30
WCW-8	05/04/99	77.34	---	30.21	---	47.13

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-8	08/09/99	77.34	---	30.49	---	46.85
WCW-8	11/15/99	77.34	---	30.81	---	46.53
WCW-8	05/15/00	77.34	---	29.88	---	47.46
WCW-8	08/28/00	77.34	---	30.23	---	47.11
WCW-8	11/13/00	77.34	---	30.26	---	47.08
WCW-8	02/05/01	77.34	---	30.01	---	47.33
WCW-8	05/07/01	77.34	---	29.42	---	47.92
WCW-8	09/18/01	77.34	---	29.11	---	48.23
WCW-8	01/29/02	77.34	---	29.45	---	47.89
WCW-8	04/08/02	77.34	---	29.77	---	47.57
WCW-8	10/21/02	77.34	---	29.84	---	47.50
WCW-8	04/07/03	77.34	---	29.71	---	47.63
WCW-8	10/06/03	77.34	---	29.75	---	47.59
WCW-8	05/10/04	77.34	---	29.99	---	47.35
WCW-8	11/01/04	77.34	---	30.36	---	46.98
WCW-8	05/02/05	77.34	---	27.42	---	49.92
WCW-8	05/01/06	77.34	---	27.18	---	50.16
WCW-8	12/01/06	77.34	---	27.91	---	49.43
WCW-8	04/30/07	77.34	---	27.82	---	49.52
WCW-8	11/12/07	77.34	---	28.62	---	48.72
WCW-8	04/14/08	77.34	---	28.53	---	48.81
WCW-8	10/16/08	77.34	---	29.52	---	47.82
WCW-8	04/20/09	77.34	---	29.40	---	47.94
WCW-8	10/19/09	77.34	---	30.10	---	47.24
WCW-8	01/12/10	77.34	---	31.30	---	46.04
WCW-8	05/24/10	77.34	---	30.75	---	46.59
WCW-8	05/28/10	77.34	---	30.74	---	46.60
WCW-8	01/08/11	77.34	---	31.27	---	46.07
WCW-8	04/08/11	77.34	---	30.15	---	47.19
WCW-8	04/11/11	77.34	---	30.03	---	47.31
WCW-8	07/07/11	77.34	---	30.07	---	47.27
WCW-8	10/06/11	77.34	---	30.27	---	47.07
WCW-8	04/16/12	77.34	---	30.76	---	46.58
WCW-8	07/09/12	77.34	---	NM	---	NC
WCW-8	10/15/12	77.34	---	NM	---	NC
WCW-8	04/08/13	77.34	---	31.62	---	45.72
WCW-8	10/07/13	77.34	---	32.42	---	44.92
WCW-8	04/14/14	77.34	---	33.53	---	43.81
WCW-8	10/27/14	77.34	---	33.75	---	43.59
WCW-8	04/20/15	77.34	---	34.05	---	43.29
WCW-8	10/19/15	77.34	---	34.78	---	42.56
WCW-8	04/11/16	77.34	---	35.17	---	42.17
WCW-8	10/03/16	77.34	---	35.70	---	41.64
WCW-8	10/03/16	77.34	---	35.70	---	41.64
WCW-8	04/17/17	77.34	---	36.00	---	41.34
WCW-8	10/02/17	77.34	---	36.14	---	41.20
WCW-8	04/16/18	77.34	---	36.56	---	40.78
WCW-9	05/28/96	77.74	---	31.98	---	45.76
WCW-9	11/20/96	77.74	---	32.13	---	45.61
WCW-9	07/01/97	77.74	---	32.47	---	45.27
WCW-9	12/31/97	77.74	---	32.22	---	45.52
WCW-9	05/01/98	77.74	---	30.75	---	46.99
WCW-9	05/04/99	77.74	---	30.16	---	47.58
WCW-9	08/09/99	77.74	---	30.44	---	47.30
WCW-9	11/15/99	77.74	---	30.79	---	46.95

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-9	05/15/00	77.74	---	30.32	---	47.42
WCW-9	11/13/00	77.74	---	30.59	---	47.15
WCW-9	05/07/01	77.74	---	29.92	---	47.82
WCW-9	04/08/02	77.74	---	30.07	---	47.67
WCW-9	10/21/02	77.74	---	30.36	---	47.38
WCW-9	04/07/03	77.74	---	30.23	---	47.51
WCW-9	10/06/03	77.74	---	30.20	---	47.54
WCW-9	05/10/04	77.74	---	30.35	---	47.39
WCW-9	11/01/04	77.74	---	30.77	---	46.97
WCW-9	05/02/05	77.74	---	27.80	---	49.94
WCW-9	05/01/06	77.74	---	27.61	---	50.13
WCW-9	12/01/06	77.74	---	28.54	---	49.20
WCW-9	04/30/07	77.74	---	28.36	---	49.38
WCW-9	11/12/07	77.74	---	29.24	---	48.50
WCW-9	04/14/08	77.74	---	29.11	---	48.63
WCW-9	10/16/08	77.74	---	29.98	---	47.76
WCW-9	04/20/09	77.74	---	29.96	---	47.78
WCW-9	01/12/10	77.74	---	NM	---	NC
WCW-9	05/24/10	77.74	---	31.02	---	46.72
WCW-9	05/28/10	77.74	---	31.00	---	46.74
WCW-9	10/01/10	77.74	---	31.00	---	46.74
WCW-9	01/08/11	77.74	---	31.37	---	46.37
WCW-9	04/11/11	77.74	---	30.68	---	47.06
WCW-9	04/12/11	77.74	---	30.78	---	46.96
WCW-9	07/07/11	77.74	---	30.66	---	47.08
WCW-9	10/06/11	77.74	---	30.82	---	46.92
WCW-9	04/16/12	77.74	---	31.15	---	46.59
WCW-9	07/09/12	77.74	---	NM	---	NC
WCW-9	10/15/12	77.74	---	NM	---	NC
WCW-9	04/08/13	77.74	---	31.73	---	46.01
WCW-9	10/07/13	77.74	---	33.04	---	44.70
WCW-9	04/14/14	77.74	---	33.24	---	44.50
WCW-9	10/27/14	77.74	---	34.10	---	43.64
WCW-9	04/20/15	77.74	---	33.92	---	43.82
WCW-9	10/19/15	77.74	---	34.91	---	42.83
WCW-9	04/11/16	77.74	---	35.52	---	42.22
WCW-9	10/03/16	77.74	---	35.29	---	42.45
WCW-9	10/03/16	77.74	---	35.29	---	42.45
WCW-9	04/17/17	77.74	---	35.10	---	42.64
WCW-9	10/02/17	77.74	---	36.49	---	41.25
WCW-9	04/16/18	77.74	---	36.82	---	40.92
WCW-10	05/28/96	74.06	---	27.71	---	46.35
WCW-10	11/20/96	74.06	---	27.61	---	46.45
WCW-10	07/01/97	74.06	---	27.23	---	46.83
WCW-10	12/31/97	74.06	---	27.21	---	46.85
WCW-10	05/01/98	74.06	---	23.22	---	50.84
WCW-10	05/04/99	74.06	---	24.52	---	49.54
WCW-10	08/09/99	74.06	---	24.63	---	49.43
WCW-10	11/15/99	74.06	---	24.89	---	49.17
WCW-10	05/15/00	74.06	---	25.50	---	48.56
WCW-10	11/13/00	74.06	---	25.18	---	48.88
WCW-10	05/07/01	74.06	---	24.66	---	49.40
WCW-10	04/08/02	74.06	---	24.71	---	49.35
WCW-10	10/21/02	74.06	---	25.20	---	48.86
WCW-10	04/07/03	74.06	---	25.23	---	48.83

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-10	05/10/04	74.06	---	25.41	---	48.65
WCW-10	11/01/04	74.06	---	25.66	---	48.40
WCW-10	05/02/05	74.06	---	23.47	---	50.59
WCW-10	05/01/06	74.06	---	23.17	---	50.89
WCW-10	04/30/07	74.06	---	23.74	---	50.32
WCW-10	11/12/07	74.06	---	24.41	---	49.65
WCW-10	10/14/08	74.06	---	24.95	---	49.11
WCW-10	04/20/09	74.06	---	24.90	---	49.16
WCW-10	01/12/10	74.06	---	26.40	---	47.66
WCW-10	05/24/10	74.06	---	25.70	---	48.36
WCW-10	05/28/10	74.06	---	25.67	---	48.39
WCW-10	10/01/10	74.06	---	25.86	---	48.20
WCW-10	01/08/11	74.06	---	25.92	---	48.14
WCW-10	04/08/11	74.06	---	25.62	---	48.44
WCW-10	04/11/11	74.06	---	25.55	---	48.51
WCW-10	07/07/11	74.06	---	25.40	---	48.66
WCW-10	10/06/11	74.06	---	25.41	---	48.65
WCW-10	04/16/12	74.06	---	25.80	---	48.26
WCW-10	07/09/12	74.06	---	NM	---	NC
WCW-10	10/15/12	74.06	---	NM	---	NC
WCW-10	04/08/13	74.06	---	26.73	---	47.33
WCW-10	10/07/13	74.06	---	28.01	---	46.05
WCW-10	04/14/14	74.06	---	28.00	---	46.06
WCW-10	10/27/14	74.06	---	28.95	---	45.11
WCW-10	04/20/15	74.06	---	29.17	---	44.89
WCW-10	10/19/15	74.06	---	30.00	---	44.06
WCW-10	04/11/16	74.06	---	30.79	---	43.27
WCW-10	10/03/16	74.06	---	31.81	---	42.25
WCW-10	10/03/16	74.06	---	31.81	---	42.25
WCW-10	04/17/17	74.06	---	32.13	---	41.93
WCW-10	10/02/17	74.06	---	32.52	---	41.54
WCW-10	04/16/18	74.06	---	33.20	---	40.86
WCW-11	05/28/96	75.29	---	29.30	---	45.99
WCW-11	11/20/96	75.29	---	29.24	---	46.05
WCW-11	07/01/97	75.29	---	28.91	---	46.38
WCW-11	12/31/97	75.29	---	29.14	---	46.15
WCW-11	05/01/98	75.29	---	26.04	---	49.25
WCW-11	05/04/99	75.29	---	26.63	---	48.66
WCW-11	08/09/99	75.29	---	26.30	---	48.99
WCW-11	11/15/99	75.29	---	26.55	---	48.74
WCW-11	05/15/00	75.29	---	26.91	---	48.38
WCW-11	11/13/00	75.29	---	26.77	---	48.52
WCW-11	05/07/01	75.29	---	26.65	---	48.64
WCW-11	04/08/02	75.29	---	26.45	---	48.84
WCW-11	10/21/02	75.29	---	26.72	---	48.57
WCW-11	04/07/03	75.29	---	26.78	---	48.51
WCW-11	05/10/04	75.29	---	26.89	---	48.40
WCW-11	11/01/04	75.29	---	27.22	---	48.07
WCW-11	05/02/05	75.29	---	25.23	---	50.06
WCW-11	05/01/06	75.29	---	24.45	---	50.84
WCW-11	04/30/07	75.29	---	25.18	---	50.11
WCW-11	11/12/07	75.29	---	25.97	---	49.32
WCW-11	10/16/08	75.29	---	26.61	---	48.68
WCW-11	04/20/09	75.29	---	26.62	---	48.67
WCW-11	01/12/10	75.29	---	27.83	---	47.46

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-11	05/24/10	75.29	---	27.77	---	47.52
WCW-11	05/28/10	75.29	---	27.46	---	47.83
WCW-11	10/01/10	75.29	---	27.65	---	47.64
WCW-11	01/08/11	75.29	---	27.67	---	47.62
WCW-11	04/08/11	75.29	---	27.39	---	47.90
WCW-11	04/11/11	75.29	---	27.43	---	47.86
WCW-11	07/07/11	75.29	27.18	27.19	0.01	48.11
WCW-11	10/06/11	75.29	---	27.11	---	48.18
WCW-11	04/16/12	75.29	---	27.56	---	47.73
WCW-11	07/09/12	75.29	---	NM	---	NC
WCW-11	10/15/12	75.29	---	NM	---	NC
WCW-11	04/08/13	75.29	---	26.91	---	48.38
WCW-11	10/07/13	75.29	---	29.54	---	45.75
WCW-11	04/14/14	75.29	---	29.79	---	45.50
WCW-11	10/27/14	75.29	---	30.61	---	44.68
WCW-11	04/20/15	75.29	---	31.19	---	44.10
WCW-11	10/19/15	75.29	---	32.02	---	43.27
WCW-11	04/11/16	75.29	---	32.67	---	42.62
WCW-11	10/03/16	75.29	---	33.31	---	41.98
WCW-11	10/03/16	75.29	---	33.31	---	41.98
WCW-11	04/17/17	75.29	---	33.65	---	41.64
WCW-11	10/02/17	75.29	---	34.14	---	41.15
WCW-11	04/16/18	75.29	---	34.85	---	40.44
WCW-12	05/28/96	76.27	---	30.94	---	45.33
WCW-12	11/20/96	76.27	---	30.89	---	45.38
WCW-12	07/01/97	76.27	---	30.34	---	45.93
WCW-12	12/31/97	76.27	---	30.59	---	45.68
WCW-12	05/01/98	76.27	---	29.31	---	46.96
WCW-12	05/04/99	76.27	---	27.63	---	48.64
WCW-12	08/09/99	76.27	---	27.81	---	48.46
WCW-12	11/15/99	76.27	---	28.20	---	48.07
WCW-12	05/15/00	76.27	---	28.17	---	48.10
WCW-12	11/13/00	76.27	---	28.21	---	48.06
WCW-12	05/07/01	76.27	---	27.79	---	48.48
WCW-12	04/08/02	76.27	---	27.70	---	48.57
WCW-12	10/21/02	76.27	---	28.24	---	48.03
WCW-12	04/07/03	76.27	---	28.23	---	48.04
WCW-12	05/10/04	76.27	---	28.34	---	47.93
WCW-12	11/01/04	76.27	---	28.74	---	47.53
WCW-12	05/02/05	76.27	---	26.61	---	49.66
WCW-12	05/01/06	76.27	---	25.95	---	50.32
WCW-12	12/01/06	76.27	---	26.39	---	49.88
WCW-12	04/30/07	76.27	---	26.39	---	49.88
WCW-12	11/12/07	76.27	---	27.15	---	49.12
WCW-12	04/14/08	76.27	---	27.14	---	49.13
WCW-12	10/16/08	76.27	---	27.93	---	48.34
WCW-12	04/20/09	76.27	---	27.82	---	48.45
WCW-12	10/19/09	76.27	---	28.52	---	47.75
WCW-12	01/12/10	76.27	---	29.04	---	47.23
WCW-12	05/24/10	76.27	---	28.90	---	47.37
WCW-12	05/28/10	76.27	---	28.90	---	47.37
WCW-12	01/08/11	76.27	---	29.16	---	47.11
WCW-12	04/08/11	76.27	---	28.79	---	47.48
WCW-12	04/11/11	76.27	---	28.70	---	47.57
WCW-12	07/07/11	76.27	---	28.60	---	47.67

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-12	10/06/11	76.27	---	28.55	---	47.72
WCW-12	04/16/12	76.27	---	29.05	---	47.22
WCW-12	07/09/12	76.27	---	NM	---	NC
WCW-12	10/15/12	76.27	---	NM	---	NC
WCW-12	04/08/13	76.27	---	29.98	---	46.29
WCW-12	10/07/13	76.27	---	31.13	---	45.14
WCW-12	04/14/14	76.27	---	31.30	---	44.97
WCW-12	10/27/14	76.27	---	32.35	---	43.92
WCW-12	04/20/15	76.27	---	32.62	---	43.65
WCW-12	10/19/15	76.27	---	33.32	---	42.95
WCW-12	04/11/16	76.27	---	34.06	---	42.21
WCW-12	10/03/16	76.27	---	34.60	---	41.67
WCW-12	10/03/16	76.27	---	34.60	---	41.67
WCW-12	04/17/17	76.27	---	35.00	---	41.27
WCW-12	10/02/17	76.27	---	35.22	---	41.05
WCW-12	04/16/18	76.27	---	35.72	---	40.55
WCW-13	05/28/96	77.70	---	32.61	---	45.09
WCW-13	11/20/96	77.70	---	32.51	---	45.19
WCW-13	07/01/97	77.70	---	32.44	---	45.26
WCW-13	12/31/97	77.70	---	32.24	---	45.46
WCW-13	05/01/98	77.70	---	30.90	---	46.80
WCW-13	05/04/99	77.70	---	29.39	---	48.31
WCW-13	08/09/99	77.70	---	30.82	---	46.88
WCW-13	11/15/99	77.70	---	29.96	---	47.74
WCW-13	05/15/00	77.70	---	29.83	---	47.87
WCW-13	08/28/00	77.70	---	29.92	---	47.78
WCW-13	11/13/00	77.70	---	29.96	---	47.74
WCW-13	02/05/01	77.70	---	30.15	---	47.55
WCW-13	05/07/01	77.70	---	29.80	---	47.90
WCW-13	09/18/01	77.70	---	29.25	---	48.45
WCW-13	01/29/02	77.70	---	29.40	---	48.30
WCW-13	04/08/02	77.70	---	29.51	---	48.19
WCW-13	07/29/02	77.70	---	29.71	---	47.99
WCW-13	10/21/02	77.70	---	29.94	---	47.76
WCW-13	01/27/03	77.70	---	30.00	---	47.70
WCW-13	04/07/03	77.70	---	30.02	---	47.68
WCW-13	07/31/03	77.70	---	29.80	---	47.90
WCW-13	01/27/04	77.70	---	30.01	---	47.69
WCW-13	05/10/04	77.70	---	30.10	---	47.60
WCW-13	07/19/04	77.70	---	29.22	---	48.48
WCW-13	11/01/04	77.70	---	30.44	---	47.26
WCW-13	02/01/05	77.70	---	30.15	---	47.55
WCW-13	05/02/05	77.70	---	28.35	---	49.35
WCW-13	08/01/05	77.70	---	27.66	---	50.04
WCW-13	02/27/06	77.70	---	27.46	---	50.24
WCW-13	05/01/06	77.70	---	27.57	---	50.13
WCW-13	09/18/06	77.70	---	27.66	---	50.04
WCW-13	12/01/06	77.70	---	28.10	---	49.60
WCW-13	03/12/07	77.70	---	28.00	---	49.70
WCW-13	04/30/07	77.70	---	28.06	---	49.64
WCW-13	08/28/07	77.70	---	28.31	---	49.39
WCW-13	11/12/07	77.70	---	28.79	---	48.91
WCW-13	02/19/08	77.70	---	28.80	---	48.90
WCW-13	04/14/08	77.70	---	28.78	---	48.92
WCW-13	08/11/08	77.70	---	29.12	---	48.58

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-13	10/16/08	77.70	---	29.62	---	48.08
WCW-13	04/20/09	77.70	---	29.61	---	48.09
WCW-13	07/20/09	77.70	---	30.20	---	47.50
WCW-13	10/19/09	77.70	---	30.26	---	47.44
WCW-13	01/12/10	77.70	---	31.56	---	46.14
WCW-13	03/15/10	77.70	---	31.34	---	46.36
WCW-13	05/24/10	77.70	---	30.65	---	47.05
WCW-13	05/28/10	77.70	---	30.68	---	47.02
WCW-13	10/04/10	77.70	---	30.61	---	47.09
WCW-13	01/08/11	77.70	---	31.00	---	46.70
WCW-13	01/10/11	77.70	---	30.96	---	46.74
WCW-13	04/08/11	77.70	---	29.59	---	48.11
WCW-13	04/11/11	77.70	---	30.52	---	47.18
WCW-13	07/07/11	77.70	---	30.42	---	47.28
WCW-13	07/11/11	77.70	---	30.24	---	47.46
WCW-13	10/10/11	77.70	---	30.30	---	47.40
WCW-13	01/09/12	77.70	---	30.24	---	47.46
WCW-13	04/16/12	77.70	---	30.81	---	46.89
WCW-13	07/09/12	77.70	---	31.05	---	46.65
WCW-13	10/15/12	77.70	---	31.38	---	46.32
WCW-13	01/14/13	77.70	---	31.54	---	46.16
WCW-13	04/08/13	77.70	---	31.67	---	46.03
WCW-13	10/07/13	77.70	---	32.66	---	45.04
WCW-13	04/14/14	77.70	---	32.94	---	44.76
WCW-13	10/27/14	77.70	---	33.67	---	44.03
WCW-13	04/20/15	77.70	---	34.10	---	43.60
WCW-13	10/19/15	77.70	---	34.75	---	42.95
WCW-13	04/11/16	77.70	---	35.32	---	42.38
WCW-13	10/03/16	77.70	---	36.03	---	41.67
WCW-13	10/03/16	77.70	---	36.03	---	41.67
WCW-13	04/17/17	77.70	---	36.83	---	40.87
WCW-13	10/02/17	77.70	---	36.64	---	41.06
WCW-13	04/16/18	77.70	---	37.10	---	40.60
WCW-14	05/03/99	78.81	---	30.67	---	48.14
WCW-14	08/09/99	78.81	---	30.83	---	47.98
WCW-14	11/15/99	78.81	---	31.19	---	47.62
WCW-14	05/15/00	78.81	---	31.02	---	47.79
WCW-14	11/13/00	78.81	---	31.26	---	47.55
WCW-14	05/07/01	78.81	---	30.85	---	47.96
WCW-14	04/08/02	78.81	---	30.71	---	48.10
WCW-14	10/21/02	78.81	---	31.07	---	47.74
WCW-14	04/07/03	78.81	---	31.11	---	47.70
WCW-14	05/10/04	78.81	---	31.29	---	47.52
WCW-14	11/01/04	78.81	---	31.59	---	47.22
WCW-14	05/02/05	78.81	---	29.38	---	49.43
WCW-14	05/01/06	78.81	---	28.59	---	50.22
WCW-14	12/01/06	78.81	---	29.22	---	49.59
WCW-14	04/30/07	78.81	---	29.16	---	49.65
WCW-14	11/12/07	78.81	---	29.90	---	48.91
WCW-14	04/14/08	78.81	---	29.85	---	48.96
WCW-14	10/16/08	78.81	---	30.74	---	48.07
WCW-14	04/20/09	78.81	---	30.83	---	47.98
WCW-14	10/19/09	78.81	---	31.32	---	47.49
WCW-14	01/12/10	78.81	---	32.24	---	46.57
WCW-14	05/24/10	78.81	---	31.87	---	46.94

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-14	05/28/10	78.81	---	31.84	---	46.97
WCW-14	01/08/11	78.81	---	32.13	---	46.68
WCW-14	04/08/11	78.81	---	31.57	---	47.24
WCW-14	04/11/11	78.81	---	31.66	---	47.15
WCW-14	07/07/11	78.81	---	31.60	---	47.21
WCW-14	10/06/11	78.81	---	31.57	---	47.24
WCW-14	04/16/12	78.81	---	31.97	---	46.84
WCW-14	07/09/12	78.81	---	NM	---	NC
WCW-14	10/15/12	78.81	---	NM	---	NC
WCW-14	04/08/13	78.81	---	32.71	---	46.10
WCW-14	10/07/13	78.81	---	33.41	---	45.40
WCW-14	04/14/14	78.81	---	34.01	---	44.80
WCW-14	10/27/14	78.81	---	34.67	---	44.14
WCW-14	04/20/15	78.81	---	35.09	---	43.72
WCW-14	10/19/15	78.81	---	35.71	---	43.10
WCW-14	04/11/16	78.81	---	36.22	---	42.59
WCW-14	10/03/16	78.81	---	36.70	---	42.11
WCW-14	10/03/16	78.81	---	36.70	---	42.11
WCW-14	04/17/17	78.81	---	37.40	---	41.41
WCW-14	10/02/17	78.81	---	37.60	---	41.21
WCW-14	04/16/18	78.81	---	37.91	---	40.90

Notes:

--- = not detected or applicable

DRY = no measurable water observed in the well

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

feet btoc = feet below top of casing

NC = not calculated

NM = not measured

Appendix D
Historical Analytical Results for
TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE,
ETBE, and TAME in Groundwater –
November 1996 through April 2018

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter ($\mu\text{g/L}$)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
BW-1	05/24/97	<100	---	<50	---	---	<0.30	<0.50	<0.30	<0.60	100	<5	---	---	---	---
BW-2	05/24/97	<100	---	<50	---	---	<0.30	<0.50	<0.30	1.4	85	<5	---	---	---	---
BW-3	05/24/97	<100	---	300	---	---	<0.30	<0.50	<0.30	<0.60	490	74	---	---	---	---
BW-4	05/28/97	960	---	560	---	---	160	2.4	200	9.2	20	850	---	---	---	---
BW-5	05/28/97	150	---	310	---	---	<0.30	<0.30	5	<0.60	30	1100	---	---	---	---
BW-6	05/29/97	<100	---	690	---	---	3.5	<0.30	3.7	3.7	14	<5	---	---	---	---
BW-7	05/29/97	200	---	510	---	---	0.99	<0.30	<0.30	<0.30	310	9.2	---	---	---	---
BW-8	05/29/97	<100	---	450	---	---	<0.30	<0.30	<0.30	<0.30	39	<5	---	---	---	---
BW-9	05/30/97	<100	---	230	---	---	<0.30	<0.30	<0.30	<0.60	1.4	<5	---	---	---	---
EXP-1	11/27/96	82	---	<500	<500	---	1.4	<0.50	<0.50	2.7	<0.50	<1	---	---	---	---
EXP-1	03/14/97	<50	---	<47	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-1	03/14/97	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-1	03/14/97	<100	---	---	---	---	<2	<2	<2	<2	---	---	---	---	---	---
EXP-1	07/10/97	<50	---	290	<200	---	<5	<5	<5	<5	<5	<5	---	---	---	---
EXP-1	01/09/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-1	05/20/98	<300	---	---	---	---	0.5	0.9	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-1	11/04/98	<300	175	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/26/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	08/10/99	<500	---	<1000	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-1	09/23/99	<300	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-1	10/12/99	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-1	11/18/99	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	11/19/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	12/21/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	01/20/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	02/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	03/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	04/20/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/18/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	06/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	08/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	11/29/00	<300	<100	---	---	---	0.5	<0.50	<0.50	0.7	<0.50	<0.50	---	---	---	---
EXP-1	02/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	07/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.98	---	---	---	---
EXP-1	09/06/02	---	---	---	---	---	<0.50	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	10/23/02	<300	<100	---	---	---	<0.50	<1	<1	<0.30	<0.50	<5	---	---	---	---
EXP-1	10/24/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	01/29/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	10/08/03	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	10/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	01/29/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	04/21/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	07/19/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-1	04/08/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/07/13	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/07/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/14/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/14/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
EXP-1	10/28/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-1	04/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1	<1	<1
EXP-1	04/23/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-1	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1	<1	<1
EXP-1	10/21/15	<100	---	<100	---	---	0.73	<0.50	<0.50	<1	<0.50	2.2	<10	<2	<2	<2
EXP-1	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	<10	<1	<1	<1
EXP-1	04/13/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.7	<10	<2	<2	<2
EXP-1	10/07/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	<10	<1	<1	<1
EXP-1	10/07/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.7	<10	<2	<2	<2
EXP-1	04/20/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.81	<10	<1	<1	<1
EXP-1	04/20/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-1	10/04/17	<50	---	220	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/04/17	<100	---	260	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-1	10/25/17	---	---	230	---	---	---	---	---	---	---	---	---	---	---	---
EXP-1	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/17/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	11/27/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<0.10	<0.50	<1	---	---	---	---
EXP-2	03/14/97	<50	---	75	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-2	03/14/97	72	---	200	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-2	03/14/97	<100	---	---	---	---	<2	<2	<2	<2	---	---	---	---	---	---
EXP-2	07/10/97	<50	---	<50	<50	---	<5	<5	<5	<5	<5	<5	---	---	---	---
EXP-2	01/09/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-2	05/20/98	<300	---	---	---	---	<0.50	0.6	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-2	11/04/98	<300	<100	---	---	---	<0.50	1.5	1	10	<0.50	<0.50	---	---	---	---
EXP-2	05/07/99	<500	---	<500	---	---	1.6	1.1	<0.50	1.9	<1	1.7	---	---	---	---
EXP-2	05/26/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	---	---	---	---
EXP-2	07/21/99	<50	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.83	---	---	---	---
EXP-2	08/10/99	<500	---	<1000	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-2	09/23/99	<300	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-2	10/12/99	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-2	11/18/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	11/19/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	12/21/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	01/20/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	02/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	03/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/20/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/16/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/18/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	06/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	08/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	02/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/09/01	<300	<100	---	---	---	<0.50	0.9	<0.50	0.8	<0.50	<0.50	---	---	---	---
EXP-2	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)

Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-2	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	07/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	10/23/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-2	10/24/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	01/28/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/11/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	10/07/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	10/10/03	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	01/29/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/22/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	07/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	07/21/04	120	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
EXP-2	11/04/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	02/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	08/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	11/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	02/28/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/03/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	05/03/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	09/19/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	12/06/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	12/06/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	03/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/02/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/03/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	08/29/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	11/14/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	02/20/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/17/08	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	08/14/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	10/16/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	10/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	02/24/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
EXP-2	04/21/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/22/09	<50	<100	---	---	---	1.1	0.59	0.67	1.78	<0.50	<0.50	<10	<1	<1	<1
EXP-2	07/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/19/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6.1 J	<2	<2	<2
EXP-2	10/19/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	01/11/10	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	03/15/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/12/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	07/12/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/04/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/04/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
EXP-2	01/10/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	01/10/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/11/11	<100	---	---	---	<100	<0.50	---	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	07/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	07/11/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-2	10/10/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/10/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	01/09/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	01/09/12	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/16/12	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	07/09/12	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	07/09/12	<100	---	---	---	210 b	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	11	<2	<2	<2
EXP-2	10/15/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/15/12	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	01/14/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	01/14/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/08/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/08/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	10/07/13	<50	---	140	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/07/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/14/14	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/14/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8.5 J	<2	<2	<2
EXP-2	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/28/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-2	04/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/23/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-2	10/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/22/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-2	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/12/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/04/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/19/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	10/02/17	<100	---	150	---	---	1.4	<0.50	5.4	1.8	<0.50	<1	<10	<2	<2	<2
EXP-2	10/03/17	<50	---	<100	---	---	0.98	<0.50	4.8	1.3	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/25/17	---	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	04/19/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/19/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	11/27/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1	<0.50	<1	---	---	---	---
EXP-3	03/14/97	<50	---	120	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-3	03/14/97	<50	---	250	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-3	03/14/97	<100	---	---	---	---	<2	<2	<2	<2	---	---	---	---	---	---
EXP-3	07/10/97	<50	---	<50	<50	---	<5	<5	<5	<5	<5	<5	---	---	---	---
EXP-3	01/09/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-3	05/20/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-3	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/07/99	---	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.89	---	---	---	---
EXP-3	05/27/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	08/10/99	<500	---	<1000	---	---	4	6.2	<1	3.4	<0.50	<1	---	---	---	---
EXP-3	09/23/99	<300	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-3	10/12/99	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-3	11/18/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/19/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	12/21/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	01/20/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	02/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	03/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/20/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-3	05/18/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	06/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	08/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/30/00	<300	<100	---	---	---	<0.50	0.5	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	02/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/07/01	<300	<100	---	---	---	0.8	0.6	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/07/01	<300	<100	---	---	---	<0.50	<0.60	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/12/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	07/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	10/22/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<1	---	---	---	---
EXP-3	10/23/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-3	01/29/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/11/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	10/07/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	10/10/03	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	01/29/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/22/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	07/19/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	07/21/04	120	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
EXP-3	11/03/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	02/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	08/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	02/27/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/02/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/05/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	09/18/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	12/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	12/06/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	03/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/04/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	08/30/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/15/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/16/07	<100	1500	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	02/07/08	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	02/20/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/16/08	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	04/16/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	08/14/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	10/14/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	10/15/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	02/24/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
EXP-3	04/22/09	<100	---	---	---	<100	<0.50	3.4	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	04/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	07/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	07/20/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-3	10/19/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	10/19/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	01/11/10	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	03/15/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/12/10	---	---	---	---	<100	0.31 J	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	07/12/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/04/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.74	<10	<1	<1	<1
EXP-3	10/04/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	0.68	<10	---	---	---
EXP-3	01/10/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.73	0.95	<10	<1	<1	<1
EXP-3	01/10/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.64	1	<10	<2	<2	<2
EXP-3	04/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.3	0.99	<10	<1	<1	<1
EXP-3	04/11/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	1.3	1.1	<10	<2	<2	<2
EXP-3	07/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.61	<0.50	<10	<1	<1	<1
EXP-3	07/12/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.62	0.45 J	<10	<2	<2	<2
EXP-3	10/10/11	<50	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/10/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8.7 J	<2	<2	<2
EXP-3	01/09/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	<10	<1	<1	<1
EXP-3	01/09/12	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.81	0.63	<10	<2	<2	<2
EXP-3	04/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.58	<0.50	<10	<1	<1	<1
EXP-3	04/16/12	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.54	0.48 J	<10	<2	<2	<2
EXP-3	07/09/12	<50	---	190	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	07/09/12	<100	---	---	---	250 b	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	9.5 J	<2	<2	<2
EXP-3	08/29/12	---	---	<50	---	---	---	---	---	---	---	---	---	---	---	---
EXP-3	10/15/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/15/12	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.45 J	<0.50	<10	<2	<2	<2
EXP-3	01/14/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.58	<10	<1	<1	<1
EXP-3	01/14/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	0.74	0.34 J	<10	<2	<2	<2
EXP-3	04/08/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/08/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	10/07/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/07/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	0.36 J	<0.50	<10	<2	<2	<2
EXP-3	04/14/14	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/14/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.52	<0.50	<10	<1	<1	<1
EXP-3	10/28/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-3	04/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/23/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-3	10/20/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/20/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-3	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/12/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/04/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.53	<0.50	<10	<1	<1	<1
EXP-3	04/18/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	10/04/17	<50	---	100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/04/17	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	10/25/17	---	---	<100	---	---	---	---	---	---	---	---	---	---	---	---
EXP-3	04/16/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.73	<0.50	<10	<1	<1	<1
EXP-3	04/16/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-4	02/03/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
EXP-4	05/06/99	<500	---	<500	---	---	1.3	4.1	<0.50	1.7	<1	<0.50	---	---	---	---
EXP-4	07/21/99	<50	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
EXP-4	08/10/99	<500	---	<1000	---	---	50	80	7.7	44	2.1	4.2	---	---	---	---
EXP-4	09/23/99	<300	---	---	---	---	<0.50	<1	<1	<1	0.72	1.2	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-4	09/23/99	<300	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-4	09/23/99	<300	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-4	10/12/99	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-4	11/19/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.6	---	---	---	---
EXP-4	12/21/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	12/21/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	01/20/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	0.5	<0.50	<0.50	---	---	---	---
EXP-4	02/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	03/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	04/20/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	05/18/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	06/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	08/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	02/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	09/18/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	10/24/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	10/07/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	09/20/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	05/01/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	07/20/09	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/19/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	05/24/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/17/12	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/08/13	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/28/14	<50	---	63	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/21/15	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	11/11/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	02/03/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
EXP-5	05/05/99	<500	---	<500	---	---	7.6	3.9	1.4	7.4	<1	140	---	---	---	---
EXP-5	07/21/99	<50	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	11	---	---	---	---
EXP-5	08/10/99	<500	---	<1000	---	---	21	37	4.3	22	<0.50	2.4	---	---	---	---
EXP-5	09/23/99	<300	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-5	09/23/99	<300	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-5	09/23/99	<300	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-5	10/12/99	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-5	11/19/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	12/21/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	01/20/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter ($\mu\text{g/L}$)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-5	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GB-21	01/24/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<1	<1	<1
GB-21	01/24/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<1	<1	<1
GB-21	01/24/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	140	<1	<1	<1
GB-22	01/21/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<1	<1	<1
GB-22	01/21/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<1	<1	<1
GB-22	01/21/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	110	<1	<1	<1
GB-23	01/21/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<1	<1	<1
GB-23	01/21/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<1	<1	<1
GB-23	01/21/11	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	2400	<1	<1	<1
GMW-1	11/27/96	---	---	---	---	---	13000	11000	2700	14300	<50	<500	---	---	---	---
GMW-1	07/17/97	68000	---	6900	---	---	10000	5500	2500	11500	<30	<300	---	---	---	---
GMW-1	01/09/98	5800	---	4500	---	---	5600	590	1200	4570	<30	<300	---	---	---	---
GMW-1	05/27/98	19600	---	---	---	---	4360	466	930	2279	<0.50	101	---	---	---	---
GMW-1	11/17/98	4260	32200	---	---	---	950	150	360	320	<50	<50	---	---	---	---
GMW-1	05/05/99	<500	---	<500	---	---	1.9	8.4	0.58	2.9	<1	<0.50	---	---	---	---
GMW-1	11/17/99	23000	25000	---	---	---	4700	440	1100	4040	<5	71	---	---	---	---
GMW-1	05/16/00	14000	16000	---	---	---	3100	40	720	2300	<25	50	---	---	---	---
GMW-1	11/30/00	14000	28000	---	---	---	2700	80	1000	1780	<0.50	33	---	---	---	---
GMW-1	05/09/01	1000	18000	---	---	---	1900	<13	530	468	<13	<13	---	---	---	---
GMW-1	11/06/01	11000	18000	---	---	---	2900	35	1300	280	<0.50	27	---	---	---	---
GMW-1	04/10/02	7600	13000	---	---	---	2000	26	740	295	<10	18	---	---	---	---
GMW-1	10/23/02	830	8400	---	---	---	1300	<5	330	111	<5	17	---	---	---	---
GMW-1	03/11/03	340	390	---	---	---	130	<0.50	30	6.05	<0.50	0.68	---	---	---	---
GMW-1	04/08/03	4500	2100	---	---	---	2200	<10	240	142	<20	25	---	---	---	---
GMW-1	08/01/03	4000	2100	---	---	---	1600	11	360	172	<20	14	---	---	---	---
GMW-1	10/06/03	7400	2500	---	---	---	2200	12	520	196	<20	13	---	---	---	---
GMW-1	01/27/04	4400	2200	---	---	---	1500	5.7	180	200	<10	12	---	---	---	---
GMW-1	04/22/04	9100	5200	---	---	---	3200	<20	270	160	<40	<20	---	---	---	---
GMW-1	07/19/04	6000	1800	---	---	---	2100	<10	90	70	<20	20	---	---	---	---
GMW-1	11/03/04	7900	3700	---	---	---	3500	<10	88	35	<20	18	---	---	---	---
GMW-1	02/02/05	2100	1500	---	---	---	1100	<5	18	29	<10	12	---	---	---	---
GMW-1	05/06/05	<200	320	---	---	---	1.2	<1	<1	<1	<2	<1	---	---	---	---
GMW-1	08/01/05	<500	1100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
GMW-1	11/02/05	<500	1400	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
GMW-1	02/27/06	<1000	1600	---	---	---	<5	<5	<5	<5	<10	<5	---	---	---	---
GMW-1	05/04/06	<500	1600	---	---	---	4	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
GMW-1	09/18/06	<500	1300	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
GMW-1	12/06/06	<500	4500	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
GMW-1	03/13/07	<1000	2000	---	---	---	<5	<5	<5	<5	<10	<5	---	---	---	---
GMW-1	05/04/07	<50	1500	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-1	08/30/07	520	910	---	---	---	<1.5	<1.5	<1.5	<1.5	<3	<1.5	---	---	---	---
GMW-1	11/14/07	140	430	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-1	02/20/08	<200	690	---	---	---	41	<1	4.9	4.8	<2	<1	---	---	---	---
GMW-1	04/16/08	<200	1200	---	---	---	14	<1	<1	<1	<2	<1	---	---	---	---
GMW-1	10/17/08	1600	2900	---	---	---	52	1.6	58	250	<2	<1	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter ($\mu\text{g}/\text{L}$)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-1	04/20/09	600	2400	---	---	---	63	1.2	25	15.7	<2	<1	<20	<2	<2	<2
GMW-1	10/22/09	330	1900	---	---	---	1.5	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	05/27/10	900	1900	---	---	---	55	4.9	46	<1	<2	<1	<20	<2	<2	<2
GMW-1	10/07/10	400	<1700	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	04/14/11	230	1500	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	10/12/11	230	1700	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	04/19/12	<200	---	850	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	10/17/12	<500	---	880	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-1	04/11/13	<500	---	470	---	---	2.8	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-1	10/10/13	<200	---	270	---	---	<1	<1	<1	<1	<2	1.7	29	<2	<2	<2
GMW-1	04/16/14	89	---	77	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	11	<1	<1	<1
GMW-1	10/30/14	70	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.94	<10	<1	<1	<1
GMW-1	04/23/15	58	---	60	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	16	<1	<1	<1
GMW-1	10/23/15	110	---	140	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	13	<1	<1	<1
GMW-1	03/15/16	<50	---	180	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	<10	<1	<1	<1
GMW-1	04/14/16	55	---	70	---	---	<0.50	<0.50	<0.50	7.7	<0.50	2.9	22	<1	<1	<1
GMW-1	06/29/16	<50	---	69	---	---	<0.50	<0.50	<0.50	2.3	<0.50	2.9	16	<1	<1	<1
GMW-1	08/23/16	<50	---	68	---	---	0.09	0.11	0.19	1.4	<0.50	1.8	12	0.12	<1	0.19
GMW-1	10/06/16	57	---	150	---	---	0.56	<0.50	<0.50	2.9	<0.50	2	13	<1	<1	<1
GMW-2	11/21/96	---	---	---	---	---	6500	44	700	960	<30	4800	---	---	---	---
GMW-2	07/15/97	350	---	<500	---	---	59	1.2	41	20	<0.50	<5	---	---	---	---
GMW-2	01/08/98	<100	---	<500	---	---	4.1	0.79	1.1	1.1	2.7	220	---	---	---	---
GMW-2	05/27/98	<300	---	---	---	---	<0.50	58	0.8	0.5	<0.50	21	---	---	---	---
GMW-2	11/17/98	<300	<100	---	---	---	0.88	2.1	0.9	4.8	<0.50	4.4	---	---	---	---
GMW-2	05/07/99	<500	---	<500	---	---	8.2	<0.50	<0.50	0.94	<1	42	---	---	---	---
GMW-2	11/17/99	<300	<100	---	---	---	0.7	<0.50	<0.50	<0.50	<0.50	66	---	---	---	---
GMW-2	05/16/00	<300	200	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---
GMW-2	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1	140	---	---	---	---
GMW-2	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	51	---	---	---	---
GMW-2	11/06/01	<300	<100	---	---	---	7.8	<0.50	<0.50	0.7	1.2	140	---	---	---	---
GMW-2	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	240	---	---	---	---
GMW-2	10/23/02	<300	240	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	260	---	---	---	---
GMW-2	10/07/03	91	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	81	---	---	---	---
GMW-2	05/06/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-2	05/09/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.2	---	---	---	---
GMW-2	05/02/07	160	110	---	---	---	73	<0.50	<0.50	2.3	<1	5.8	---	---	---	---
GMW-2	04/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-2	04/20/09	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-2	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	11/25/96	---	---	---	---	---	<5	<5	<0.50	<1.5	<5	<50	---	---	---	---
GMW-3	07/11/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
GMW-3	01/05/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-3	05/26/98	---	---	---	---	---	<0.50	<0.50	<0.50	0.9	<0.50	<0.50	---	---	---	---
GMW-3	11/11/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
GMW-3	05/07/99	<500	---	<500	---	---	1.1	4.4	<0.50	1.9	<1	<0.50	---	---	---	---
GMW-3	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	10/22/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	---	---	---	---
GMW-3	01/29/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.96	---	---	---	---
GMW-3	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	10/06/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter ($\mu\text{g/L}$)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-3	01/27/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	07/19/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	11/02/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	11/03/05	120	710	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	02/27/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	05/02/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	12/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	11/14/07	<200	1800	---	---	---	<1	<1	<1	<1	<2	<1	---	---	---	---
GMW-3	04/16/08	<100	220	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-3	04/16/08	<100	750	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-3	10/14/08	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	04/20/09	<50	<100	---	---	---	0.63	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	06/14/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.52	<10	<1	<1	<1
GMW-3	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	04/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	10/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-4	07/15/97	1300	---	2100	---	---	38	<0.50	35	45	<0.50	<5	---	---	---	---
GMW-4	01/08/98	380	---	530	---	---	14	1.2	12	18.8	1.6	<5	---	---	---	---
GMW-4	05/26/98	2300	---	---	---	---	42	<0.30	69	87	<2.5	<2.5	---	---	---	---
GMW-4	11/18/99	1600	4100	---	---	---	67	<0.50	51	24.1	<0.50	<0.50	---	---	---	---
GMW-4	05/19/00	2500	3400	---	---	---	48	0.5	29	36.9	<0.50	<0.50	---	---	---	---
GMW-4	04/10/03	500	1100	---	---	---	8	<0.50	8.2	26	<0.50	<0.50	---	---	---	---
GMW-4	05/04/07	2000	13000	---	---	---	110	<1	27	12.1	<2	<1	---	---	---	---
GMW-4	04/16/08	16000	14000	---	---	---	270	<2.5	110	157	<2.5	<2.5	<50	<10	<10	<10
GMW-4	04/17/08	4400	40000	---	---	---	290	<5	89	102	<10	<5	---	---	---	---
GMW-4	11/21/08	4900	16000	---	---	---	260	<2.5	45	27.9	<5	<2.5	---	---	---	---
GMW-4	04/23/09	2500	9500	---	---	---	120	<0.50	12	8.6	<1	3.9	<10	<1	<1	<1
GMW-4	05/27/10	2200	6100	---	---	---	170	1.1	6.3	10	<2	<1	<20	<2	<2	<2
GMW-4	10/05/10	1300	<15000	---	---	---	8.2	<1	2.8	2.2	<2	3.2	22	<2	<2	<2
GMW-4	04/14/11	2800	24000	---	---	---	130	<1	2	3.4	<2	<1	<20	<2	<2	<2
GMW-4	10/12/11	1200	4200	---	---	---	62	<1	1.4	<1	<2	3.8	<20	<2	<2	<2
GMW-4	04/20/12	4600	---	25000	---	---	170	<10	<10	<10	<20	<10	<200	<20	<20	<20
GMW-4	10/19/12	1300	---	8100	---	---	36	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-4	04/12/13	2100	---	8000	---	---	56	<4	<4	<4	<8	<4	<80	<8	<8	<8
GMW-4	10/11/13	1800	---	2400	---	---	24	<0.50	1.1	1.7	<1	2.2	<10	<1	<1	<1
GMW-4R	04/18/17	84	---	70	---	---	6.1	<0.50	2.2	1.2	<0.50	0.74	<10	<1	<1	<1
GMW-4R	10/05/17	<50	---	70	---	---	1.3	<0.50	<0.50	<0.50	<0.50	0.56	<10	<1	<1	<1
GMW-4R	04/19/18	100	---	50	---	---	1.1	<0.50	1.2	0.55	<0.50	0.68	<10	<1	<1	<1
GMW-5	11/27/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1	---	---	---	---	---	---
GMW-5	07/11/97	<50	---	<50	<50	---	<0.50	<1	<1	<2	---	---	---	---	---	---
GMW-5	01/06/98	<500	---	<100	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	05/18/98	---	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	11/04/98	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	05/27/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	11/18/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	05/16/00	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-5	11/29/00	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-5	05/09/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-5	11/07/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-5	04/10/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-5	10/08/13	<100	---	120 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-5	04/15/14	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-5	10/27/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-5	04/21/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-6	11/27/96	5300	---	<500	<500	---	330	<12	320	300	---	---	---	---	---	---
GMW-6	07/09/97	<50	---	<50	<50	---	2.7	<1	1.4	<2	<5	---	---	---	---	---
GMW-6	01/07/98	<500	---	<100	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-6	05/21/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-6	11/05/98	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-6	05/27/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-6	11/18/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-6	05/16/00	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-6	11/29/00	<300	550	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-6	05/09/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-6	11/07/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-6	04/10/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-6	10/23/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-6	04/10/03	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-6	10/08/03	---	130	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-6	04/22/04	---	<100	---	---	---	0.41	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-6	11/06/04	---	4100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-6	05/06/05	---	<100	---	---	---	<0.30	0.46	<0.30	<0.30	---	<5	---	---	---	---
GMW-6	11/08/05	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-6	05/03/06	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-6	12/08/06	---	<100	---	---	---	<0.50	<0.50	<0.50	1.3	---	<5	---	---	---	---
GMW-6	05/02/07	---	<100	---	---	---	0.58	0.54	<0.50	<1	---	<5	---	---	---	---
GMW-6	08/31/07	3400	1100	---	---	---	400	96	45	188	<0.50	<0.50	<10	<2	<2	<2
GMW-6	11/14/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-6	11/15/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-6	04/16/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-6	10/15/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
GMW-6	04/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	43	---	---	---	---
GMW-6	07/21/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-6	10/20/09	---	---	---	---	110	1.5	<0.50	<0.50	<0.50	<0.50	350	<10	<2	<2	0.51 J
GMW-6	04/12/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	7.2	<10	<2	<2	<2
GMW-6	10/05/10	---	---	---	---	170	0.35 J	---	---	---	<0.50	130	210	---	---	---
GMW-6	02/24/11	<50	120	---	---	---	0.53	<0.50	<0.50	<0.50	<0.50	9.6	120	<1	<1	<1
GMW-6	04/13/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-6	10/10/11	---	---	---	---	290	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	220	<2	<2	<2
GMW-6	04/19/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.34 J	<10	<2	<2	<2
GMW-6	10/15/12	---	---	---	---	<100	<0.50	<0.50	0.17 J	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-6	04/10/13	---	---	110 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.44 J	<10	<2	<2	<2
GMW-6	10/08/13	<100	---	250 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	57	<2	<2	<2
GMW-6	04/15/14	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-6	10/27/14	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-6	04/28/15	<100	---	<100	---	---	1.2	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-6	10/22/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-6	04/12/16	<100	---	<100	---	---	0.89	<0.50	2.3	7.6	<0.50	<1	<10	<2	<2	<2
GMW-6	10/07/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-6	04/18/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-6	10/03/17	<100	---	270	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-6	04/17/18	<100	---	190	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Results reported in micrograms per liter (µg/L)														
		TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-7	05/21/98	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	
GMW-7	12/01/00	520000	370000	---	---	---	4800	970	620	12000	---	<2500	---	---	---	
GMW-7	04/30/15	610	---	28000	---	---	8.1	<0.50	<0.50	<1	<0.50	<2	15	<2	<2	
GMW-7	10/11/16	560	---	2000	---	---	7.5	<0.50	<0.50	<1	<0.50	1.4	47	<2	<2	
GMW-7	10/10/17	240	---	1400	---	---	2.2	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	
GMW-7	04/20/18	150	---	4800 J	---	---	1.6	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	
GMW-8	11/21/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	12	<5	---	---	---	
GMW-8	07/11/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	1.7	<5	---	---	---	
GMW-8	01/02/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	5	<5	---	---	---	
GMW-8	05/26/98	---	---	---	---	---	<0.30	<0.30	<0.50	<1	<0.50	<0.50	---	---	---	
GMW-8	11/06/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	8.6	<0.90	---	---	---	
GMW-8	05/05/99	<500	---	<500	---	---	2	7.2	0.57	3	<1	<0.50	---	---	---	
GMW-8	05/07/99	<500	---	<500	---	---	<0.50	1.7	<0.50	0.51	4.4	<0.50	---	---	---	
GMW-8	11/16/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.6	<0.50	---	---	---	
GMW-8	05/19/00	<300	380	---	---	---	<0.50	<0.50	<0.50	<0.50	15	<0.50	---	---	---	
GMW-8	11/29/00	<300	780	---	---	---	1	0.9	<0.50	1.5	10	2.9	---	---	---	
GMW-8	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	
GMW-8	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	
GMW-8	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	2.4	---	---	---	
GMW-8	10/24/02	<300	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	
GMW-8	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	---	---	---	
GMW-8	10/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.52	<0.50	---	---	---	
GMW-8	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	
GMW-8	11/05/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	
GMW-8	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	
GMW-8	11/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	
GMW-8	05/03/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.78	---	---	---	
GMW-8	12/07/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.6	---	---	---	
GMW-8	05/05/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.5	---	---	---	
GMW-8	11/14/07	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	
GMW-8	04/17/08	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	
GMW-8	10/21/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	
GMW-8	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	
GMW-8	10/19/09	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1	<1	
GMW-8	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	
GMW-8	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	
GMW-8	06/14/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	0.59	<10	<1	<1	
GMW-8	04/15/14	<100	---	93	---	---	<0.50	<0.50	<0.50	<0.50	3.5	0.8	<10	<1	<1	
GMW-8	10/29/14	<100	---	65	---	---	<0.50	<0.50	<0.50	<0.50	3.3	1.1	<10	<1	<1	
GMW-8	04/22/15	<50	---	60	---	---	<0.50	<0.50	<0.50	<0.50	3.3	1.7	<10	<1	<1	
GMW-8	10/22/15	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	4.6	1.5	<10	<1	<1	
GMW-8	04/15/16	<50	---	230	---	---	<0.50	<0.50	<0.50	<0.50	4.3	1.4	<10	<1	<1	
GMW-8	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.9	0.55	<10	<1	<1	
GMW-8	04/18/17	<50	---	170	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	
GMW-8	10/05/17	<50	---	270	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	
GMW-8	04/19/18	<50	---	180	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	
GMW-9	10/07/10	6800	7200	---	---	---	890	62	120	650	<10	56	1600	44	<10	
GMW-9	04/13/11	54000	21000	---	---	---	20000	290	970	3800	<200	3600	<2000	<200	<200	
GMW-9	10/13/11	61000	7600	---	---	---	18000	6500	760	3400	<200	2100	<2000	<200	<200	
GMW-9	08/23/16	94	---	1700	---	---	0.71	<0.50	<0.50	3.4	<0.50	2.3	80	4.7	<1	
GMW-9	10/06/16	67	---	140	---	---	4.6	<0.50	<0.50	<0.50	0.64	0.84	110	13	<1	
GMW-9	04/21/17	750	---	760	---	---	9.2	0.98	0.71	20	<1	1.9	18	5.5	<1	
GMW-9	10/05/17	<50	---	100	---	---	<0.50	<0.50	<0.50	<0.50	0.56	0.62	83	4.7	<1	
GMW-9	05/15/18	<50	---	290	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	34	4.4	<1	
GMW-10	10/08/10	4800	36000	---	---	---	360	<2.5	87	14	<5	<2.5	120	<5	<5	
GMW-10	04/14/11	5700	31000	---	---	---	370	2	93	7.9	<3	<1.5	100	<3	<3	

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)

Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-10	10/14/11	3700	11000	---	---	---	580	3.3	75	7.8	<5	<2.5	590	<5	<5	<5
GMW-10	04/27/12	3000	---	3100	---	---	360	<2	15	3.2	<4	<2	79	<4	<4	<4
GMW-10	10/19/12	10000	---	7500	---	---	1300	380	270	1400	<10	<5	<100	<10	<10	<10
GMW-10	04/12/13	14000	---	100000	---	---	210	65	48	310	<20	<10	<200	<20	<20	<20
GMW-10	10/11/13	13000	---	9500	---	---	1100	800	350	1900	<20	<10	<200	<20	<20	<20
GMW-10	10/28/15	27000	---	41000	---	---	1100	2400	730	3800	<20	<10	<200	<20	<20	<20
GMW-11	11/21/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-11	07/10/97	220	---	2500	---	---	<0.50	4	0.9	<0.50	<0.50	<5	---	---	---	---
GMW-11	01/07/98	4000	---	220000	---	---	<0.50	<0.50	<0.50	1.6	<0.50	<5	---	---	---	---
GMW-11	05/20/98	42400	---	---	---	---	<0.30	<0.30	<25	<50	<2.5	<0.50	---	---	---	---
GMW-11	11/17/98	6230	146000	---	---	---	<5	6	<5	11	<5	24	---	---	---	---
GMW-11	05/07/99	1900	---	1900	---	---	0.61	2.1	<0.50	0.62	<1	<0.50	---	---	---	---
GMW-11	11/16/99	1200	25000	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	05/19/00	790	1900	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	11/30/00	1600	4100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	05/10/01	<300	670	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	11/07/01	<300	560	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	04/15/16	<100	---	440	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	11/27/96	99	---	<500	<500	---	<0.50	<0.50	<0.50	<1	<0.50	<1	---	---	---	---
GMW-12	07/10/97	110	---	8600	<7500	---	<5	<5	<5	<5	<5	<5	---	---	---	---
GMW-12	01/06/98	<500	---	1000	<100	---	<0.50	1.6	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-12	05/21/98	<300	---	---	---	---	<0.30	<0.30	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-12	11/05/98	<300	433	---	---	---	4.5	0.50	3	1.7	<0.50	<0.50	---	---	---	---
GMW-12	05/27/99	<300	937	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	11/18/99	<300	4900	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	05/17/00	<300	2200	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	11/30/00	<300	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	05/09/01	<300	2100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	11/07/01	<300	2700	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	04/11/02	<300	1900	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	10/23/02	<300	1700	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
GMW-12	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	04/14/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	10/10/03	<100	2900	---	---	---	<0.50	<0.50	0.56	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	04/21/04	<100	2000	---	---	---	<0.50	<0.50	<0.50	0.62	<0.50	<0.50	<10	<2	<2	<2
GMW-12	11/04/04	<100	2600	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	05/06/05	<100	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	11/08/05	<100	270	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	05/04/06	<100	450	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	12/08/06	<100	150	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	05/04/07	<100	440	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	11/16/07	---	150	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/18/08	<100	480	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/16/08	<100	---	---	---	---	310	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/23/09	<100	---	---	---	---	630	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/20/09	<100	---	---	---	---	480	<0.50	<0.50	<0.50	<0.50	<0.50	0.49 J	<10	<2	<2
GMW-12	04/15/10	---	---	---	---	---	400	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<2	<2
GMW-12	10/08/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	3.6 J	---	---	---
GMW-12	04/11/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/10/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/15/12	---	---	---	---	280 b	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/09/13	---	---	650 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/08/13	<100	---	700 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/16/14	<100	---	1200 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-12	10/29/14	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-12	04/28/15	<100	---	960	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-12	10/10/16	<100	---	1400	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	04/21/17	<100	---	150	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	10/04/17	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	04/23/18	<100	---	1000	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-13	11/21/96	---	---	---	---	---	3.2	<0.50	0.73	1.2	<0.50	<5	---	---	---	---
GMW-13	07/10/97	1300	---	5600	---	---	1.6	3.5	0.93	2.35	<0.50	<5	---	---	---	---
GMW-13	01/08/98	<100	---	<500	---	---	1.9	1.6	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-13	05/20/98	<300	---	---	---	---	<0.30	<0.30	<25	0.8	<2.5	<0.50	---	---	---	---
GMW-13	11/12/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/07/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-13	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	---	---	---	---
GMW-13	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	02/01/02	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	10/22/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<1	---	---	---	---
GMW-13	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.1	---	---	---	---
GMW-13	10/06/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	11/02/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/02/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	12/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	11/14/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	04/16/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	10/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	04/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/19/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/23/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	23	9.5	<10	3.8	<2	<2
GMW-13	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/13/11	---	---	---	---	130	---	---	---	---	---	---	---	---	---	---
GMW-13	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/18/18	<50	---	88	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	05/07/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-14	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	05/16/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Well	Date	Results reported in micrograms per liter (µg/L)														
		TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-14	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
GMW-14	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
GMW-14	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
GMW-14	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
GMW-14	10/07/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
GMW-14	04/22/04	59	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
GMW-14	11/02/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
GMW-14	05/06/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
GMW-14	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
GMW-14	03/08/06	520	2000	---	---	---	2.6	<0.50	<0.50	<0.50	<0.50	0.64	4	21	<2	
GMW-14	05/02/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
GMW-14	12/07/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
GMW-14	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
GMW-14	11/14/07	1500	2100	---	---	---	<2.5	<2.5	34	3	<5	<2.5	---	---	---	
GMW-14	04/16/08	440	850	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	
GMW-14	07/29/08	210	810	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	18	<2	<2	
GMW-14	10/17/08	210	420	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	
GMW-14	04/23/09	120	580	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	
GMW-14	10/22/09	130	740	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10	<1	<1	
GMW-14	04/16/10	---	---	---	---	1500	160	<0.50	2.6	2.95	<0.50	13	15	<2	0.79 J	
GMW-14	10/07/10	160	<620	---	---	---	<0.50	<620	<0.50	<0.50	<1	<0.50	<10	<1	<1	
GMW-14	04/13/11	<100	310	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	
GMW-14	10/12/11	58	600	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	
GMW-14	04/19/12	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	
GMW-14	10/17/12	<50	---	150	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	
GMW-14	04/11/13	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	
GMW-14	10/10/13	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	
GMW-14	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.64	16	<1	<1	
GMW-14	10/30/14	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.83	17	<1	<1	
GMW-14R	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	<10	<1	<1	
GMW-14R	10/05/17	<50	---	71	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	
GMW-14R	04/19/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<1	<1	
GMW-15	05/20/98	1300	---	---	---	---	3.9	<0.30	7.4	6.4	---	---	---	---	---	
GMW-15	11/05/98	512	1170	---	---	---	1.8	<0.30	3.7	1	---	---	---	---	---	
GMW-15	05/27/99	634	18600	---	---	---	2.5	<0.30	5.3	2	---	---	---	---	---	
GMW-15	11/18/99	<300	3400	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	
GMW-15	05/16/00	610	11000	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	
GMW-15	12/01/00	450	4000	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	
GMW-15	05/10/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	
GMW-15	11/07/01	<300	13000	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	
GMW-15	04/10/02	1900	18000	---	---	---	1.2	<0.30	1.6	3.8	---	<5	---	---	---	
GMW-15	10/23/02	840	16000	---	---	---	0.58	<0.30	0.72	1.5	---	<5	---	---	---	
GMW-15	04/10/03	---	5060	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	
GMW-15	10/08/03	---	11000	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	
GMW-15	04/22/04	---	4200	---	---	---	0.7	<0.30	<0.30	0.47	---	<5	---	---	---	
GMW-15	11/06/04	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	
GMW-15	05/06/05	---	670	---	---	---	<0.30	0.47	<0.30	<0.30	---	<5	---	---	---	
GMW-15	11/08/05	---	200	---	---	---	<0.30	0.31	<0.30	<0.30	---	<5	---	---	---	
GMW-15	05/03/06	---	330	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	
GMW-15	12/08/06	---	160	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	
GMW-15	05/02/07	---	710	---	---	---	<0.50	<0.50	<0.50	1.2	---	<5	---	---	---	
GMW-15	05/02/07	---	740	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	
GMW-15	11/14/07	---	890	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	
GMW-15	04/16/08	---	1400	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	
GMW-15	10/15/08	---	---	---	---	1400	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	
GMW-15	04/21/09	180	---	---	---	3600	<0.50	<0.50	<0.50	<0.50	---	5.4	---	---	---	

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-15	10/20/09	---	---	---	---	4900	<0.50	<0.50	<0.50	<0.50	<0.50	3.1	4.5 J	<2	<2	<2
GMW-15	04/15/10	---	---	---	---	760	<0.50	<0.50	<0.50	<0.50	---	5.7	<10	<2	<2	<2
GMW-15	10/05/10	---	---	---	---	230	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-15	04/14/11	---	---	---	---	210	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	10/10/11	---	---	---	---	170	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	04/19/12	---	---	---	---	1600	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	10/15/12	---	---	---	---	460 b	<0.50	<0.50	<0.50	<0.50	<0.50	12	<10	<2	<2	<2
GMW-15	04/10/13	---	---	6200 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
GMW-15	10/08/13	350 b	---	4600 b	---	---	<0.50	<0.50	0.19 J	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	04/16/14	250 b	---	2700 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	10/30/14	<100	---	1900	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-15	04/28/15	<100	---	1500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-15	10/23/15	<100	---	1300	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-15	04/14/16	<100	---	3700	---	---	0.56	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	10/10/16	<100	---	2400	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	04/21/17	<100	---	1600	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	10/05/17	<100	---	2000	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	04/20/18	<100	---	3400 J	---	---	0.97	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-16	11/21/96	<38	---	<500	<500	---	<0.50	<0.50	0.8	<1.5	<0.50	---	---	---	---	---
GMW-16	07/09/97	<50	---	110	<50	---	5.7	<5	9.2	7.5	<5	<5	---	---	---	---
GMW-16	01/06/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-16	05/20/98	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-16	11/04/98	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-16	05/27/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-16	11/18/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-16	05/16/00	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-16	11/29/00	<300	140	---	---	---	0.64	1.2	0.85	3.2	---	<5	---	---	---	---
GMW-16	05/10/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-16	11/07/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	9.1	---	---	---	---
GMW-16	04/10/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-16	10/23/02	<300	110	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	04/11/03	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-16	10/08/03	---	310	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	04/22/04	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	11/06/04	---	<100	---	---	---	<0.30	<0.30	<0.30	0.59	---	<5	---	---	---	---
GMW-16	05/06/05	---	<100	---	---	---	<0.30	0.58	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	11/08/05	---	<100	---	---	---	<0.30	0.48	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	05/03/06	---	100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	12/06/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-16	05/02/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-16	11/14/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-16	04/16/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-16	10/15/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
GMW-16	10/20/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/12/10	---	---	---	---	110	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<2	<2	<2
GMW-16	10/05/10	---	---	---	---	100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-16	10/10/11	---	---	<100	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/18/12	---	---	---	---	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	10/15/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/10/13	---	---	190 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	10/08/13	<100	---	250 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/14/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	10/27/14	<100	---	190	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-16	04/24/15	<100	---	180	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-16	04/19/17	<100	---	660	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-16	10/05/17	<100	---	370	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-16	04/18/18	<100	---	290	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-17	05/10/01	6800	1500000	---	---	---	52	25	<15	330	---	<250	---	---	---	---
GMW-17	10/24/02	49000	170000	---	---	---	91	<30	<30	160	---	<500	---	---	---	---
GMW-17	04/14/03	---	10100	---	---	---	572	5.55	75.1	367	---	<15	---	---	---	---
GMW-17	10/10/03	---	8700	---	---	---	240	1.5	9.5	41	---	<10	---	---	---	---
GMW-17	04/22/04	---	2400	---	---	---	540	4.6	24	190	---	63	---	---	---	---
GMW-17	11/06/04	---	3000	---	---	---	110	<0.30	2.1	6.1	---	19	---	---	---	---
GMW-17	05/10/05	---	760	---	---	---	7.9	3.6	<1.5	2.6	---	<25	---	---	---	---
GMW-17	11/08/05	---	290	---	---	---	3.7	<0.30	0.37	1.9	---	7	---	---	---	---
GMW-17	05/05/06	---	1200	---	---	---	3.7	2.2	1.6	4.5	---	<5	---	---	---	---
GMW-17	12/08/06	---	1400	---	---	---	34	<0.50	1.9	30	---	<5	---	---	---	---
GMW-17	05/03/07	---	12000	---	---	---	9.1	<0.50	0.92	9	---	7.7	---	---	---	---
GMW-17	11/14/07	---	1200	---	---	---	4.8	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-17	04/18/08	---	<100	---	---	---	5.3	<0.50	0.62	1.4	---	<5	---	---	---	---
GMW-17	10/17/08	---	---	---	---	1600	2.6	<0.50	0.57	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-17	04/22/09	450	---	---	---	760	27	<0.50	2.4	<0.50	---	<0.50	---	<0.50	<0.50	<0.50
GMW-17	10/20/09	---	---	---	---	2400	0.42 J	<0.50	<0.50	<0.50	<0.50	<0.50	9.5 J	<2	<2	<2
GMW-17	04/14/10	1200	---	---	---	1900	59	0.34 J	5.5	2	---	<0.50	<10	<2	<2	<2
GMW-17	10/05/10	1200	---	---	---	2000	79	---	---	---	<0.50	<0.50	5.2 J	---	---	---
GMW-17	04/15/11	750	---	---	---	1200	13	0.55	4.6	0.82	<0.50	<0.50	<10	<2	<2	<2
GMW-17	10/10/11	<1100	---	---	---	1100	50	<0.77	28	6.47	<0.50	<0.50	<10	<2	<2	<2
GMW-17	04/20/12	610	---	---	---	2100	1.2	<0.50	0.18 J	0.71 J	<0.50	<0.50	29	<2	<2	<2
GMW-17	04/12/13	1000 b	---	6700	---	---	55	1.1	1.2	13.7	<0.50	<0.50	31	<2	<2	<2
GMW-17	10/09/13	680 b	---	4200 b	---	---	16	1.2	1.7	11.6	<0.50	0.48 J	30	<2	<2	<2
GMW-17	04/18/14	1400 b	---	5700 b	---	---	38	1.9	2.3	21.1	<0.50	0.42 J	48	<2	<2	<2
GMW-17	10/31/14	510	---	2300	---	---	10	1.5	<0.50	2.7	<0.50	<2	30	<2	<2	<2
GMW-17R	10/09/17	640	---	1200	---	---	64	<0.50	5	2.9	<0.50	2.5	19	<2	<2	<2
GMW-17R	04/20/18	550	---	1600 J	---	---	63	0.69	0.78	19	<0.50	3.7	<10	<2	<2	<2
GMW-18	04/14/03	---	1650000	---	---	---	3410	3510	3070	17800	---	<150	---	---	---	---
GMW-18	10/08/03	---	170000	---	---	---	2600	120	360	3100	---	<1000	---	---	---	---
GMW-18	04/21/04	---	45000	---	---	---	2700	<50	380	4288	---	<50	---	---	---	---
GMW-18	11/04/04	---	51000	---	---	---	1300	<3	220	2400	---	<50	---	---	---	---
GMW-18	05/06/05	---	5900	---	---	---	1100	22	140	1200	---	<50	---	---	---	---
GMW-18	11/08/05	---	17000	---	---	---	650	11	17	470	---	<100	---	---	---	---
GMW-18	05/04/06	---	19000	---	---	---	200	1.9	15	100	---	6.9	---	---	---	---
GMW-18	12/08/06	---	6800	---	---	---	320	<0.50	25	190	---	11	---	---	---	---
GMW-18	05/03/07	---	10000	---	---	---	200	<2.5	13	56	---	<25	---	---	---	---
GMW-18	11/15/07	---	1900	---	---	---	160	<0.50	4.1	26	---	5.5	---	---	---	---
GMW-18	04/17/08	---	3400	---	---	---	180	0.87	13	100	---	6.7	---	---	---	---
GMW-18	10/16/08	---	---	---	---	2800	33	<0.50	2.2	10.64	<0.50	4.7	12	<2	<2	<2
GMW-18	04/23/09	880	---	---	---	1100	60	<0.50	1.4	5	<0.50	3	13	<2	<2	<2
GMW-18	10/20/09	---	---	---	---	2700	15	<0.50	0.55	5.55	<0.50	7	13	<2	<2	<2
GMW-18	04/16/10	1500	---	---	---	7200	80	0.84	0.49 J	1.57	---	7.3	43	<2	<2	<2
GMW-18	04/20/12	2100	---	---	---	4700	67	0.4 J	1.1	5.89	1.7	3.5	57	<2	<2	<2
GMW-18	07/10/12	---	---	---	---	7800	94	0.42 J	0.94	3.89	<0.50	3.9	27	<2	<2	<2
GMW-18	11/03/14	15000	---	230000	---	---	110	0.93	120	340	<0.50	4.2	<10	<2	<2	<2
GMW-18	04/21/15	4300	---	300000	---	---	290	<5	75	270	<5	<20	<100	<20	<20	<20
GMW-19	11/27/96	3000	---	<500	<500	---	85	<2.5	23	<5	---	---	---	---	---	---
GMW-19	07/10/97	<50	---	<50	<50	---	2.5	<1	<1	<2	---	---	---	---	---	---
GMW-19	01/07/98	<500	---	<100	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-19	05/21/98	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-19	11/06/98	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-19	05/27/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-19	11/18/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-19	05/17/00	<300	<100	---	---	---	0.47	0.45	<0.30	0.95	---	---	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-19	12/01/00	<300	440	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-19	05/09/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-19	11/08/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-19	04/11/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-19	10/23/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-19	04/14/03	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-19	10/10/03	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	15	---	---	---	---
GMW-19	04/21/04	---	260	---	---	---	<0.50	<1	<1	<1	---	28	---	---	---	---
GMW-19	11/04/04	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-19	05/06/05	---	<100	---	---	---	<0.30	<0.30	<0.30	0.69	---	<5	---	---	---	---
GMW-19	11/08/05	---	<100	---	---	---	0.52	0.71	0.4	2	---	<5	---	---	---	---
GMW-19	05/04/06	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-19	12/08/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-19	05/03/07	---	210	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-19	11/15/07	---	<100	---	---	---	0.5	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-19	04/17/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-19	10/16/08	---	---	---	---	140	0.6	<0.50	<0.50	<0.50	<0.50	<50	<10	<2	<2	<2
GMW-19	04/23/09	---	---	---	---	<100	0.7	<0.50	<0.50	<0.50	---	0.67	---	<0.50	<0.50	<0.50
GMW-19	10/20/09	---	---	---	---	<100	3.8	<0.50	<0.50	<0.50	<0.50	1.5	<10	<2	<2	<2
GMW-19	04/16/10	---	---	---	---	300	130	<0.50	0.66	<0.50	---	21	12	<2	<2	0.52 J
GMW-19	10/08/10	---	---	---	---	150	2.4	---	---	---	<0.50	2.7	<10	---	---	---
GMW-19	10/10/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-19	04/18/12	---	---	---	---	<100	3.8	<0.50	<0.50	<0.50	<0.50	0.88	<10	<2	<2	<2
GMW-19	10/15/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
GMW-19	04/10/13	---	---	1200 b	---	---	35	0.38 J	<0.50	0.35 J	<0.50	58	22	<2	<2	<2
GMW-19	10/07/13	<100	---	<100	---	---	0.81	<0.50	<0.50	<0.50	<0.50	2.3	<10	<2	<2	<2
GMW-19	04/14/14	<100	---	<100	---	---	2.8	<0.50	<0.50	<0.50	<0.50	0.83	<10	<2	<2	<2
GMW-19	10/28/14	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-19	04/28/15	490	---	1000	---	---	90	<0.50	0.5	0.55	<0.50	20	12	<2	<2	<2
GMW-19	10/23/15	<100	---	390	---	---	9.2	<0.50	<0.50	<0.50	<1	<0.50	17	<10	<2	<2
GMW-19	04/21/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-19	10/03/17	<100	---	210	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.5	<10	<2	<2	<2
GMW-19	04/18/18	<100	---	160	---	---	2.2	<0.50	<0.50	<1	<0.50	3.4	<10	<2	<2	<2
GMW-20	11/27/96	1100	---	<500	<500	---	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---	---
GMW-20	07/10/97	160	---	1400	<1200	---	<5	<5	<5	<5	<5	<5	---	---	---	---
GMW-20	01/06/98	<500	---	1100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-20	05/21/98	400	---	---	---	---	<0.30	<0.50	<0.50	<0.10	<0.50	<0.50	---	---	---	---
GMW-20	11/05/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	05/27/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	11/18/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	05/17/00	<300	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	---	---	---	---
GMW-20	05/09/01	<300	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	04/24/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-20	10/20/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-20	10/05/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-20	04/18/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-21	11/03/14	1500	---	2500	---	---	11	1.6	31	170	<0.50	3.8	24	<2	<2	<2
GMW-21	04/29/15	300	---	2200	---	---	1.1	<0.50	2200	<1	<0.50	2.7	24	<2	<2	<2
GMW-21	04/14/16	170	---	1300	---	---	<0.50	<0.50	<0.50	<1	<0.50	2.8	<10	<2	<2	<2
GMW-21	10/10/16	130	---	2500	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.5	<10	<2	<2	<2
GMW-21	04/21/17	180	---	3300	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-21	04/23/18	<100	---	3700	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	39	<2	<2	<2
GMW-22	10/04/10	4100	2200	---	---	---	1900	<10	55	38	<20	47	1300	50	<20	<20

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-22	10/14/11	28000	9000	---	---	---	13000	<100	470	200	<200	130	<2000	<200	<200	<200
GMW-22	04/20/12	46000	---	1300	---	---	20000	<100	650	130	<200	140	<2000	<200	<200	<200
GMW-22	10/18/12	32000	---	1300	---	---	16000	120	420	140	<200	180	<2000	<200	<200	<200
GMW-23	11/08/05	---	1900	---	---	---	<0.30	0.4	<0.30	<0.30	---	<5	---	---	---	---
GMW-23	10/31/14	34000	---	53000	---	---	11000	690	260	2100	<100	<50	<1000	<100	<100	<100
GMW-23	04/23/15	37000	---	240000	---	---	2100	870	490	5600	<30	<15	360	46	<30	<30
GMW-23	03/15/16	540	---	13000	---	---	4.6	<0.50	<0.50	2.4	<1	2.1	42	12	<1	<1
GMW-23	06/30/16	120	---	23000	---	---	2.7	<0.50	<0.50	2.1	<0.50	0.52	<10	<1	<1	<1
GMW-23	08/23/16	59	---	730	---	---	0.08	0.03	0.09	<0.50	0.18	0.76	42	13	0.2	<1
GMW-23	10/06/16	130	---	6100	---	---	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	14	4.8	<1	<1
GMW-23	10/06/17	230	---	17000	---	---	<0.50	<0.50	1.3	1.4	<0.50	<0.50	48	9.6	<1	<1
GMW-24	04/29/11	70000	690000	---	---	---	19000	830	1700	4200	<200	530	<2000	<200	<200	<200
GMW-24	10/13/11	58000	17000	---	---	---	23000	2400	890	2600	<200	490	<2000	<200	<200	<200
GMW-25	10/08/10	15000	<49000	---	---	---	6900	<50	70	<50	<100	92	<1000	<100	<100	<100
GMW-25	04/14/11	12000	23000	---	---	---	6800	<25	<25	<25	<50	36	<500	<50	<50	<50
GMW-25	10/13/11	<20000	31000	---	---	---	9700	<100	220	<100	<200	<100	<2000	<200	<200	<200
GMW-25	06/30/16	90	---	480	---	---	<0.50	<0.50	<0.50	3.2	<0.50	1.7	22	2.3	<1	<1
GMW-25	08/23/16	<50	---	1300	---	---	0.09	0.08	0.11	<0.50	0.73	0.82	160	6.4	0.2	<1
GMW-25	10/06/16	70	---	780	---	---	<0.50	<0.50	<0.50	1.1	0.88	0.5	18	1.2	<1	<1
GMW-25	04/20/17	<500	---	3700	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-25	10/05/17	400	---	11000	---	---	<0.50	<0.50	<0.50	<0.50	1	0.64	23	1.5	<1	<1
GMW-25	04/19/18	950	---	14000	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	11	<1	<1	<1
GMW-26	11/27/96	---	---	---	---	---	46	2.7	18	8.8	110	950	---	---	---	---
GMW-26	07/10/97	430	---	<500	---	---	100	2.1	6.9	5.9	67	760	---	---	---	---
GMW-26	01/08/98	200	---	<500	---	---	23	11	5	<15	64	1200	---	---	---	---
GMW-26	05/22/98	500	---	---	---	---	<0.30	<0.50	<0.50	<0.10	260	460	---	---	---	---
GMW-26	11/17/98	1810	<100	---	---	---	310	<5	8	<5	<5	3460	---	---	---	---
GMW-26	05/07/99	2300	---	<500	---	---	490	26	70	140	<5	6100	---	---	---	---
GMW-26	11/19/99	6700	5700	---	---	---	3700	160	42	530	<25	8500	---	---	---	---
GMW-26	05/16/00	2000	490	---	---	---	1.9	<0.50	<0.50	<0.50	0.8	82	---	---	---	---
GMW-26	11/30/00	780	180	---	---	---	<0.50	<0.50	<0.50	<0.50	3.1	17	---	---	---	---
GMW-26	05/08/01	300	120	---	---	---	<0.50	<0.50	<0.50	<0.50	13	390	---	---	---	---
GMW-26	11/06/01	<300	<100	---	---	---	0.7	<0.50	<0.50	<0.50	75	130	---	---	---	---
GMW-26	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	57	130	---	---	---	---
GMW-26	07/07/03	---	---	---	---	---	<0.50	<1	<1	<1	1.2	61	---	---	---	---
GMW-26	04/27/04	63	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	59	---	---	---	---
GMW-26	07/08/04	62	290	---	---	---	<0.50	<0.50	<0.50	<0.50	17	27	---	---	---	---
GMW-26	04/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	1.3	<1	<1
GMW-26	10/26/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.8	<0.50	<10	<1	<1	<1
GMW-26	03/15/16	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	1.5	1.2	<10	2.3	<1	<1
GMW-26	04/14/16	<50	---	76	---	---	<0.50	<0.50	<0.50	<0.50	1.1	0.72	<10	1.4	<1	<1
GMW-26	06/29/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	0.59	<10	1.5	<1	<1
GMW-26	08/23/16	<50	---	77	---	---	0.01	0.01	0.09	<0.50	2.4	0.65	1.3	1.9	<1	<1
GMW-26	10/06/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.3	0.64	<10	2	<1	<1
GMW-26	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.66	<0.50	<10	<1	<1	<1
GMW-26	10/05/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	12	2.6	<1	<1
GMW-26	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	2.2	<1	<1
GMW-27	05/27/98	2800	---	---	---	---	940	6	4	11	76	1570	---	---	---	---
GMW-27	11/17/98	4220	4940	---	---	---	3200	<50	<50	<50	<50	530	---	---	---	---
GMW-27	05/07/99	6300	---	<500	---	---	3600	16	11	<10	<25	720	---	---	---	---
GMW-27	11/18/99	3300	1500	---	---	---	1100	<25	<25	<25	<25	1000	---	---	---	---
GMW-27	05/16/00	5500	3600	---	---	---	2600	<25	25	34	<25	1800	---	---	---	---
GMW-27	11/30/00	4900	4100	---	---	---	2100	<25	<25	<25	<25	1600	---	---	---	---
GMW-27	05/08/01	5300	4000	---	---	---	2600	<25	<25	<25	<25	2200	---	---	---	---
GMW-27	11/06/01	4100	1500	---	---	---	1600	6.4	6.7	27.6	<0.50	1900	---	---	---	---
GMW-27	04/09/02	4900	590	---	---	---	2300	<10	15	<10	<10	1800	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

		Results reported in micrograms per liter (µg/L)														
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-27	10/23/02	590	680	---	---	---	1800	13	<10	13	<10	1400	---	---	---	---
GMW-27	04/08/03	4600	640	---	---	---	2700	<15	<15	17	<30	2000	---	---	---	---
GMW-27	10/07/03	10000	890	---	---	---	4400	<20	47	120	<40	1800	---	---	---	---
GMW-27	01/27/04	8100	480	---	---	---	3600	19	29	115	<30	1500	---	---	---	---
GMW-27	04/21/04	13000	1900	---	---	---	6200	<25	51	<25	<50	2500	---	---	---	---
GMW-27	07/08/04	1900	540	---	---	---	260	<2.5	<2.5	<2.5	<5	790	---	---	---	---
GMW-27	11/03/04	21000	1500	---	---	---	8800	<50	53	170	<100	700	---	---	---	---
GMW-27	05/06/05	1100	<100	---	---	---	440	<2.5	<2.5	4.3	<5	42	---	---	---	---
GMW-27	11/03/05	4100	330	---	---	---	2000	<10	<10	17	<20	250	---	---	---	---
GMW-27	05/09/06	5500	400	---	---	---	2800	<15	22	<15	<30	180	---	---	---	---
GMW-27	12/06/06	12000	740	---	---	---	6400	<50	120	<50	<100	210	---	---	---	---
GMW-27	05/02/07	13000	860	---	---	---	7400	<50	<50	<50	<100	230	---	---	---	---
GMW-27	11/13/07	11000	550	---	---	---	6000	<25	<25	<25	<50	57	---	---	---	---
GMW-27	04/18/08	380	270	---	---	---	130	<1.5	<1.5	<1.5	<3	21	---	---	---	---
GMW-27	08/14/08	1000	490	---	---	---	280	<1.5	1.5	1.6	<3	17	---	---	---	---
GMW-27	11/21/08	3100	340	---	---	---	1100	<10	<10	<10	<20	26	---	---	---	---
GMW-27	04/20/09	100	130	---	---	---	1.8	<0.50	<0.50	<0.50	<0.50	4.2	450	10	<1	<1
GMW-27	10/22/09	130	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	5.7	830	17	<1	<1
GMW-27	05/27/10	95	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	<10	10	<1	<1
GMW-27	10/07/10	130	<100	---	---	---	1.9	<0.50	<0.50	<0.50	<0.50	6.2	900	17	<1	<1
GMW-27	04/13/11	<100	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.91	480	12	<1	<1
GMW-27	10/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.99	300	6	<1	<1
GMW-27	04/19/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	380	6.8	<1	<1
GMW-27	10/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	300	5	<1	<1
GMW-27	04/11/13	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.57	380	7.8	<1	<1
GMW-27	10/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	570	9.3	<1	<1
GMW-27	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	460	6.9	<1	<1
GMW-27	10/30/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	260	6.7	<1	<1
GMW-28	05/07/99	43000	---	<500	---	---	22000	780	1400	3000	<130	1900	---	---	---	---
GMW-28	05/17/00	19000	21000	---	---	---	9600	<50	370	160	<50	1300	---	---	---	---
GMW-28	11/28/00	26000	30000	---	---	---	13000	53	650	1139	<0.50	1600	---	---	---	---
GMW-28	05/08/01	30000	27000	---	---	---	15000	190	660	310	<5	4000	---	---	---	---
GMW-28	11/06/01	20000	19000	---	---	---	14000	51	460	241	<0.50	3200	---	---	---	---
GMW-28	04/09/02	24000	1900	---	---	---	9100	79	320	110	<50	1200	---	---	---	---
GMW-28	07/07/03	---	---	---	---	---	18000	140	800	450	<50	530	---	---	---	---
GMW-28	04/28/04	40000	4700	---	---	---	22000	180	1200	570	<200	280	---	---	---	---
GMW-28	07/08/04	46000	5100	---	---	---	20000	120	1000	560	<200	280	---	---	---	---
GMW-28	10/31/14	330	---	170	---	---	23	<0.50	<0.50	<0.50	<1	82	38	26	<1	<1
GMW-28	04/21/15	1200	---	120	---	---	670	<5	<5	<5	<10	100	<100	25	<10	<10
GMW-28	10/26/15	280	---	360	---	---	3.3	<0.50	<0.50	2.7	<0.50	73	20	18	<1	<1
GMW-28	03/15/16	520	---	390	---	---	230	1.9	2.2	6.5	<3	25	<30	11	<3	<3
GMW-28	04/15/16	600	---	89	---	---	370	<2	4.5	<2	<4	25	<40	8.6	<4	<4
GMW-28	06/30/16	230	---	540	---	---	3.5	<0.50	1.6	7.2	<0.50	16	<10	3.1	<1	<1
GMW-28	08/23/16	88	---	490	---	---	0.43	0.2	4.7	4.7	0.04	5.1	5.8	3.4	<1	0.21
GMW-28	10/06/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	46	19	<1	<1
GMW-28	04/19/17	<50	---	<100	---	---	0.69	<0.50	<0.50	<0.50	<0.50	4.8	32	5.2	<1	<1
GMW-28	10/05/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	110	24	<1	<1
GMW-28	04/19/18	60	---	120	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	360	42	<1	<1
GMW-29	11/28/00	1600	1700	---	---	---	170	97	8	300	<0.50	54	---	---	---	---
GMW-29	05/08/01	2200	950	---	---	---	1300	59	21	30	<0.50	<0.50	---	---	---	---
GMW-29	04/09/02	13000	11000	---	---	---	5400	4500	240	1120	<1	34	---	---	---	---
GMW-29	07/08/03	---	---	---	---	---	4100	670	410	880	<25	<50	---	---	---	---
GMW-29	04/28/04	40000	6400	---	---	---	8700	6000	910	2800	<200	<100	---	---	---	---
GMW-29	07/08/04	45000	5300	---	---	---	8900	6500	900	4000	<100	<50	---	---	---	---
GMW-29	03/15/16	74000	---	65000	---	---	260	320	540	6000	<40	<20	<400	<40	<40	<40
GMW-30	03/15/16	9100	---	3500	---	---	1100	20	33	920	<10	<5	<100	<10	<10	<10

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-30	04/15/16	14000	---	2400	---	---	3600	16	85	860	<30	<15	<300	<30	<30	<30
GMW-30	06/30/16	1600	---	6400	---	---	34	0.88	1.5	6.7	1.4	3.4	33	8.6	<1	<1
GMW-30	08/23/16	400	---	1400	---	---	41	0.2	0.22	3.1	0.24	2.1	60	4	0.39	0.39
GMW-30	10/07/16	360	---	3600	---	---	24	0.6	2.6	3	1.2	2.3	27	6	<1	<1
GMW-30	10/06/17	280	---	3500	---	---	28	<0.50	1.7	4.6	<0.50	1.2	28	4.9	<1	<1
GMW-30	04/20/18	230	---	1300	---	---	7	<0.50	<0.50	10	<0.50	1.3	45	8.8	<1	<1
GMW-31	11/27/96	1100	---	<500	<500	---	<2.5	<2.5	<2.5	<5	---	---	---	---	---	---
GMW-31	07/10/97	55	---	550	<450	---	2	<1	<1	<2	---	---	---	---	---	---
GMW-31	01/07/98	<500	---	<100	<100	---	1.6	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-31	05/21/98	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-31	11/06/98	<300	<100	---	---	---	4.8	<0.30	3.5	<0.60	---	---	---	---	---	---
GMW-31	05/27/99	<300	1020	---	---	---	<0.30	<0.30	0.52	<0.60	---	---	---	---	---	---
GMW-31	11/18/99	<300	490	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-31	05/17/00	<300	470	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-31	12/01/00	530	680	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-31	05/10/01	<300	120	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-31	11/07/01	<300	170	---	---	---	0.8	0.49	<0.30	<0.60	---	9.9	---	---	---	---
GMW-31	04/10/02	<300	120	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-31	10/24/02	<300	<100	---	---	---	<0.30	0.49	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	04/14/03	---	647	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-31	10/10/03	---	200	---	---	---	0.39	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	04/22/04	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	11/06/04	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	05/07/05	---	<100	---	---	---	<0.30	0.64	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	11/08/05	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	05/05/06	---	<100	---	---	---	<0.30	0.79	0.5	2.4	---	<5	---	---	---	---
GMW-31	12/08/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-31	05/03/07	---	170	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-31	11/14/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-31	04/18/08	---	810	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-31	10/17/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	04/22/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	<0.50	<0.50	<0.50
GMW-31	10/20/09	---	---	---	---	140	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	<10	<2	<2	<2
GMW-31	04/14/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	4.6 J	<2	<2	<2
GMW-31	10/08/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	6.5 J	---	---	---
GMW-31	04/11/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	10/10/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	04/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	10/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	04/08/13	---	---	120 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<10	<2	<2	<2
GMW-31	10/07/13	<100	---	210 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	04/14/14	<100	---	170 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	10/29/14	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-31	04/28/15	<100	---	340	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-31	04/20/17	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-31	10/05/17	<100	---	270	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-31	04/19/18	<100	---	150	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-32	11/27/96	430	---	<500	<500	---	13	<0.50	25	<1	---	---	---	---	---	---
GMW-32	07/10/97	63	---	1800	<1600	---	1.7	<1	<1	<2	---	---	---	---	---	---
GMW-32	01/06/98	<500	---	<100	<100	---	0.4	<0.30	0.7	<0.60	---	---	---	---	---	---
GMW-32	05/21/98	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-32	11/05/98	<300	<100	---	---	---	<0.30	<0.30	0.62	<0.60	---	---	---	---	---	---
GMW-32	11/06/98	---	158	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-32	05/27/99	<300	307	---	---	---	3.1	<0.30	5	1.4	---	---	---	---	---	---
GMW-32	11/18/99	<300	6500	---	---	---	4.3	<0.30	6.9	1.2	---	---	---	---	---	---
GMW-32	05/17/00	500	8600	---	---	---	8	3.4	16	14	---	---	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-32	11/30/00	330	2100	---	---	---	<0.30	<0.30	4.2	<0.60	---	<5	---	---	---	---
GMW-32	05/09/01	1000	9500	---	---	---	4.7	<0.30	1.2	2.8	---	<5	---	---	---	---
GMW-32	11/07/01	660	6900	---	---	---	4.2	0.63	5.7	2	---	<5	---	---	---	---
GMW-32	02/01/02	---	---	---	---	---	0.89	<0.50	0.53	0.69	<0.50	0.77	---	---	---	---
GMW-32	04/11/02	<300	210	---	---	---	1.5	<0.30	7.2	<0.60	---	<5	---	---	---	---
GMW-32	10/23/02	<300	1300	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-32	04/09/03	---	2100	---	---	---	<1	1.18	<1	<2	---	<3	---	---	---	---
GMW-32	10/10/03	---	530	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-32	04/21/04	---	1500	---	---	---	0.52	<1	<1	<1	---	<1	---	---	---	---
GMW-32	11/04/04	---	910	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-32	05/06/05	---	700	---	---	---	0.31	0.64	<0.30	0.76	---	<5	---	---	---	---
GMW-32	11/08/05	---	480	---	---	---	<0.30	0.41	<0.30	0.7	---	<5	---	---	---	---
GMW-32	05/04/06	---	690	---	---	---	0.46	0.39	0.62	1.4	---	<5	---	---	---	---
GMW-32	12/08/06	---	110	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-32	05/03/07	---	190	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-32	11/16/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-32	04/17/08	---	150	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-32	10/16/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	04/24/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	10/20/09	---	---	---	---	250	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	04/16/10	---	---	---	---	230	<0.50	<0.50	0.41 J	<0.50	---	<0.50	<10	<2	<2	<2
GMW-32	10/07/10	---	---	---	---	180	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-32	04/14/11	---	---	---	---	160	<0.50	<0.50	0.25 J	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	10/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	04/19/12	---	---	---	---	210	<0.50	<0.50	<0.50	0.26 J	<0.50	<0.50	<10	<2	<2	<2
GMW-32	10/19/12	---	---	---	---	1300	0.2 J	<0.50	0.14 J	0.32	<0.50	<0.50	<10	<2	<2	<2
GMW-32	04/10/13	---	---	1300 b	---	---	<0.50	<0.50	<0.50	0.3 J	<0.50	<0.50	<10	<2	<2	<2
GMW-32	10/08/13	<100	---	1200 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	7.3 J	<2	<2	<2
GMW-32	04/16/14	440 b	---	1500 b	---	---	<0.50	<0.50	0.41 J	0.8	<0.50	0.67	17	<2	<2	<2
GMW-32	10/30/14	290	---	1500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	13	<2	<2	<2
GMW-33	11/21/96	<38	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	---	---	---	---	---
GMW-33	07/10/97	<50	---	700	<400	---	<5	<5	<5	<5	<5	<5	---	---	---	---
GMW-33	01/06/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-33	05/20/98	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-33	11/05/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	05/27/99	<300	122	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	11/18/99	<300	120	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	05/17/00	<300	210	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	11/30/00	<300	430	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	05/09/01	<300	150	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	11/07/01	<300	200	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	02/01/02	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
GMW-34	11/18/99	9500	17000	---	---	---	30	3.5	8.3	81	<0.50	24	---	---	---	---
GMW-34	05/17/00	740	3700	---	---	---	<0.50	<0.50	1.5	11.4	<0.50	30	---	---	---	---
GMW-34	12/01/00	<300	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	10	---	---	---	---
GMW-34	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.3	---	---	---	---
GMW-34	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	---	---	---	---
GMW-34	04/12/02	960	1500	---	---	---	240	1.4	33	81	<0.50	2.5	---	---	---	---
GMW-35	05/09/01	20000	22000	---	---	---	1300	11	580	4100	<10	<10	---	---	---	---
GMW-35	04/10/03	---	15600	---	---	---	65.2	30.6	109	159	---	<3	---	---	---	---
GMW-35	10/10/03	---	16000	---	---	---	100	<15	120	650	---	<250	---	---	---	---
GMW-35	04/21/04	---	19000	---	---	---	110	<1	45	7.3	---	1.5	---	---	---	---
GMW-35	11/04/04	---	18000	---	---	---	62	<3	13	28	---	<50	---	---	---	---
GMW-35	05/05/05	---	4700	---	---	---	10	1.4	33	22	---	<10	---	---	---	---
GMW-35	11/05/05	---	3100	---	---	---	9.1	2.2	31	17	---	<25	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Well	Date	Results reported in micrograms per liter (µg/L)														
		TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-35	05/03/06	---	17000	---	---	---	7.9	2.9	20	12	---	<5	---	---	---	
GMW-35	12/08/06	---	4800	---	---	---	14	<0.50	9	6.9	---	<5	---	---	---	
GMW-35	05/04/07	---	4700	---	---	---	21	0.86	1.3	5.3	---	6.1	---	---	---	
GMW-35	11/15/07	---	2400	---	---	---	26	<0.50	<0.50	<1	---	7.7	---	---	---	
GMW-35	04/17/08	---	1300	---	---	---	18	<0.50	1.8	2.5	---	<5	---	---	---	
GMW-35	04/24/09	---	---	---	---	520	63	<5	<5	<5	---	210	---	<5	<5	<5
GMW-35	04/16/10	---	---	---	---	1900	180	0.88 J	1.5	0.7	---	13	2200	<4	<4	<4
GMW-35R	10/09/17	160	---	1400	---	---	9.4	<0.50	<0.50	<1	<0.50	5	770	<2	<2	<2
GMW-35R	04/23/18	160 J	---	1100	---	---	16	<0.50	<0.50	<1	<0.50	2.9	360	<2	<2	<2
GMW-36	07/10/97	430	---	<500	---	---	---	---	---	---	---	---	---	---	---	---
GMW-36	01/09/98	4000	---	4300	---	---	22	21	6.1	100	<5	7700	---	---	---	---
GMW-36	05/20/98	1400	---	---	---	---	<0.30	<0.30	<10	<20	<0.50	19600	---	---	---	---
GMW-36	11/17/98	7900	6650	---	---	---	2100	1370	70	650	<50	34800	---	---	---	---
GMW-36	05/07/99	2800	---	<500	---	---	<10	<10	<10	<10	<25	14000	---	---	---	---
GMW-36	11/18/99	51000	22000	---	---	---	8100	5600	<250	1770	<250	47000	---	---	---	---
GMW-36	05/17/00	59000	53000	---	---	---	14000	6700	480	4100	<130	45000	---	---	---	---
GMW-36	11/30/00	110000	66000	---	---	---	20000	19000	1600	8100	<0.50	13000	---	---	---	---
GMW-36	02/06/01	75000	55000	---	---	---	18000	13000	1400	6100	<50	9100	---	---	---	---
GMW-36	05/10/01	12000	5100	---	---	---	3700	2500	420	1730	<0.50	1600	---	---	---	---
GMW-36	09/19/01	21000	37000	---	---	---	5800	3600	580	2080	<13	1000	---	---	---	---
GMW-36	11/06/01	63000	40000	---	---	---	16000	13000	1600	7700	<25	3200	---	---	---	---
GMW-36	01/30/02	130000	68000	---	---	---	21000	20000	1700	9000	<125	42000	---	---	---	---
GMW-36	04/10/02	150000	49000	---	---	---	25000	22000	1800	10000	<50	67000	---	---	---	---
GMW-36	07/30/02	81000	110000	---	---	---	28000	29000	2200	11800	<50	37000	---	---	---	---
GMW-36	12/06/06	32000	10000	---	---	---	5300	4300	480	4300	<50	1600	---	---	---	---
GMW-36	03/13/07	54000	7200	---	---	---	9400	12000	1100	8200	<200	3800	---	---	---	---
GMW-36	05/05/07	69000	11000	---	---	---	9800	11000	1200	8000	<200	3900	---	---	---	---
GMW-36	08/29/07	30000	9800	---	---	---	4100	4200	420	4500	120	890	---	---	---	---
GMW-36	02/20/08	34000	9100	---	---	---	3900	6000	750	4600	<50	43	---	---	---	---
GMW-36	04/16/08	42000	11000	---	---	---	5200	8300	940	6200	<200	<100	---	---	---	---
GMW-36	10/16/08	17000	32000	---	---	---	2100	3200	160	2300	<20	26	---	---	---	---
GMW-36	07/22/09	24000	15000	---	---	---	3800	5400	720	3380	<50	28	<500	<50	<50	<50
GMW-36	03/16/10	8000	22000	---	---	---	830	1100	140	700	<10	16	690	<10	<10	<10
GMW-36	04/16/10	4200	25000	---	---	---	850	150	89	200	<5	11	3700	<5	<5	<5
GMW-36	07/13/10	500	4500	---	---	---	49	51	4.9	43	<0.50	0.91	340	<1	<1	<1
GMW-36	08/12/10	9200	2200	---	---	---	1400	1100	52	980	<10	18	1600	<10	<10	<10
GMW-36	09/20/10	3300	5200	---	---	---	130	18	36	120	<1	130	13000	<1	<1	1.6
GMW-36	10/05/10	15000	3100	---	---	---	2500	1300	390	1200	<20	30	1300	<20	<20	<20
GMW-36	11/23/10	31000	21000	---	---	---	5100	3400	890	2600	<40	51	470	<40	<40	<40
GMW-36	12/22/10	63000	73000	---	---	---	6700	9600	1700	5600	<50	28	<500	<50	<50	<50
GMW-36	01/12/11	320000	130000	---	---	---	4600	2900	1400	9200	<200	<100	<2000	<200	<200	<200
GMW-36	02/24/11	1600	3900	---	---	---	110	77	19	130	<1	2.5	2200	<1	<1	<1
GMW-36	03/23/11	3200	2900	---	---	---	360	340	28	240	<3	7.6	2400	<3	<3	<3
GMW-36	04/29/11	1500	10000	---	---	---	75	67	6.8	113	<0.50	3.3	1700	<1	<1	<1
GMW-36	05/13/11	13000	11000	---	---	---	2300	2100	93	1640	<20	43	<200	<20	<20	<20
GMW-36	06/22/11	420	1500	---	---	---	24	12	2.8	29	<0.50	110	5900	<1	<1	<1
GMW-36	07/29/11	7300	3200	---	---	---	560	570	61	990	<10	350	4600	<10	<10	<10
GMW-36	08/19/11	13000	6200	---	---	---	570	1100	250	1900	<20	260	9000	<20	<20	<20
GMW-36	09/22/11	5200	2200	---	---	---	490	240	52	470	<5	660	7400	<5	<5	17
GMW-36	10/13/11	22000	160000	---	---	---	610	490	430	2200	<20	250	3700	<20	<20	43
GMW-36	11/23/11	630	34000	---	---	---	17	<2.5	<2.5	14	<5	110	6000	<5	<5	<5
GMW-36	12/21/11	700	560	---	---	---	59	55	14	65	<0.50	2.1	340	<1	<1	<1
GMW-36	01/10/12	380	290	---	---	---	78	1.6	5.1	13	<0.50	94	4900	<1	<1	1.3
GMW-36	02/23/12	45000	14000	---	---	---	5600	8900	1700	6600	<200	<100	<2000	<200	<200	<200
GMW-36	03/28/12	220	---	400	---	---	3.5	4.1	1.2	6.3	<0.50	1.5	130	<1	<1	<1
GMW-36	04/27/12	1300	---	710	---	---	43	<0.50	2.5	35	<1	64	4200	<1	<1	1.2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-36	05/25/12	280	---	440	---	---	<0.50	<0.50	<0.50	1.5	<1	14	6200	<1	<1	<1
GMW-36	06/15/12	460	---	380	---	---	17	4.1	5.5	50	<1	12	780	<1	<1	<1
GMW-36	07/11/12	5100	---	12000	---	---	<2.5	6.8	39	300	<5	<2.5	140	<5	<5	<5
GMW-36	09/26/12	14000	---	6600	---	---	35	11	<2.5	230	<5	17	100	<5	<5	<5
GMW-36	10/18/12	8800	---	12000	---	---	350	33	28	490	<5	70	100	<5	<5	<5
GMW-36	11/29/12	8400	---	6600	---	---	520	550	66	490	<10	190	<100	<10	<10	<10
GMW-36	04/12/13	560000	---	19000	---	---	7400	20000	8900	50000	<400	270	<4000	<400	<400	<400
GMW-36	10/11/13	120000	---	130000	---	---	9600	18000	3400	18000	<200	380	<2000	<200	<200	<200
GMW-36	10/28/15	19000	---	16000	---	---	2300	82	500	2700	<20	1500	710	<20	<20	<20
GMW-36	04/14/16	16000	---	13000	---	---	660	<10	170	1700	<20	540	1400	<20	<20	<20
GMW-36	04/19/17	6900	---	4000	---	---	1500	<10	140	<10	<0.50	1900	7800	<20	<20	36
GMW-36	10/05/17	630	---	340	---	---	48	1.3	25	14	1.8	27	2500 *	<1	<1	1.8
GMW-36	04/20/18	68	---	95	---	---	1.8	<0.50	0.51	4.9	<0.50	<0.50	210	<1	<1	<1
GMW-37	11/25/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-37	07/11/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
GMW-37	01/06/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-37	05/26/98	<300	---	---	---	---	<0.30	<0.30	<0.50	0.6	<0.50	<0.50	---	---	---	---
GMW-37	11/11/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	11	---	---	---	---
GMW-37	05/07/99	<500	---	<500	---	---	1.1	4.5	<0.50	1.9	<1	14	---	---	---	---
GMW-37	11/18/99	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	16	---	---	---	---
GMW-37	05/17/00	<300	760	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	16	---	---	---	---
GMW-37	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	34	---	---	---	---
GMW-37	02/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	54	---	---	---	---
GMW-37	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	11	---	---	---	---
GMW-37	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	49	---	---	---	---
GMW-37	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	---	---	---	---
GMW-37	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.2	---	---	---	---
GMW-37	10/22/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	49	---	---	---	---
GMW-37	01/29/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.75	---	---	---	---
GMW-37	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.86	---	---	---	---
GMW-37	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	10/06/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.3	---	---	---	---
GMW-37	01/27/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	07/19/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	---	---	---	---
GMW-37	11/02/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	02/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	08/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	02/27/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	05/02/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	09/18/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	12/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	11/14/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	04/16/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	10/14/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	04/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/19/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-37	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	11/26/96	---	---	---	---	---	1.8	<0.50	<0.50	<1.5	<0.50	7.7	---	---	---	---
GMW-38	07/10/97	<100	---	<500	---	---	<0.50	2	<0.50	0.83	<0.50	<5	---	---	---	---
GMW-38	01/05/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-38	05/21/98	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	1.2	---	---	---	---
GMW-38	11/12/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	25	---	---	---	---
GMW-38	05/07/99	<500	---	<500	---	---	<0.50	1.5	<0.50	<0.50	<1	7.9	---	---	---	---
GMW-38	11/18/99	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
GMW-38	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
GMW-38	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	---	---	---	---
GMW-38	02/01/02	---	---	---	---	---	<0.50	---	<0.50	<0.50	<0.50	1.7	---	---	---	---
GMW-38	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	10/23/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	01/29/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	---	---	---	---
GMW-38	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	10/06/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	01/28/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	---	---	---	---
GMW-38	07/19/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	11/02/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	02/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	---	---	---	---
GMW-38	08/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	02/28/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	---	---	---	---
GMW-38	05/02/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	09/18/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	12/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	03/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	05/05/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	08/30/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	11/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.74	<10	<1	<1	<1
GMW-38	07/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.55	27	<1	<1	<1
GMW-38	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	29	<1	<1	<1
GMW-38	03/15/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	07/13/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	<10	<1	<1	<1
GMW-38	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	01/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	07/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-38	10/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	01/10/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	07/10/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	01/15/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	11/21/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-39	07/10/97	<100	---	<500	---	---	<0.50	0.5	<0.50	<1	<0.50	<5	---	---	---	---
GMW-39	01/05/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-39	05/19/98	---	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	0.9	---	---	---	---
GMW-39	11/12/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.2	---	---	---	---
GMW-39	05/07/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	2.9	---	---	---	---
GMW-39	11/18/99	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	12	---	---	---	---
GMW-39	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	9.4	---	---	---	---
GMW-39	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	16	---	---	---	---
GMW-39	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-39	11/06/01	<300	<100	---	---	---	1.2	<0.50	<0.50	<0.50	<0.50	39	---	---	---	---
GMW-39	02/01/02	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	36	---	---	---	---
GMW-39	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	20	---	---	---	---
GMW-39	10/22/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	89	---	---	---	---
GMW-39	01/29/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	32	---	---	---	---
GMW-39	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	23	---	---	---	---
GMW-39	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	---	---	---	---
GMW-39	10/06/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.6	---	---	---	---
GMW-39	01/28/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	---	---	---	---
GMW-39	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.8	---	---	---	---
GMW-39	07/19/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	---	---	---	---
GMW-39	11/03/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	---	---	---	---
GMW-39	02/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
GMW-39	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-39	08/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-39	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-39	02/27/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	---	---	---	---
GMW-39	05/02/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-39	09/19/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	---	---	---	---
GMW-39	12/06/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4	---	---	---	---
GMW-39	03/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.5	---	---	---	---
GMW-39	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	---	---	---	---
GMW-39	08/29/07	<500	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	3.6	---	---	---	---
GMW-39	11/13/07	160	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	2.6	---	---	---	---
GMW-39	02/20/08	110	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	---	---	---	---
GMW-39	04/16/08	90	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	---	---	---	---
GMW-39	08/14/08	<100	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.1	---	---	---	---
GMW-39	10/15/08	<500	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	5.6	---	---	---	---
GMW-39	02/24/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3400	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-39	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4000	<1	<1	<1
GMW-39	07/21/09	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	2500	<1	<1	<1
GMW-39	10/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	2200	<1	<1	<1
GMW-39	03/16/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	130	<1	<1	<1
GMW-39	05/27/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	07/13/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	230	<1	<1	<1
GMW-39	10/07/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.75	550	<1	<1	<1
GMW-39	01/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	68	<1	<1	<1
GMW-39	04/13/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	07/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	96	<1	<1	<1
GMW-39	01/10/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	58	<1	<1	<1
GMW-39	04/19/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	38	<1	<1	<1
GMW-39	07/10/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	47	<1	<1	<1
GMW-39	01/15/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	54	<1	<1	<1
GMW-39	10/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	420	<1	<1	<1
GMW-39	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	20	<1	<1	<1
GMW-39	10/30/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	<10	<1	<1	<1
GMW-39	04/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.95	<10	<1	<1	<1
GMW-39	10/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	04/14/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<10	<1	<1	<1
GMW-39	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10	<1	<1	<1
GMW-40	11/27/96	400	---	<500	<500	---	0.5	<0.50	5.8	5.9	<0.50	<5	---	---	---	---
GMW-40	07/10/97	210	---	2600	<300	---	---	---	---	---	---	---	---	---	---	---
GMW-40	01/07/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-40	05/21/98	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-40	11/05/98	<300	<100	---	---	---	<0.50	<0.50	3.8	7.6	<0.50	<0.50	---	---	---	---
GMW-40	05/26/99	<300	<100	---	---	---	0.9	<0.50	<0.50	<0.50	<0.50	4.4	---	---	---	---
GMW-40	11/18/99	<300	220	---	---	---	2.8	<0.50	0.9	2.8	<0.50	9.3	---	---	---	---
GMW-40	05/17/00	<300	430	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	11	---	---	---	---
GMW-40	12/01/00	<300	320	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-40	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-40	11/08/01	<300	<100	---	---	---	<0.50	<0.50	1.1	3.1	<0.50	19	---	---	---	---
GMW-40	04/12/02	<300	<100	---	---	---	1.7	<0.50	0.7	0.9	<0.50	17	---	---	---	---
GMW-40	04/16/03	---	<100	---	---	---	5.17	<0.50	2.74	4.65	<0.50	54.7	---	---	---	---
GMW-40	10/08/03	---	170	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	52	---	---	---	---
GMW-40	04/22/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	39	<10	<2	<2	<2
GMW-40	11/06/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	05/07/05	---	<100	---	---	---	<0.50	<0.50	<0.50	0.7	<0.50	0.76	<10	<2	<2	<2
GMW-40	11/08/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<2	<2	<2
GMW-40	05/05/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.9	<10	<2	<2	<2
GMW-40	12/08/06	---	110	---	---	---	0.87	<0.50	<0.50	13.7	<0.50	15	<10	<2	<2	<2
GMW-40	05/03/07	---	440	---	---	---	3.7	<0.50	2.2	27	<0.50	46	63	<2	<2	<2
GMW-40	11/16/07	---	<100	---	---	---	0.61	<0.50	1.9	8.4	<0.50	<0.50	<10	<2	<2	<2
GMW-40	04/18/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	10/17/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<10	<2	<2	<2
GMW-40	04/24/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	10/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.4 J	<10	<2	<2	<2
GMW-40	04/14/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<2	<2	<2
GMW-40	10/06/10	<50	<100	---	---	---	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-40	10/08/13	120 b	---	460 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-40	04/14/14	<100	---	240 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	10/29/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-40	04/22/15	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-40	10/05/16	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-41	11/27/96	250	---	<500	<500	---	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---	---
GMW-41	07/10/97	75	---	1200	<1000	---	<5	<5	<5	<5	<5	<5	---	---	---	---
GMW-41	01/07/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-41	05/21/98	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-41	11/05/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	---	---	---	---
GMW-41	05/26/99	<300	116	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	11/18/99	<300	390	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	05/17/00	<300	280	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	11/30/00	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-41	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	04/12/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
GMW-41	10/24/02	<300	1000	---	---	---	<0.50	<1	<1	<1	<0.50	1.1	---	---	---	---
GMW-41	04/16/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	10/08/03	---	350	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.4	---	---	---	---
GMW-41	04/22/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	<10	<2	<2	<2
GMW-41	11/06/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	<10	<2	<2	<2
GMW-41	05/07/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	11/08/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	05/05/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	12/08/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	05/03/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<2	<2	<2
GMW-41	11/16/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	04/18/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	10/17/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	04/22/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	10/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.43 J	<10	<2	<2	<2
GMW-41	04/14/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	0.33 J	5.7 J	<2	<2	<2
GMW-41	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-41	10/06/10	---	---	---	<100	<0.50	---	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-41	04/11/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	10/11/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	04/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.4 J	<2	<2	<2
GMW-41	10/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	04/09/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	10/07/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5 J	<10	<2	<2	<2
GMW-41	10/28/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-41	04/22/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.2	<10	<2	<2	<2
GMW-41	10/05/16	<100	---	330	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-41	04/20/17	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-41	04/20/18	<100	---	690 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-42	11/05/98	7530	3340	---	---	---	800	<7.5	55	810	---	---	---	---	---	---
GMW-42	05/27/99	6510	14200	---	---	---	1100	110	60	580	---	---	---	---	---	---
GMW-42	11/18/99	7900	17000	---	---	---	810	490	180	1200	---	---	---	---	---	---
GMW-42	05/17/00	3800	20000	---	---	---	9.9	1.2	26	230	---	---	---	---	---	---
GMW-42	12/01/00	380	2700	---	---	---	1	<0.30	<0.30	<0.60	---	18	---	---	---	---
GMW-42	05/10/01	490	620	---	---	---	24	40	11	79	---	5.3	---	---	---	---
GMW-42	11/07/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	1.6	---	<5	---	---	---	---
GMW-42	04/10/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	7	---	---	---	---
GMW-42	10/09/13	<100	---	120 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-42	04/14/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-42	10/27/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-42	04/22/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-42	04/17/17	<100	---	<100	---	---	<0.50	<0.50	1.6	<1	<0.50	<1	<10	<2	<2	<2
GMW-42	10/03/17	<100	---	180	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-42	04/20/18	<100	---	140 l	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-43	11/27/96	620	---	<500	<500	---	<0.50	<0.50	<0.50	<1	---	---	---	---	---	---
GMW-43	07/10/97	<50	---	<50	<50	---	<0.50	<1	<1	<2	---	---	---	---	---	---
GMW-43	01/07/98	<500	---	<100	<100	---	0.3	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-43	05/21/98	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-43	11/05/98	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-43	05/27/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-43	11/18/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-43	05/17/00	<300	170	---	---	---	0.92	<0.30	0.45	<0.60	---	---	---	---	---	---
GMW-43	11/30/00	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-43	05/09/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-43	11/07/01	<300	150	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-43	04/11/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-43	10/23/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-43	04/14/03	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-43	10/08/03	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-43	04/21/04	---	<100	---	---	---	<0.50	<1	<1	<1	---	<1	---	---	---	---
GMW-43	11/06/04	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-43	05/10/05	---	<100	---	---	---	<0.30	0.68	<0.30	<0.30	---	<5	---	---	---	---
GMW-43	11/08/05	---	200	---	---	---	<0.30	0.47	<0.30	0.31	---	<5	---	---	---	---
GMW-43	05/04/06	---	180	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-43	12/08/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-43	05/03/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	8	---	---	---	---
GMW-43	11/15/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-43	04/17/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-43	10/16/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/23/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	<0.50	<0.50	<0.50
GMW-43	10/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/15/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<2	<2	<2
GMW-43	10/08/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-43	04/11/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	10/11/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	19	<2	<2	<2
GMW-43	10/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/08/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	10/07/13	<100	---	180 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/14/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	10/27/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-43	04/22/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-43	04/17/17	<100	---	550	---	---	<0.50	<0.50	0.98	<1	<0.50	<1	<10	<2	<2	<2
GMW-43	04/18/18	<100	---	660	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	11/27/96	820	---	<500	<500	---	<0.50	<0.50	<0.50	<1	---	---	---	---	---	---
GMW-44	07/10/97	68	---	1100	<1000	---	<0.50	<1	<1	<2	---	---	---	---	---	---
GMW-44	01/06/98	<500	---	700	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-44	05/21/98	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-44	11/05/98	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-44	05/27/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-44	11/18/99	<300	310	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-44	05/17/00	<300	240	---	---	---	<0.30	<0.30	<0.30	1.9	---	---	---	---	---	---
GMW-44	11/30/00	<300	280	---	---	---	0.98	<0.30	0.95	<0.60	---	<5	---	---	---	---
GMW-44	05/09/01	<300	190	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-44	11/07/01	<300	270	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-44	04/11/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-44	10/23/02	<300	120	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-44	04/14/03	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-44	10/08/03	---	230	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-44	04/21/04	---	160	---	---	---	<0.50	<1	<1	<1	---	<1	---	---	---	---
GMW-44	11/04/04	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-44	05/06/05	---	120	---	---	---	0.45	0.68	<0.30	<0.30	---	<5	---	---	---	---
GMW-44	11/08/05	---	<100	---	---	---	<0.30	<0.30	<0.30	0.39	---	<5	---	---	---	---
GMW-44	05/04/06	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-44	12/08/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-44	05/04/07	---	160	---	---	---	<0.50	<0.50	<0.50	<1	---	8.3	---	---	---	---
GMW-44	11/15/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-44	04/17/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-44	10/16/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/23/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	<0.50	<0.50	<0.50
GMW-44	10/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/15/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<2	<2	<2
GMW-44	10/08/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-44	04/11/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	10/11/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10	<2	<2	<2
GMW-44	10/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/08/13	---	---	100 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	10/07/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/14/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	10/27/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-44	04/22/15	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-44	10/05/16	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	04/20/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	10/03/17	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	04/18/18	160	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-45	11/22/96	23000	---	<500	<500	---	1100	230	580	2900	<0.50	---	---	---	---	---
GMW-45	07/09/97	1100	---	2700	<2000	---	330	<5	280	930	---	---	---	---	---	---
GMW-45	01/06/98	3200	---	3400	4700	---	286	1.3	188	543	---	---	---	---	---	---
GMW-45	05/20/98	4200	---	---	---	---	270	---	221	109	569	---	---	---	---	---
GMW-45	11/05/98	1400	<100	---	---	---	81	<0.30	40	75	---	---	---	---	---	---
GMW-45	05/27/99	3750	3890	---	---	---	420	<0.60	180	390	---	---	---	---	---	---
GMW-45	11/18/99	3960	3100	---	---	---	380	<3	140	100	---	---	---	---	---	---
GMW-45	05/17/00	5200	5500	---	---	---	620	8	87	37	---	---	---	---	---	---
GMW-45	11/29/00	2400	3100	---	---	---	330	1.3	6	4	---	<10	---	---	---	---
GMW-45	05/09/01	6500	4100	---	---	---	620	74	51	420	---	<50	---	---	---	---
GMW-45	11/07/01	5700	3000	---	---	---	730	<3	8.5	19	---	<50	---	---	---	---
GMW-45	04/10/02	9800	6500	---	---	---	900	21	69	240	---	240	---	---	---	---
GMW-45	10/23/02	3200	1300	---	---	---	770	5.5	120	290	---	<5	---	---	---	---
GMW-45	04/10/03	---	1570	---	---	---	344	10.8	5.56	10.1	---	<6	---	---	---	---
GMW-45	10/08/03	---	3400	---	---	---	470	<0.60	6.5	3.7	---	<10	---	---	---	---
GMW-45	04/21/04	---	1400	---	---	---	140	<1	2.5	<1	---	<1	---	---	---	---
GMW-45	11/04/04	---	1500	---	---	---	84	<0.30	3	2.9	---	<5	---	---	---	---
GMW-45	05/05/05	---	6900	---	---	---	670	17	520	720	---	<50	---	---	---	---
GMW-45	11/05/05	---	2200	---	---	---	340	0.46	130	250	---	10	---	---	---	---
GMW-45	05/03/06	---	2400	---	---	---	76	4.1	11	16	---	<5	---	---	---	---
GMW-45	12/05/06	---	1200	---	---	---	67	1.9	3.6	6.4	---	<5	---	---	---	---
GMW-45	05/02/07	---	1500	---	---	---	37	0.56	2	3	---	11	---	---	---	---
GMW-45	11/14/07	---	590	---	---	---	42	<0.50	<0.50	<1	---	9.6	---	---	---	---
GMW-45	04/16/08	---	1500	---	---	---	21	0.52	1.4	2.9	---	<5	---	---	---	---
GMW-45	10/15/08	---	---	---	---	730	9.7	<0.50	1.9	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-45	04/21/09	---	---	---	---	1200	11	<2	<2	<2	---	<2	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Well	Date	Results reported in micrograms per liter (µg/L)														
		TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-45	10/21/09	---	---	---	---	1600	15	<0.50	2.2	<0.50	<0.50	<0.50	<2	<2	<2	
GMW-45	04/12/10	---	---	---	---	1700	85	<0.50	2.6	0.28	---	<0.50	11	<2	<2	
GMW-45	10/07/10	---	---	---	---	1400	53	---	---	---	<0.50	<0.50	15	---	---	
GMW-45	04/14/11	---	---	---	---	1400	150	<0.50	3.6	0.94	<0.50	<0.50	<10	<2	<2	
GMW-45	10/11/11	---	---	---	---	1600	43	<0.33	1.8	0.29 J	<0.50	<0.50	41	<2	<2	
GMW-45	04/19/12	---	---	---	---	1700	28	0.24 J	1.9	0.8 J	<0.50	<0.50	28	<2	<2	
GMW-45	10/17/12	---	---	---	---	1300	44	<0.50	1.6	<0.50	<0.50	<0.50	20	<2	<2	
GMW-45	04/11/13	---	---	3400 b	---	---	24	<0.50	1.4	0.59 J	<0.50	<0.50	13	<2	<2	
GMW-45	10/30/14	1500	---	3700	---	---	0.78	<0.50	0.52	<1	<0.50	<2	<10	<2	<2	
GMW-45	10/10/16	2200	---	4500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	
GMW-47	11/27/96	9600	---	<500	<500	---	1800	<25	160	660	---	---	---	---	---	
GMW-47	07/09/97	420	---	93	<400	---	350	<1	170	79	---	---	---	---	---	
GMW-47	01/06/98	1900	---	<100	1800	---	438	11	75	253	<2.5	<2.5	---	---	---	
GMW-47	05/20/98	<300	---	---	---	---	1	<0.30	<0.30	<0.60	---	---	---	---	---	
GMW-47	11/05/98	1700	<100	---	---	---	910	4.9	18	140	---	---	---	---	---	
GMW-47	05/26/99	<300	<100	---	---	---	130	<0.30	0.33	3	---	---	---	---	---	
GMW-47	11/18/99	2100	1200	---	---	---	1100	0.77	5.8	27	---	---	---	---	---	
GMW-47	05/17/00	7200	8000	---	---	---	2300	700	200	1100	---	---	---	---	---	
GMW-47	11/29/00	990	1100	---	---	---	280	0.59	2.2	<0.60	---	<5	---	---	---	
GMW-47	03/30/01	---	<50	---	---	---	---	---	---	---	---	---	---	---	---	
GMW-47	05/09/01	7600	4100	---	---	---	1400	110	55	590	---	16	---	---	---	
GMW-47	11/07/01	1500	350	---	---	---	410	8.2	8.7	150	---	<50	---	---	---	
GMW-47	04/10/02	4100	1200	---	---	---	710	150	9.2	360	---	<25	---	---	---	
GMW-47	10/23/02	4000	2900	---	---	---	430	<5	26	99.9	<2.5	<5	---	---	---	
GMW-47	04/09/03	---	<100	---	---	---	1.37	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	
GMW-47	09/18/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	
GMW-47	10/08/03	140	380	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	
GMW-47	02/21/04	---	---	---	<100	---	4.2	<0.50	<0.50	<0.50	---	<0.50	---	---	---	
GMW-47	04/21/04	160	640	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	
GMW-47	07/21/04	330	330	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	
GMW-47	11/03/04	<100	430	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	
GMW-47	03/02/05	170	110	---	---	---	33	<1	5.8	<1	---	<1	---	---	---	
GMW-47	05/05/05	420	530	---	---	---	22	<0.50	6	17.55	<0.50	<0.50	<10	<2	<2	
GMW-47	08/04/05	<100	110	---	---	---	3.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	
GMW-47	11/05/05	<100	250	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	
GMW-47	03/08/06	<100	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	
GMW-47	05/03/06	<100	340	---	---	---	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	
GMW-47	07/28/06	<100	440	---	---	---	0.95	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	
GMW-47	12/05/06	<100	200	---	---	---	5.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	
GMW-47	03/23/07	<100	420	---	---	---	11	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	
GMW-47	05/02/07	<100	320	---	---	---	4.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	
GMW-47	08/31/07	<100	400	---	---	---	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	
GMW-47	11/13/07	<100	180	---	---	---	0.83	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	
GMW-47	02/07/08	<100	290	---	---	---	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	
GMW-47	04/16/08	<100	270	---	---	---	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	
GMW-47	07/29/08	<100	450	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	
GMW-47	10/15/08	<100	---	---	---	300	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	
GMW-47	02/12/09	170	---	---	---	460	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	
GMW-47	04/20/09	180	---	---	---	730	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	
GMW-47	07/20/09	200	---	---	---	1400	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15	<2	<2	
GMW-47	10/19/09	170	---	---	---	1200	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15	<2	<2	
GMW-47	01/11/10	---	---	---	---	1300	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	17	<2	<2	
GMW-47	04/19/10	---	---	---	---	930	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	13	<2	<2	
GMW-47	10/06/10	---	---	---	---	1800	0.35 J	---	---	---	<0.50	<0.50	16	---	---	
GMW-47	01/11/11	---	---	---	---	1600	5.2	<0.50	0.75	<0.50	<0.50	1.2	17	<2	<2	
GMW-47	04/14/11	---	---	---	---	1800	0.36 J	<0.50	0.27 J	<0.50	<0.50	2.6	<10	<2	<2	

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-47	07/12/11	---	---	---	---	3000	0.54	<0.50	0.58	<0.50	<0.50	3.8	32	<2	<2	<2
GMW-47	10/11/11	---	---	---	---	3900	0.55	<0.50	0.99	0.32 J	<0.50	6.1	46	<2	<2	<2
GMW-47	01/10/12	---	---	---	---	2900	0.63	<0.50	0.74	0.36 J	<0.50	7.9	110	<2	<2	<2
GMW-47	04/20/12	---	---	---	---	2300	0.52	<0.50	0.68	0.31 J	<0.50	5	310	<2	<2	<2
GMW-47	07/10/12	---	---	---	---	2600	0.15 J	<0.50	0.29 J	0.31	<0.50	6.5	250	<2	<2	<2
GMW-47	10/17/12	---	---	---	---	1400	0.46 J	<0.50	0.17 J	<0.50	<0.50	4.5	310	<2	<2	<2
GMW-47	01/15/13	---	---	580 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	320	<2	<2	<2
GMW-47	04/11/13	---	---	1500 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	5.4	150	<2	<2	<2
GMW-47	10/08/13	<100	---	990 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.8	490	<2	<2	<2
GMW-47	04/16/14	<100	---	1500 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6	280	<2	<2	<2
GMW-47	10/29/14	<100	---	2100	---	---	<0.50	<0.50	<0.50	<1	<0.50	5.8	130	<2	<2	<2
GMW-47	04/28/15	<100	---	2100	---	---	<0.50	<0.50	<0.50	<1	<0.50	5.9	350	<2	<2	<2
GMW-47	10/26/15	<100	---	1300	---	---	<0.50	<0.50	<0.50	<1	<0.50	4.8	31	<2	<2	<2
GMW-47	04/14/16	<100	---	450	---	---	<0.50	<0.50	<0.50	<1	<0.50	5.7	<10	<2	<2	<2
GMW-47	10/07/16	<100	---	2000	---	---	<0.50	<0.50	<0.50	<1	<0.50	4.9	120	<2	<2	<2
GMW-47	04/21/17	<100	---	860	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-47	10/04/17	<100	---	980	---	---	<0.50	<0.50	<0.50	<1	<0.50	8.6	410	<2	<2	<2
GMW-47	04/23/18	<100	---	890	---	---	0.61	<0.50	<0.50	<1	<0.50	6.5	220	<2	<2	<2
GMW-48	11/22/96	56000	---	<500	<500	---	10000	1800	1500	6900	0.8	---	---	---	---	---
GMW-48	10/09/13	1200 b	---	3100 b	---	---	450	0.49 J	1.3	1.48	<0.50	0.78	32	<2	<2	<2
GMW-48	04/17/14	1800 b	---	1900 b	---	---	400	<1.2	1.7	1.27	<1.2	<1.2	44	<5	<5	<5
GMW-48	10/31/14	2600	---	3100	---	---	450	<0.50	2.1	<1	<0.50	<2	21	<2	<2	<2
GMW-48	04/29/15	1000	---	2400	---	---	300	<2.5	2.5	<5	<2.5	<10	<50	<10	<10	<10
GMW-48	10/26/15	1500	---	1800	---	---	170	<2.5	18	130	<2.5	<10	<50	<10	<10	<10
GMW-48	10/11/16	470	---	1100	---	---	200	<1	<1	<2	<1	<2	<20	<4	<4	<4
GMW-48	04/21/17	460	---	1500	---	---	190	<0.50	0.5	<1	<0.50	<1	<10	<2	<2	<2
GMW-48	10/09/17	360	---	1400	---	---	190	<1	<1	<2	<1	<2	<20	<4	<4	<4
GMW-48	04/23/18	280	---	810	---	---	130	<2.5	<2.5	<5	<2.5	<5	<50	<10	<10	<10
GMW-50	01/10/12	---	---	---	---	820	48	<0.50	0.24 J	2.5	<0.50	0.47 J	9.6 J	<2	<2	<2
GMW-50	04/14/16	<100	---	440	---	---	35	<0.50	<0.50	<1	<0.50	1.3	<10	<2	<2	<2
GMW-54	04/22/15	<100	---	1800	---	---	<0.50	<0.50	<0.50	<1	<0.50	2.3	<10	<2	<2	<2
GMW-54	04/21/17	<100	---	850	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	11/05/98	<300	<100	---	---	---	<0.30	<0.30	16	<0.60	---	---	---	---	---	---
GMW-56	05/27/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-56	11/18/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-56	05/17/00	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-56	11/29/00	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-56	05/09/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-56	11/07/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-56	04/10/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	12	---	---	---	---
GMW-56	04/10/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	10/08/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	04/21/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	11/04/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	05/05/05	---	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	11/05/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	05/03/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	12/08/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	05/02/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	11/14/07	---	<100	---	---	---	<0.50	<0.50	<0.50	0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	04/16/08	---	<100	---	---	---	<0.50	<0.50	<0.50	0.94	<0.50	<0.50	<10	<2	<2	<2
GMW-56	10/15/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	04/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	10/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.2 J	<2	<2	<2
GMW-56	04/12/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	04/15/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-56	10/08/13	<100	---	190 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	04/15/14	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	10/27/14	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-56	04/22/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-56	04/13/16	<100	---	<100	---	---	<0.50	<0.50	0.62	0.73	<0.50	<1	<10	<2	<2	<2
GMW-56	10/04/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	04/18/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	10/03/17	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	04/17/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-57	11/05/98	<300	<100	---	---	---	12	0.63	4.5	0.97	---	---	---	---	---	---
GMW-57	05/26/99	379	<100	---	---	---	150	15	12	55	---	---	---	---	---	---
GMW-57	11/18/99	4000	3600	---	---	---	950	240	150	750	---	---	---	---	---	---
GMW-57	05/17/00	17000	<100	---	---	---	3200	2200	750	4300	---	---	---	---	---	---
GMW-57	11/29/00	11000	7100	---	---	---	2300	21	340	1800	---	<100	---	---	---	---
GMW-57	03/30/01	---	1800	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-57	05/09/01	28000	12000	---	---	---	3300	3100	690	3600	---	<50	---	---	---	---
GMW-57	11/07/01	19000	11000	---	---	---	3900	1600	390	3400	---	<500	---	---	---	---
GMW-57	04/10/02	5000	5300	---	---	---	720	150	8.2	360	<2.5	<2.5	---	---	---	---
GMW-57	10/23/02	1700	2000	---	---	---	690	<0.30	3.2	5.7	---	<5	---	---	---	---
GMW-57	04/09/03	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-57	09/18/03	---	170	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-57	10/11/03	200	650	---	---	---	47	<0.50	0.57	<0.50	<0.50	<0.50	---	---	---	---
GMW-57	02/21/04	---	---	---	470	---	190	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
GMW-57	04/21/04	110	710	---	---	---	21	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/21/04	340	720	---	---	---	48	<0.50	<0.50	<0.50	---	<0.50	270	57	54	50
GMW-57	11/03/04	120	270	---	---	---	22	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	03/02/05	400	170	---	---	---	190	<1	2.5	<1	---	<1	---	---	---	---
GMW-57	05/05/05	280	170	---	---	---	57	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	08/04/05	170	430	---	---	---	120	<0.50	0.54	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	11/05/05	120	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	03/08/06	180	180	---	---	---	4.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	05/03/06	<100	280	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/28/06	180	1100	---	---	---	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	12/05/06	<100	290	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	03/23/07	120	540	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	05/02/07	120	720	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	08/31/07	110	700	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	11/13/07	160	450	---	---	---	0.72	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	02/07/08	150	720	---	---	---	4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/16/08	<100	540	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/29/08	<100	390	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/15/08	<100	---	---	---	---	210	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	02/12/09	<100	---	---	---	---	140	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/20/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/21/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/19/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8.1 J	<2	<2	<2
GMW-57	01/11/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/12/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/06/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-57	01/10/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/11/11	---	---	---	---	<100	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/11/11	---	---	---	---	---	130	10	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/11/11	---	---	---	---	<100	1.6	<0.50	<0.50	0.48 J	<0.50	<0.50	<10	<2	<2	<2
GMW-57	01/09/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/17/12	---	---	---	---	---	200	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/09/12	---	---	---	---	---	330	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Results reported in micrograms per liter (µg/L)													
		TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE
GMW-57	10/16/12	---	---	---	---	110	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	01/14/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/08/13	---	---	180 b	---	---	<0.50	<0.50	<0.50	<0.50	0.54	<10	<2	<2	<2
GMW-57	10/08/13	<100	---	140 b	---	---	0.34 J	<0.50	<0.50	0.99	<0.50	0.74	<10	<2	<2
GMW-57	04/16/14	<100	---	340 b	---	---	<0.50	<0.50	<0.50	<0.50	0.68	<10	<2	<2	<2
GMW-57	10/29/14	140	---	380	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2
GMW-57	04/28/15	<100	---	310	---	---	<0.50	<0.50	<0.50	<1	<0.50	3	<10	<2	<2
GMW-57	10/22/15	<100	---	440	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2
GMW-57	04/13/16	<100	---	400	---	---	<0.50	<0.50	0.8	2.8	<0.50	<1	<10	<2	<2
GMW-57	10/07/16	<100	---	570	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.4	<10	<2	<2
GMW-57	04/20/17	<100	---	670	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.7	<10	<2	<2
GMW-57	10/04/17	<100	---	380	---	---	<0.50	<0.50	<0.50	<1	<0.50	5.1	52	<2	<2
GMW-57	04/17/18	<100	---	370	---	---	<0.50	<0.50	<0.50	<1	<0.50	4.8	72	<2	<2
GMW-58	11/04/98	2590	1700	---	---	---	200	210	67	280	---	---	---	---	---
GMW-58	05/26/99	1360	451	---	---	---	310	62	42	170	---	---	---	---	---
GMW-58	11/18/99	1600	1900	---	---	---	82	26	20	100	---	---	---	---	---
GMW-58	05/17/00	21000	36000	---	---	---	3500	5900	730	3900	---	---	---	---	---
GMW-58	03/02/05	5800	22000	---	---	---	1700	<20	250	400	---	<20	---	---	---
GMW-58	05/05/05	12000	36000	---	---	---	410	<2.5	13	600	<2.5	<2.5	<50	<10	<10
GMW-58	08/04/05	5800	24000	---	---	---	500	<2.5	56	124	<2.5	<2.5	<50	<10	<10
GMW-58	11/05/05	6300	9700	---	---	---	560	<2.5	380	196	<2.5	<2.5	<50	<10	<10
GMW-58	03/08/06	5300	34000	---	---	---	250	<2.5	140	21.1	<2.5	<2.5	<50	<10	<10
GMW-58	05/03/06	2900	16000	---	---	---	260	<1	85	27.3	<1	<1	<20	<4	<4
GMW-58	07/28/06	3200	15000	---	---	---	310	<1	78	22.7	<1	<1	<20	<4	<4
GMW-58	03/23/07	1700	4100	---	---	---	350	<1	5.9	<1	<1	<1	<20	<4	<4
GMW-58	05/02/07	2200	2500	---	---	---	320	<1	9.5	<1	<1	<1	<20	<4	<4
GMW-58	08/31/07	3000	2400	---	---	---	240	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10
GMW-58	11/13/07	2000	720	---	---	---	240	<1	7.4	<1	<1	<1	<20	<4	<4
GMW-58	02/07/08	1100	5000	---	---	---	270	<1	1.8	<1	<1	<1	<20	<4	<4
GMW-58	04/16/08	1100	720	---	---	---	310	<2.5	<2.5	<2.5	8.4	<2.5	<50	<10	<10
GMW-58	07/29/08	870	750	---	---	---	45	<0.50	<0.50	<0.50	<0.50	0.77	<10	<2	<2
GMW-58	10/15/08	1200	---	---	---	840	62	<0.50	0.67	0.62	<0.50	<0.50	<10	<2	<2
GMW-58	02/12/09	1000	---	---	---	2200	36	<0.50	0.85	<0.50	<0.50	0.55	<10	<2	<2
GMW-58	04/20/09	130	---	---	---	230	<0.50	<0.50	<0.50	<0.50	<0.50	13	<10	<2	<2
GMW-58	07/20/09	100	---	---	---	300	1.2	<0.50	<0.50	<0.50	<0.50	6.4	<10	<2	<2
GMW-58	10/19/09	1000	---	---	---	2200	9.5	<0.50	0.24 J	<0.50	<0.50	1.5	6 J	<2	<2
GMW-58	01/11/10	---	---	---	---	190	9.7	<0.50	<0.50	<0.50	<0.50	1.7	3.8 J	<2	<2
GMW-58	04/19/10	---	---	---	---	300	12	<0.50	<0.50	<0.50	<0.50	0.81	5.7 J	<2	<2
GMW-58	10/06/10	---	---	---	---	170	8.6	---	---	---	<0.50	<0.50	<10	---	---
GMW-58	01/10/11	---	---	---	---	410	5.8	<0.50	<0.50	<0.50	<0.50	0.46 J	<10	<2	<2
GMW-58	04/13/11	---	---	---	---	1300	94	<0.50	0.35 J	<0.50	<0.50	<0.50	<10	<2	<2
GMW-58	07/11/11	---	---	---	---	220	31	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2
GMW-58	10/11/11	---	---	---	---	350	27	<0.50	<0.50	<0.50	<0.50	0.65	<10	<2	<2
GMW-58	04/18/12	---	---	---	---	710	28	<0.50	0.18 J	0.48 J	0.82	0.54	<10	<2	<2
GMW-58	07/10/12	---	---	---	---	890	27	<0.50	<0.50	<0.50	<0.50	0.46 J	18	<2	<2
GMW-58	10/17/12	---	---	---	---	790	18	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2
GMW-58	01/15/13	---	---	420 b	---	---	8.7	<0.50	<0.50	0.32	<0.50	<0.50	17	<2	<2
GMW-58	04/10/13	---	---	1600 b	---	---	6.7	<0.50	<0.50	<0.50	<0.50	0.46 J	25	<2	<2
GMW-58	10/08/13	460 b	---	1200 b	---	---	4.7	<0.50	<0.50	<0.50	<0.50	0.43 J	15	<2	<2
GMW-58	04/16/14	600 b	---	920 b	---	---	12	<0.50	0.24 J	<0.50	<0.50	0.64	17	<2	<2
GMW-58	10/29/14	280	---	---	---	---	37	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2
GMW-58	04/28/15	<100	---	410	---	---	1.1	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2
GMW-58	04/15/16	<100	---	290	---	---	1.3	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2
GMW-58	04/20/17	150	---	1400	---	---	1.6	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2
GMW-58	10/09/17	<100	---	960	---	---	21	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2
GMW-59	11/04/98	9880	12400	---	---	---	950	600	210	620	---	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-59	11/29/00	67000	21000	---	---	---	3500	900	750	3600	---	<130	---	---	---	---
GMW-59	04/10/03	---	29600	---	---	---	261	4.8	18.4	110	---	<3	---	---	---	---
GMW-59	10/08/03	---	4900	---	---	---	760	<3	65	450	---	<50	---	---	---	---
GMW-59	04/21/04	---	5000	---	---	---	590	<1	100	275.6	---	380	---	---	---	---
GMW-59	11/03/04	---	4000	---	---	---	95	<0.60	15	18	---	<10	---	---	---	---
GMW-59	03/02/05	4200	23000	---	---	---	400	<5	130	22	---	35	---	---	---	---
GMW-59	05/05/05	11000	9400	---	---	---	170	<0.50	60	7.8	<0.50	11	<10	<2	<2	<2
GMW-59	08/04/05	6400	17000	---	---	---	140	<1	56	6.6	<1	<1	<20	<4	<4	<4
GMW-59	11/05/05	9500	26000	---	---	---	270	<0.50	26	2.2	<0.50	<0.50	<10	<2	<2	<2
GMW-59	03/08/06	4600	13000	---	---	---	260	<1	7.4	<1	<1	<1	<20	<4	<4	<4
GMW-59	05/03/06	9900	9300	---	---	---	210	<1	4	<1	<1	<1	<20	<4	<4	<4
GMW-59	07/28/06	3200	37000	---	---	---	540	<1	3.1	<1	<1	4.8	<20	<4	<4	<4
GMW-59	12/05/06	---	9000	---	---	---	800	4.3	5.2	11	---	<10	---	---	---	---
GMW-59	03/23/07	8200	15000	---	---	---	840	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
GMW-59	05/02/07	4800	7400	---	---	---	1100	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
GMW-59	08/31/07	4800	3500	---	---	---	720	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
GMW-59	11/13/07	4700	2200	---	---	---	660	<5	<5	<5	<5	<5	<100	<20	<20	<20
GMW-59	02/07/08	3200	3900	---	---	---	490	<2.5	3.8	<2.5	<2.5	2.7	<50	<10	<10	<10
GMW-59	04/16/08	3600	2100	---	---	---	580	<2.5	3.5	<2.5	15	3.7	<50	<10	<10	<10
GMW-59	07/29/08	2300	2900	---	---	---	580	<2.5	<2.5	<2.5	<2.5	3.3	<50	<10	<10	<10
GMW-59	10/15/08	2500	---	---	---	2400	830	<2.5	<2.5	<2.5	<2.5	5.5	<50	<10	<10	<10
GMW-59	02/12/09	2500	---	---	---	2600	650	<2.5	<2.5	<2.5	<2.5	3.2	<50	<10	<10	<10
GMW-59	04/20/09	8500	---	---	---	19000	610	<2.5	<2.5	<2.5	<2.5	2.7	<50	<10	<10	<10
GMW-59	07/20/09	6700	---	---	---	11000	520	<2.5	<2.5	<2.5	<2.5	3.5	<50	<10	<10	<10
GMW-59	10/21/09	2600	---	---	---	3000	1700	<2.5	1.4 J	<2.5	<2.5	16	18 J	<10	<10	<10
GMW-59	01/11/10	---	---	---	---	1900	2200	<10	<10	<10	<10	17	<200	<40	<40	<40
GMW-59	04/19/10	2900	---	---	---	1700	570	<0.50	1.9	<0.50	<0.50	2.3	11	<2	<2	<2
GMW-59	10/06/10	850	---	---	---	1500	87	---	---	---	<0.50	3.5	17	---	---	---
GMW-59	01/11/11	2500	---	---	---	4100	1100	<0.50	1.1	<0.50	<0.50	8.8	23	<2	<2	<2
GMW-59	04/14/11	10000	---	---	---	3800	130	<0.50	0.85	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-59	07/12/11	1400	---	---	---	1700	14	<0.50	0.43 J	<0.50	<0.50	<0.50	8 J	<2	<2	<2
GMW-59	10/11/11	<1800	---	---	---	2500	130	<0.24	0.78	<0.50	<0.50	2.1	13	<2	<2	<2
GMW-59	01/10/12	2800	---	---	---	2600	340	0.24 J	0.54	<0.50	<0.50	5.2	16	<2	<2	<2
GMW-59	04/20/12	3100	---	---	---	3800	870	0.27 J	0.85	0.24 J	<0.50	8.4	36	<2	<2	<2
GMW-59	07/10/12	---	---	---	---	6300	1100	<5	1.5 J	<5	<5	9.7	<100	<20	<20	<20
GMW-59	10/19/12	3,400	---	---	---	4800	1000	<5	1.8 J	<5	<5	7.8	<100	<20	<20	<20
GMW-59	01/15/13	2400	---	1500 b	---	---	670	<2.5	1.6 J	<2.5	<2.5	7.4	<50	<10	<10	<10
GMW-59	04/12/13	2500 bD	---	8200	---	---	680	<2.5	2.2 J	<2.5	<2.5	6.6	<50	<10	<10	<10
GMW-59	10/09/13	1400 b	---	3100 b	---	---	240	<0.50	0.76	0.3	<0.50	5.1	<10	<2	<2	<2
GMW-59	04/18/14	5600 b	---	7700 b	---	---	170	<0.50	1.5	0.99	<0.50	3.5	14	<2	<2	<2
GMW-59	11/03/14	1500	---	2000	---	---	300	<0.50	2000	0.93	<1	<0.50	<2	<10	<2	<2
GMW-59	04/29/15	910	---	1600	---	---	150	<2.5	<2.5	<5	<2.5	<10	<50	<10	<10	<10
GMW-59	10/26/15	3000	---	2600	---	---	180	<5	34	240	<5	<20	<100	<20	<20	<20
GMW-59	04/14/16	640	---	3300	---	---	87	<0.50	<0.50	<1	<0.50	1	<10	<2	<2	<2
GMW-59	10/11/16	470	---	1800	---	---	110	<1	<1	<2	<1	<2	<20	<4	<4	<4
GMW-59	04/21/17	400	---	1300	---	---	130	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-59	10/09/17	210	---	960	---	---	17	<1	<1	<2	<1	<2	<20	<4	<4	<4
GMW-59	04/23/18	<100	---	770	---	---	0.81	<0.50	<0.50	0.5	<0.50	<1	<10	<2	<2	<2
GMW-60	07/21/04	15000	5300	---	---	---	1700	160	710	2050	---	<0.50	---	---	---	---
GMW-60	11/03/04	12000	3500	---	---	---	1700	70	900	1780	<5	<5	<100	<20	<20	<20
GMW-60	03/02/05	8300	4900	---	---	---	1300	<20	860	2040	---	<20	---	---	---	---
GMW-60	05/05/05	9400	4600	---	---	---	1100	<5	790	1740	<5	<5	<100	<20	<20	<20
GMW-60	08/04/05	6200	5600	---	---	---	1000	<5	680	1070	<5	<5	<100	<20	<20	<20
GMW-60	11/05/05	7200	4400	---	---	---	970	<5	710	1130	<5	<5	<100	<20	<20	<20
GMW-60	03/08/06	5900	5200	---	---	---	680	<5	640	800	<5	<5	<100	<20	<20	<20
GMW-60	05/03/06	3900	2200	---	---	---	770	<5	230	235	<5	<5	<100	<20	<20	<20

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-60	07/28/06	4600	4900	---	---	---	850	<5	170	102	<5	<5	<100	<20	<20	<20
GMW-60	12/05/06	4100	920	---	---	---	660	<5	130	92	<5	<5	<100	<20	<20	<20
GMW-60	03/23/07	3500	1700	---	---	---	490	<2.5	87	80	<2.5	<2.5	<50	<10	<10	<10
GMW-60	05/02/07	2800	630	---	---	---	300	<2.5	18	23	<2.5	<2.5	<50	<10	<10	<10
GMW-60	08/31/07	2000	660	---	---	---	250	<2.5	18	5.9	<2.5	<2.5	<50	<10	<10	<10
GMW-60	11/13/07	1500	<100	---	---	---	180	<0.50	21	4.3	<0.50	<0.50	<10	<2	<2	<2
GMW-60	02/07/08	1700	290	---	---	---	270	0.8	65	47.9	<0.50	<0.50	<10	<2	<2	<2
GMW-60	04/16/08	1400	920	---	---	---	160	<1	24	<1	<1	<1	<20	<4	<4	<4
GMW-60	07/29/08	2000	610	---	---	---	240	<1	3.9	<1	<1	<1	<20	<4	<4	<4
GMW-60	10/15/08	1400	---	---	---	270	220	<1	2.7	<1	<1	<1	<20	<4	<4	<4
GMW-60	02/12/09	1600	---	---	---	490	200	<1	2.5	<1	<1	<1	<20	<4	<4	<4
GMW-60	04/20/09	3500	---	---	---	1100	800	<5	7.9	<5	<5	<5	<100	<20	<20	<20
GMW-60	07/20/09	3200	---	---	---	1700	940	<5	11	<5	<5	<5	<100	<20	<20	<20
GMW-60	10/19/09	2600	---	---	---	930	800	<5	8.8	<5	<5	<5	<100	<20	<20	<20
GMW-60	01/11/10	---	---	---	---	<100	940	<5	12	<5	<5	<1	<100	<20	<20	<20
GMW-60	04/13/10	1900	---	---	---	1300	580	<0.50	8.7	0.26	<0.50	<0.50	<10	<2	<2	<2
GMW-60	10/06/10	560	---	---	---	1900	770	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-60	01/11/11	3200	---	---	---	2100	870	<0.50	12	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-60	04/15/11	2100	---	---	---	1200	590	<0.50	9.8	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-60	07/12/11	2200	---	---	---	1500	560	<0.50	10	0.27 J	<0.50	<0.50	8.8 J	<2	<2	<2
GMW-60	10/11/11	2300	---	---	---	1500	510	<0.50	9.1	0.38 J	<0.50	<0.50	<10	<2	<2	<2
GMW-60	01/10/12	2100	---	---	---	990	210	0.3 J	7.3	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-60	04/20/12	1200	---	---	---	1300	13	<0.50	3.1	0.36 J	<0.50	<0.50	14	<2	<2	<2
GMW-60	07/10/12	---	---	---	---	1200	5.1	<0.50	0.7	0.24	<0.50	<0.50	69	<2	<2	<2
GMW-60	10/17/12	630 b	---	---	---	1100	1.5	<0.50	0.4 J	<0.50	<0.50	<0.50	280	<2	<2	<2
GMW-60	01/15/13	610	---	460 b	---	---	4.3	<0.50	0.37 J	<0.50	<0.50	<0.50	620	<2	<2	<2
GMW-60	04/11/13	1000 b	---	3200 b	---	---	61	<0.50	1.6	0.73 J	<0.50	<0.50	460	<2	<2	<2
GMW-60	10/09/13	920 b	---	2300 b	---	---	25	<0.50	0.7	0.59	<0.50	<0.50	800	<2	<2	<2
GMW-60	04/17/14	650	---	2700 b	---	---	11	<1	0.3 J	<1	<1	<1	1200	<4	<4	<4
GMW-60	10/30/14	470	---	1500	---	---	8.6	<0.50	<0.50	<1	<0.50	<2	680	<2	<2	<2
GMW-60	04/28/15	330	---	2000	---	---	3.1	<0.50	<0.50	<1	<0.50	<2	1600	<2	<2	<2
GMW-60	10/26/15	<100	---	870	---	---	0.98	<0.50	<0.50	<1	<0.50	<2	43	<2	<2	<2
GMW-60	04/13/16	110	---	100	---	---	5.1	<0.50	0.69	2.6	<0.50	<1	<10	<2	<2	<2
GMW-60	10/07/16	<100	---	870	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-60	04/20/17	220	---	1200	---	---	26	<0.50	2.4	<1	<0.50	<1	55	<2	<2	<2
GMW-60	10/09/17	<100	---	430	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-60	04/17/18	<100	---	210	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-61	07/21/04	19000	14000	---	---	---	2400	1700	1000	4000	---	<0.50	---	---	---	---
GMW-61	11/03/04	23000	5700	---	---	---	2500	2200	1200	5000	<5	<5	<100	<20	<20	<20
GMW-61	03/02/05	20000	10000	---	---	---	2700	1900	1100	5900	---	<20	---	---	---	---
GMW-61	05/05/05	11000	7000	---	---	---	2000	310	840	2500	<10	<10	<200	<40	<40	<40
GMW-61	08/04/05	11000	12000	---	---	---	1900	740	740	3500	<10	<10	<200	<40	<40	<40
GMW-61	11/05/05	16000	10000	---	---	---	2600	480	1100	4900	<10	<10	<200	<40	<40	<40
GMW-61	03/08/06	11000	7900	---	---	---	2100	280	1000	2700	<10	<10	<200	<40	<40	<40
GMW-61	05/03/06	9600	7300	---	---	---	1900	89	810	2030	<10	<10	<200	<40	<40	<40
GMW-61	07/28/06	7200	9900	---	---	---	1400	20	460	1290	<10	<10	<200	<40	<40	<40
GMW-61	12/05/06	7900	4000	---	---	---	1500	19	330	2050	<5	<5	<100	<20	<20	<20
GMW-61	03/23/07	7500	3100	---	---	---	1200	16	220	1340	<5	<5	<100	<20	<20	<20
GMW-61	05/02/07	11000	3000	---	---	---	1600	27	290	2090	<5	<5	<100	<20	<20	<20
GMW-61	08/31/07	9200	1600	---	---	---	1500	17	190	1170	<0.50	<0.50	<10	<2	<2	<2
GMW-61	11/13/07	2300	<100	---	---	---	580	6.3	99	360	<5	<5	<100	<20	<20	<20
GMW-61	02/07/08	2600	890	---	---	---	330	8.6	70	363	<2.5	<2.5	<50	<10	<10	<10
GMW-61	04/16/08	2000	1100	---	---	---	480	5	64	399	<2.5	<2.5	<50	<10	<10	<10
GMW-61	07/29/08	1500	790	---	---	---	400	<2.5	28	129.3	<2.5	<2.5	<50	<10	<10	<10
GMW-61	10/15/08	1300	---	---	---	500	450	<2.5	34	149.5	<2.5	<2.5	<50	<10	<10	<10
GMW-61	02/12/09	1100	---	---	---	<100	340	<2.5	13	57	<2.5	<2.5	<50	<10	<10	<10

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME	
GMW-61	04/20/09	1100	---	---	---	550	490	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10	
GMW-61	07/20/09	760	---	---	---	560	350	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10	
GMW-61	10/19/09	620	---	---	---	410	320	<2.5	1.2 J	<2.5	<2.5	<2.5	<50	<10	<10	<10	
GMW-61	01/11/10	---	---	---	---	<100	190	<1	0.99 J	<1	<1	<1	<20	<4	<4	<4	
GMW-61	04/15/10	740	---	---	---	500	380	<0.50	1.7	<0.50	<0.50	<0.50	3.7 J	<2	<2	<2	
GMW-61	10/06/10	1200	---	---	---	550	100	---	---	---	<0.50	<0.50	<10	---	---	---	
GMW-61	01/10/11	800	---	---	---	910	190	<0.50	1.8	0.48	<0.50	<0.50	<10	<2	<2	<2	
GMW-61	04/14/11	790	---	---	---	700	110	<0.50	1.2	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-61	07/12/11	230	---	---	---	240	6.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-61	10/11/11	140	---	---	---	<100	<0.50	<0.70	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-61	01/10/12	210	---	---	---	100	0.15 J	1.1	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-61	04/19/12	190	---	---	---	250	9.1	0.63	0.2 J	0.33 J	<0.50	<0.50	27	<2	<2	<2	
GMW-61	07/10/12	---	---	---	---	510	110	0.29 J	0.87	0.28	<0.50	<0.50	14	<2	<2	<2	
GMW-61	10/19/12	1500 b	---	---	---	800	290	0.87	2.5	0.63	<0.50	<0.50	<10	<2	<2	<2	
GMW-61	01/15/13	130	---	140 b	---	---	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	69	<2	<2	<2	
GMW-61	04/11/13	<100	---	340 b	---	---	0.43 J	<0.50	<0.50	<0.50	<0.50	<0.50	60	<2	<2	<2	
GMW-61	10/08/13	130 b	---	390 b	---	---	9.4	<0.50	<0.50	<0.50	<0.50	<0.50	210	<2	<2	<2	
GMW-61	04/17/14	220 b	---	190 b	---	---	9.9	<0.50	0.18 J	0.31	<0.50	<0.50	55	<2	<2	<2	
GMW-61	10/29/14	120	---	200	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	110	<2	<2	<2	
GMW-61	04/28/15	130	---	260	---	---	12	<0.50	<0.50	<1	<0.50	<2	130	<2	<2	<2	
GMW-61	04/14/16	<100	---	330	---	---	0.65	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GMW-61	10/07/16	<100	---	390	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GMW-61	04/20/17	140	---	1200	---	---	18	<0.50	<0.50	5.6	<0.50	<1	<10	<2	<2	<2	
GMW-61	10/09/17	<100	---	1000	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GMW-61	04/23/18	<100	---	440	---	---	0.61	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GMW-62	11/14/07	4200	<100	---	---	---	1400	85	160	92	<5	<5	<100	<20	<20	<20	
GMW-62	02/07/08	4100	1400	---	---	---	2100	190	450	610	<5	<5	<100	<20	<20	<20	
GMW-62	04/17/08	1000	500	---	---	---	430	15	50	23.9	<5	<5	<100	<20	<20	<20	
GMW-62	07/29/08	2400	1000	---	---	---	1300	33	160	109	<2.5	<2.5	<50	<10	<10	<10	
GMW-62	10/15/08	2800	---	---	---	---	180	1700	19	220	161	<5	<5	<100	<20	<20	<20
GMW-62	02/12/09	3600	---	---	---	---	1600	1800	5.1	150	164	<5	<5	<100	<20	<20	<20
GMW-62	04/23/09	1500	---	---	---	---	150	370	<2.5	25	5.2	<2.5	<2.5	<50	<10	<10	<10
GMW-62	07/21/09	1800	---	---	---	---	1100	1200	<2.5	67	36	<2.5	<2.5	<50	<10	<10	<10
GMW-62	10/21/09	2200	---	---	---	---	480	1700	<2.5	43	12.9	<2.5	<2.5	<50	<10	<10	<10
GMW-62	01/12/10	---	---	---	---	---	2200	3900	<10	22	30.4	100	<1	<200	<40	<40	<40
GMW-62	04/14/10	2400	---	---	---	---	430	1600	0.6	26	45	<0.50	<0.50	<10	<2	<2	<2
GMW-62	10/05/10	6700	---	---	---	---	3400	1200	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-63	10/15/08	<100	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	02/12/09	<100	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	04/23/09	<100	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	07/21/09	<100	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	10/22/09	<100	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	01/12/10	---	---	---	---	---	<100	0.39 J	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	04/14/10	---	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	10/05/10	---	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-63	01/10/11	---	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	04/12/11	---	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	07/11/11	---	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	10/12/11	---	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	01/09/12	---	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	04/17/12	---	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	07/09/12	---	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	10/17/12	---	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	01/14/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	04/09/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	10/07/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-65	04/20/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-65	10/21/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-65	04/11/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	10/03/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	04/17/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	10/02/17	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	10/25/17	---	---	320	---	---	---	---	---	---	---	---	---	---	---	---
GMW-65	04/16/18	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66	10/22/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	04/19/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/06/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-66	04/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	04/17/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/17/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	04/08/13	---	---	130 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/07/13	<100	---	150 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	04/15/14	<100	---	96 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/28/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-66R	04/13/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	10/04/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	04/18/17	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	10/04/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	04/17/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-67	10/21/15	900	---	140	---	---	71	<0.50	110	82	<0.50	<2	<10	<2	<2	<2
GMW-67	04/11/16	310	---	<100	---	---	22	<0.50	73	6.8	<0.50	<1	<10	<2	<2	<2
GMW-67	10/03/16	<100	---	<100	---	---	4.2	<0.50	0.96	<1	<0.50	<1	<10	<2	<2	<2
GMW-67	04/17/17	<100	---	<100	---	---	2.5	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-67	10/02/17	<100	---	520	---	---	2.6	<0.50	0.7	0.51	<0.50	<1	<10	<2	<2	<2
GMW-67	04/16/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-68	10/21/15	17000	---	810	---	---	2200	46	810	3700	<10	<40	<200	<40	<40	<40
GMW-68	04/11/16	15000	---	810	---	---	2300	17	1200	4700	<10	<20	<200	<40	<40	<40
GMW-69	10/21/15	2900	---	330	---	---	350	<5	400	380	<5	<20	<100	<20	<20	<20
GMW-69	04/11/16	2400	---	350	---	---	230	<2.5	390	360	<2.5	<5	<50	<10	<10	<10
GMW-69	10/03/16	1600	---	210	---	---	240	<2.5	290	190	<2.5	<5	<50	<10	<10	<10
GMW-69	04/17/17	740	---	150	---	---	84	<1	140	16	<1	<2	<20	<4	<4	<4
GMW-69	10/02/17	2100	---	380	---	---	220	<1	210	120	<1	<2	<20	<4	<4	<4
GMW-69	10/25/17	---	---	830	---	---	870	4.8	950	1000	<2.5	<5	<50	<10	<10	<10
GMW-69	04/16/18	3600	---	530	---	---	370	<5	300	93	<5	<10	<100	<20	<20	<20
GMW-O-1	11/21/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	0.53	<5	---	---	---	---
GMW-O-1	07/09/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	0.85	<5	---	---	---	---
GMW-O-1	01/06/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-1	05/20/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-O-1	08/24/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/02/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
GMW-O-1	08/10/99	<500	---	<1000	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
GMW-O-1	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	08/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.5	<0.50	---	---	---	---
GMW-O-1	11/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/05/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	11/06/01	<300	<100	---	---	---	11	<0.50	0.7	0.6	0.5	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-1	04/20/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	11/21/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	12	<5	---	---	---	---
GMW-O-2	07/09/97	<100	---	<500	---	---	<0.50	0.5	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-2	01/07/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	13	<5	---	---	---	---
GMW-O-2	05/20/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	14	<0.50	---	---	---	---
GMW-O-2	11/11/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	05/05/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-2	11/16/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	---	---	---	---
GMW-O-2	11/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---
GMW-O-2	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	11	<0.50	---	---	---	---
GMW-O-2	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---
GMW-O-2	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	07/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	10/24/02	<300	460	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	01/15/03	<300	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-2	01/28/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.1	<0.50	---	---	---	---
GMW-O-2	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1	<0.50	---	---	---	---
GMW-O-2	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	10/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	01/29/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	07/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	11/04/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	02/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	5	<0.50	---	---	---	---
GMW-O-2	08/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	02/28/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	09/20/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	12/08/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	03/12/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	05/03/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	08/28/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	11/14/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	02/20/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	08/13/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	10/16/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	02/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
GMW-O-2	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	07/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/20/09	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	03/16/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	07/13/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/05/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	01/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	07/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/10/11	<50	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	01/09/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-2	07/10/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	01/14/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	03/14/16	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	06/29/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/20/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	11/27/96	---	---	---	---	---	2900	1000	1200	1950	<10	260	---	---	---	---
GMW-O-3	07/14/97	14000	---	1300	---	---	1500	410	700	1200	<10	<100	---	---	---	---
GMW-O-3	01/09/98	3200	---	720	---	---	930	55	390	599	38	<50	---	---	---	---
GMW-O-3	05/26/98	5400	---	---	---	---	850	20	170	140	<5	<5	---	---	---	---
GMW-O-3	08/26/98	3290	1710	---	---	---	329	31	140	300	<2.5	<2.5	---	---	---	---
GMW-O-3	11/17/98	4800	5810	---	---	---	1500	<100	350	400	<100	<100	---	---	---	---
GMW-O-3	02/03/99	3800	---	<500	---	---	250	<2.5	34	17	<5	<2.5	---	---	---	---
GMW-O-3	05/07/99	2900	---	<500	---	---	170	1.2	3.4	5.3	<1	<0.50	---	---	---	---
GMW-O-3	08/10/99	<500	---	<1000	---	---	56	1.6	2.3	<1	1.2	<1	---	---	---	---
GMW-O-3	11/17/99	340	<100	---	---	---	15	0.5	1.9	1.9	<0.50	<0.50	---	---	---	---
GMW-O-3	02/29/00	<300	170	---	---	---	12	<0.50	1.2	1.1	<0.50	<0.50	---	---	---	---
GMW-O-3	05/17/00	1800	1000	---	---	---	290	32	33	180	<0.50	<0.50	---	---	---	---
GMW-O-3	08/29/00	580	3600	---	---	---	130	2.5	13	23	<0.50	<0.50	---	---	---	---
GMW-O-3	11/28/00	1500	820	---	---	---	350	13	43	93.1	<0.50	<0.50	---	---	---	---
GMW-O-3	02/05/01	1800	770	---	---	---	420	26	40	55	<10	<10	---	---	---	---
GMW-O-3	05/10/01	2000	560	---	---	---	380	4.5	32	42	<2.5	<2.5	---	---	---	---
GMW-O-3	09/19/01	840	360	---	---	---	230	<2.5	17	11	<2.5	<2.5	---	---	---	---
GMW-O-3	11/07/01	520	<100	---	---	---	120	<2.5	7.2	6	<2.5	<2.5	---	---	---	---
GMW-O-3	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	04/09/02	1200	<100	---	---	---	260	2.6	13	9.8	<0.50	<0.50	---	---	---	---
GMW-O-3	07/30/02	380	250	---	---	---	150	1.6	5.1	4.6	<0.50	<0.50	---	---	---	---
GMW-O-3	10/24/02	310	120	---	---	---	79	0.65	1.9	1.2	<0.50	<0.50	---	---	---	---
GMW-O-3	01/15/03	<300	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-3	01/28/03	550	160	---	---	---	140	3	9.1	14.2	<0.50	<0.50	---	---	---	---
GMW-O-3	04/08/03	660	200	---	---	---	170	1.6	9.2	<1	<2	<1	---	---	---	---
GMW-O-3	07/30/03	830	140	---	---	---	200	2	18	8.2	<3	<1.5	---	---	---	---
GMW-O-3	10/08/03	660	280	---	---	---	96	0.74	9.6	1.4	<1	<0.50	---	---	---	---
GMW-O-3	01/29/04	850	160	---	---	---	120	0.63	3	0.72	<1	<0.50	---	---	---	---
GMW-O-3	04/20/04	<50	130	---	---	---	65	<0.50	<0.50	0.56	<0.50	<0.50	---	---	---	---
GMW-O-3	07/20/04	370	<100	---	---	---	29	<0.50	1.4	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	11/04/04	850	190	---	---	---	71	<0.50	2.7	<0.50	<1	<0.50	---	---	---	---
GMW-O-3	02/03/05	210	<100	---	---	---	16	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	05/04/05	380	<100	---	---	---	32	0.67	2.1	4.6	<0.50	<0.50	---	---	---	---
GMW-O-3	08/03/05	1000	490	---	---	---	4.4	1.1	110	<1	<2	<1	---	---	---	---
GMW-O-3	11/01/05	1300	560	---	---	---	35	2.3	67	50	<1	<0.50	---	---	---	---
GMW-O-3	02/28/06	640	320	---	---	---	26	<0.50	7.1	6	<0.50	<0.50	---	---	---	---
GMW-O-3	05/04/06	400	250	---	---	---	19	<0.50	0.71	1.2	<0.50	<0.50	---	---	---	---
GMW-O-3	09/19/06	110	<100	---	---	---	0.71	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	12/08/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	03/13/07	51	<100	---	---	---	<0.50	<0.50	1.1	<0.50	<0.50	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-3	05/03/07	72	<100	---	---	---	<0.50	<0.50	0.64	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	08/28/07	65	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	11/14/07	170	<100	---	---	---	3.1	<0.50	9.7	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	02/07/08	96	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	04/15/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	08/14/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	10/16/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	02/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
GMW-O-3	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	07/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	03/15/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	07/12/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/05/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	01/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	07/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/10/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	01/09/12	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	07/10/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	01/15/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	03/14/16	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	06/29/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	08/22/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/20/17	260	---	<50	---	---	1.3	<0.50	1.9	2.6	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/18/18	110	---	110	---	---	<0.50	<0.50	2.6	6.3	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	11/22/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-4	07/09/97	<100	---	<500	---	---	<0.50	1.9	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-4	01/02/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-4	05/21/98	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	0.7	---	---	---	---
GMW-O-4	11/12/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/06/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-4	11/16/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	10/24/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	10/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/04/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-4	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/04/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	12/07/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/03/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/15/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	04/15/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	10/15/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/05/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	03/14/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	06/29/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	08/23/16	<50	---	<50	---	---	0.01	<0.50	0.08	<0.50	<0.50	0.12	1.9	<1	<1	<1
GMW-O-4	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/20/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	11/22/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-4 (MID)	07/09/97	<100	---	<500	---	---	<0.50	0.99	<0.50	<0.10	<0.50	<5	---	---	---	---
GMW-O-4 (MID)	01/02/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-4 (MID)	05/21/98	<300	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-4 (MID)	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	05/06/99	---	---	---	---	---	---	---	---	---	---	<0.50	---	---	---	---
GMW-O-4 (MID)	05/06/99	<500	---	<500	---	---	---	---	---	---	<1	---	---	---	---	---
GMW-O-4 (MID)	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	11/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	10/24/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	10/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	11/04/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	05/04/05	<50	220	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	05/04/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	12/07/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	05/03/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	11/15/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	04/15/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	10/15/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-4 (MID)	10/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	10/05/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	11/22/96	---	---	---	---	---	11	5.7	9.2	32.1	<0.50	<5	---	---	---	---
GMW-O-5	07/09/97	<100	---	<500	---	---	<0.50	1.9	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-5	01/07/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	15	---	---	---	---
GMW-O-5	05/21/98	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-O-5	08/24/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/04/98	---	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-5	11/04/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	02/03/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
GMW-O-5	05/05/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-5	08/10/99	<500	---	<1000	---	---	2.3	4.4	<1	2.9	<0.50	<1	---	---	---	---
GMW-O-5	11/16/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	02/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	08/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	02/05/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	10/24/02	<300	2300	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	01/15/03	<300	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-5	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	10/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/04/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	12/07/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	05/03/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/15/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	10/15/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/04/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-5	03/14/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	06/29/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/20/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-6	11/22/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-6	07/09/97	<100	---	<500	---	---	<0.50	0.9	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-6	01/02/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-6	05/21/98	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-O-6	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	05/05/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-6	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	11/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	---	---	---	---
GMW-O-6	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	10/24/02	<300	190	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	10/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-6	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-6	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-6	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-7	05/07/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-8	10/24/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	2.4	---	---	---	---
GMW-O-8	01/16/03	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	10/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	11/04/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	05/04/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	12/08/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	11/14/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	10/16/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/05/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	11/22/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	46	<5	---	---	---	---
GMW-O-9	07/10/97	<100	---	<500	---	---	<0.50	3.6	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-9	01/07/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-9	05/21/98	---	---	---	---	---	<0.50	<0.50	<0.50	<0.60	12	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-9	11/16/98	<300	<100	---	---	---	3	7	1	6	5.8	<0.50	---	---	---	---
GMW-O-9	05/05/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-9	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	<0.50	---	---	---	---
GMW-O-9	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	72	<0.50	---	---	---	---
GMW-O-9	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	53	<0.50	---	---	---	---
GMW-O-9	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	87	<0.50	---	---	---	---
GMW-O-9	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	53	<0.50	---	---	---	---
GMW-O-9	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-9	10/24/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	35	<0.50	---	---	---	---
GMW-O-9	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	50	<0.50	---	---	---	---
GMW-O-9	10/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	35	<0.50	---	---	---	---
GMW-O-9	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	15	<0.50	---	---	---	---
GMW-O-9	11/04/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	9.9	<0.50	---	---	---	---
GMW-O-9	05/06/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	61	<0.50	---	---	---	---
GMW-O-9	11/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-9	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.8	<0.50	---	---	---	---
GMW-O-9	12/07/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	<0.50	---	---	---	---
GMW-O-9	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-9	11/14/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	5.9	<0.50	---	---	---	---
GMW-O-9	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-9	10/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-9	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/05/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/16/14	<50	---	<50	---	---	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	03/15/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/13/16	<50	---	59	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	06/29/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	08/22/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/20/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	3.3	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	11/26/96	---	---	---	---	---	450	18	37	21.8	81	1300	---	---	---	---
GMW-O-10	07/14/97	17000	---	900	---	---	4200	2800	650	1600	<30	890	---	---	---	---
GMW-O-10	01/09/98	25000	---	12000	---	---	3900	2800	510	1470	<10	1200	---	---	---	---
GMW-O-10	05/27/98	<300	---	---	---	---	1	<0.50	<0.50	0.8	<0.50	1	---	---	---	---
GMW-O-10	11/16/98	6840	297	---	---	---	2900	540	320	310	<13	2000	---	---	---	---
GMW-O-10	05/07/99	<500	---	<500	---	---	6.2	<0.50	0.61	<0.50	<1	0.64	---	---	---	---
GMW-O-10	11/16/99	32000	27000	---	---	---	8300	5700	860	2640	<25	2600	---	---	---	---
GMW-O-10	05/17/00	18000	32000	---	---	---	4500	3300	450	1420	<25	1300	---	---	---	---
GMW-O-10	11/29/00	18000	10000	---	---	---	4200	2900	430	1260	<25	1400	---	---	---	---
GMW-O-10	05/10/01	7900	4600	---	---	---	2400	810	150	280	<10	950	---	---	---	---
GMW-O-10	11/07/01	8100	1300	---	---	---	1200	120	<10	540	<10	1100	---	---	---	---
GMW-O-10	04/11/02	960	1000	---	---	---	190	18	5.1	157	10	610	---	---	---	---
GMW-O-10	10/24/02	2000	2500	---	---	---	270	27	<5	60	<5	290	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-10	04/10/03	13000	1900	---	---	---	3600	370	460	780	<50	520	---	---	---	---
GMW-O-10	08/01/03	5800	1600	---	---	---	2600	220	320	460	20	580	---	---	---	---
GMW-O-10	10/08/03	4900	940	---	---	---	1500	240	160	275	24	460	---	---	---	---
GMW-O-10	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-10	11/04/04	8900	1200	---	---	---	3900	85	400	409	<30	590	---	---	---	---
GMW-O-10	05/06/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-10	11/02/05	52	<100	---	---	---	19	0.5	<0.50	<0.50	1	10	---	---	---	---
GMW-O-10	05/05/06	12000	850	---	---	---	4100	1800	380	640	<50	160	---	---	---	---
GMW-O-10	12/07/06	8900	810	---	---	---	4000	470	320	310	<50	190	---	---	---	---
GMW-O-10	05/04/07	3800	260	---	---	---	1600	10	<10	120	<20	160	---	---	---	---
GMW-O-10	11/14/07	12000	600	---	---	---	5100	54	340	325	<50	190	---	---	---	---
GMW-O-10	04/18/08	1300	130	---	---	---	680	<5	14	11	<10	23	---	---	---	---
GMW-O-10	08/14/08	1600	160	---	---	---	820	5.3	31	42	<10	<5	---	---	---	---
GMW-O-10	10/21/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.58	---	---	---	---
GMW-O-10	04/22/09	180	<100	---	---	---	37	<0.50	<0.50	<0.50	<0.50	1.2	<10	<1	<1	<1
GMW-O-10	10/22/09	99	<100	---	---	---	6.9	<0.50	<0.50	<0.50	<0.50	0.77	<10	<1	<1	<1
GMW-O-10	05/27/10	370	<100	---	---	---	77	1.2	<0.50	<0.50	<1	0.87	<10	<1	<1	<1
GMW-O-10	10/07/10	380	<100	---	---	---	42	1.2	0.51	<0.50	<0.50	0.79	<10	<1	<1	<1
GMW-O-10	04/13/11	270	140	---	---	---	39	1	<0.50	<0.50	<0.50	0.77	<10	<1	<1	<1
GMW-O-10	10/13/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/19/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/19/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/11/13	110	---	<50	---	---	0.54	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/11/13	75	---	64	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/17/14	140	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/30/14	110	---	51	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/23/15	160	---	150	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/26/15	160	---	180	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	03/15/16	91	---	75	---	---	16	<0.50	3.4	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/14/16	910	---	89	---	---	430	12	16	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-O-10	06/29/16	87	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	08/23/16	<50	---	52	---	---	0.05	0.05	0.12	<0.50	2.6	0.19	1.3	0.18	<1	<1
GMW-O-10	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/21/17	<50	---	52	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/04/17	73	---	<50	---	---	28	<0.50	<0.50	<0.50	6.3	<0.50	<10	<1	<1	<1
GMW-O-10	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	8.8	<0.50	<10	<1	<1	<1
GMW-O-11	10/04/10	10000	2100	---	---	---	4200	220	89	170	<30	160	560	32	<30	<30
GMW-O-12	10/05/10	23000	<99000	---	---	---	12000	<50	<50	<50	<100	71	<1000	<100	<100	<100
GMW-O-12	04/14/11	16000	120000	---	---	---	7300	<25	<25	<25	<50	25	<500	<50	<50	<50
GMW-O-12	10/13/11	20000	390000	---	---	---	11000	<100	<100	<100	<200	<100	<2000	<200	<200	<200
GMW-O-12	04/20/12	29000	---	260000	---	---	12000	<50	<50	<50	<100	<50	<1000	<100	<100	<100
GMW-O-12	10/19/12	12000	---	120000	---	---	4700	<25	<25	<25	<50	<25	<500	<50	<50	<50
GMW-O-12	04/12/13	34000	---	160000	---	---	13000	<100	<100	<100	<200	<100	<2000	<200	<200	<200
GMW-O-12	10/11/13	30000	---	73000	---	---	13000	<63	<63	<63	<130	<63	<1300	<130	<130	<130
GMW-O-14	11/27/96	88000	---	74000	---	---	4500	3200	520	2600	440	<300	---	---	---	---
GMW-O-14	07/17/97	160000	---	610000	---	---	7600	4900	2200	43000	<500	<5000	---	---	---	---
GMW-O-14	01/09/98	33000	---	780000	---	---	7200	4500	510	2300	<30	<300	---	---	---	---
GMW-O-14	05/27/98	3500	---	---	---	---	330	<2.5	80	88	<2.5	<0.50	---	---	---	---
GMW-O-14	11/17/98	3850	---	---	---	---	5000	3840	1040	4510	<100	<100	---	---	---	---
GMW-O-14	11/17/98	---	117000	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-14	05/07/99	23000	---	54000	---	---	5100	3400	650	2800	<50	<20	---	---	---	---
GMW-O-14	11/18/99	26000	23000	---	---	---	5900	4100	780	2500	<50	<50	---	---	---	---
GMW-O-14	05/17/00	10000	9300	---	---	---	2300	630	370	820	<50	<100	---	---	---	---
GMW-O-14	11/29/00	42000	59000	---	---	---	8800	5000	1200	4400	<50	<50	---	---	---	---
GMW-O-14	05/10/01	5200	17000	---	---	---	100	34	96	237	<1	<1	---	---	---	---
GMW-O-14	11/07/01	15000	20000	---	---	---	3900	890	640	1280	<1	<2	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-14	04/09/02	38000	13000	---	---	---	7400	2700	990	3200	<13	24	---	---	---	---
GMW-O-14	07/30/02	11000	24000	---	---	---	4900	2300	550	1890	<13	14	---	---	---	---
GMW-O-14	10/24/02	26000	29000	---	---	---	7100	3500	970	3500	<25	<25	---	---	---	---
GMW-O-14	01/28/03	39000	47000	---	---	---	12000	8400	1500	5600	<25	38	---	---	---	---
GMW-O-14	03/12/03	1500	710	---	---	---	760	72	66	115	<2.5	14	---	---	---	---
GMW-O-14	04/09/03	33000	27000	---	---	---	5100	2900	990	3300	<40	<20	---	---	---	---
GMW-O-14	07/30/03	20000	12000	---	---	---	3100	1900	790	3200	74	<15	---	---	---	---
GMW-O-14	10/09/03	43000	18000	---	---	---	8700	4200	1300	5300	180	<50	---	---	---	---
GMW-O-14	01/29/04	55000	19000	---	---	---	13000	6900	1400	5600	240	<50	---	---	---	---
GMW-O-14	04/20/04	54000	32000	---	---	---	11000	5700	1500	6100	170	<50	---	---	---	---
GMW-O-14	07/20/04	72000	18000	---	---	---	13000	8200	1700	7400	200	<50	---	---	---	---
GMW-O-14	11/04/04	41000	23000	---	---	---	9000	7000	1300	5500	<200	<100	---	---	---	---
GMW-O-14	02/03/05	34000	4600	---	---	---	8600	2300	950	3100	69	34	---	---	---	---
GMW-O-14	05/04/05	420	680	---	---	---	11	1.6	18	18.8	6.5	<0.50	---	---	---	---
GMW-O-14	08/03/05	15000	11000	---	---	---	160	600	290	1840	<10	<5	---	---	---	---
GMW-O-14	11/02/05	14000	14000	---	---	---	320	350	160	2690	<40	<20	---	---	---	---
GMW-O-14	02/28/06	8200	12000	---	---	---	860	87	18	1020	15	<5	---	---	---	---
GMW-O-14	05/05/06	6700	9600	---	---	---	1500	77	<10	450	35	<10	---	---	---	---
GMW-O-14	09/20/06	6900	4200	---	---	---	1400	250	39	640	30	<10	---	---	---	---
GMW-O-14	12/07/06	9000	17000	---	---	---	1400	150	27	501	36	<10	---	---	---	---
GMW-O-14	03/12/07	4700	1300	---	---	---	1000	180	26	400	23	<5	---	---	---	---
GMW-O-14	05/04/07	8200	3300	---	---	---	1700	330	48	570	44	<10	---	---	---	---
GMW-O-14	08/28/07	12000	6200	---	---	---	75	110	200	1000	<5	<2.5	---	---	---	---
GMW-O-14	11/15/07	16000	74000	---	---	---	320	300	520	2470	<20	<10	---	---	---	---
GMW-O-14	02/20/08	35000	7700	---	---	---	7900	1900	1200	3400	<100	<50	---	---	---	---
GMW-O-14	04/15/08	26000	31000	---	---	---	4900	1800	840	2800	59	<25	---	---	---	---
GMW-O-14	08/14/08	25000	44000	---	---	---	4300	1100	730	2800	70	<25	---	---	---	---
GMW-O-14	10/16/08	21000	12000	---	---	---	3200	940	500	3000	<30	<15	---	---	---	---
GMW-O-14	02/23/09	30000	12000	---	---	---	6100	3500	1200	3900	77	<25	<500	---	---	---
GMW-O-14	04/22/09	36000	8300	---	---	---	9300	2300	1300	3500	120	<50	<1000	170	<100	<100
GMW-O-14	07/22/09	32000	12000	---	---	---	7800	1900	1500	4100	86	<25	<500	130	<50	<50
GMW-O-14	10/23/09	40000	21000	---	---	---	14000	1900	1500	3500	<200	<100	<2000	<200	<200	<200
GMW-O-14	03/16/10	57000	24000	---	---	---	14000	6200	1700	4700	<200	<100	<2000	310	<200	<200
GMW-O-14	05/28/10	26000	7400	---	---	---	7900	1500	370	2180	110	<25	<500	180	<50	<50
GMW-O-14	07/14/10	22000	6700	---	---	---	7900	420	77	1500	100	<50	<1000	130	<100	<100
GMW-O-14	10/07/10	16000	3200	---	---	---	5900	200	220	680	<100	<50	<1000	<100	<100	<100
GMW-O-14	01/11/11	49000	11000	---	---	---	12000	5500	1400	2700	120	<50	<1000	190	<100	<100
GMW-O-14	04/13/11	26000	9800	---	---	---	8200	470	680	2300	<100	<50	<1000	160	<100	<100
GMW-O-14	07/12/11	12000	5500	---	---	---	3800	50	<25	1800	<50	<25	<500	<50	<50	<50
GMW-O-14	10/12/11	16000	3400	---	---	---	4000	55	<25	2500	<50	<25	<500	<50	<50	<50
GMW-O-14	01/09/12	38000	11000	---	---	---	9000	2200	1200	4300	<200	<100	<2000	<200	<200	<200
GMW-O-14	04/20/12	47000	---	2500	---	---	11000	1100	1500	5000	<100	<50	<1000	170	<100	<100
GMW-O-14	07/10/12	48000	---	390	---	---	12000	3500	1200	3700	<100	<50	<1000	270	<100	<100
GMW-O-14	10/18/12	15000	---	2700	---	---	2600	1100	520	1800	<50	<25	<500	70	<50	<50
GMW-O-14	01/15/13	7700	---	8300	---	---	1200	72	420	1300	<20	<10	<200	25	<20	<20
GMW-O-14	04/11/13	27000	---	3700	---	---	6900	200	1800	2300	61	<25	<500	180	<50	<50
GMW-O-14	10/11/13	54000	---	3000	---	---	14000	760	2200	3000	<130	64	<1300	260	<130	<130
GMW-O-14	04/16/14	32000	---	1900	---	---	9700	130	1500	1500	<200	<100	<2000	<200	<200	<200
GMW-O-14	10/31/14	19000	---	1300	---	---	6600	50	730	350	<50	<25	<500	200	<50	<50
GMW-O-14	04/23/15	15000	---	1100	---	---	6900	59	530	92	<50	26	2000	220	<50	<50
GMW-O-14	10/26/15	24000	---	890	---	---	12000	<100	570	<100	<200	<100	<2000	220	<200	<200
GMW-O-14	03/15/16	21000	---	440	---	---	11000	<50	240	250	<100	<50	<1000	240	<100	<100
GMW-O-14	04/15/16	3200	---	930	---	---	1300	<10	<10	<20	<20	13	<200	100	<20	<20
GMW-O-14	06/29/16	13000	---	430	---	---	6300	80	270	200	<40	30	<400	230	<40	<40
GMW-O-14	08/23/16	6000	---	380	---	---	3100	18	36	46	13	19	150	130	<60	12
GMW-O-14	10/07/16	30000	---	640	---	---	12000	72	390	290	<100	<50	<1000	220	<100	<100

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	Results reported in micrograms per liter (µg/L)														
		TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-14	04/21/17	250	---	620	---	---	0.59	<0.50	0.82	2.4	3.7	3.5	15	30	<1	<1
GMW-O-14	10/06/17	13000	---	2300	---	---	5700	140	190	150	<50	<25	<500	190	<50	<50
GMW-O-14	04/20/18	1400	---	1900	---	---	640	<4	<4	4.1	<8	11	<80	130	<8	<8
GMW-O-15	10/16/08	1700	2800	---	---	---	550	3	37	34.1	<5	110	---	---	---	---
GMW-O-15	03/16/10	530	8900	---	---	---	10	1.1	0.64	2.7	<0.50	400	<10	<1	<1	1.9
GMW-O-15	04/16/10	6700	62000	---	---	---	1700	54	120	176	<10	1300	1800	<10	<10	11
GMW-O-15	05/25/10	650	5600	---	---	---	82	16	8.4	44	<2	180	1500	<2	<2	<2
GMW-O-15	07/13/10	580	250	---	---	---	110	7.5	11	27	<1	300	5100	<1	<1	1.5
GMW-O-15	08/12/10	710	370	---	---	---	120	4.1	10	34	<1	260	5300	<1	<1	1.5
GMW-O-15	09/20/10	620	500	---	---	---	120	3.3	13	24	<1	230	6000	<1	<1	1.4
GMW-O-15	10/05/10	14000	6000	---	---	---	1800	280	92	760	<20	3200	3000	<20	<20	35
GMW-O-15	12/22/10	28000	19000	---	---	---	3900	610	850	3000	<40	1900	1300	<40	<40	<40
GMW-O-15	01/12/11	12000	15000	---	---	---	1300	49	280	700	<20	430	12000	<20	<20	<20
GMW-O-15	02/24/11	12000	10000	---	---	---	700	450	310	1300	<10	970	4100	<10	<10	20
GMW-O-15	03/23/11	2400	4300	---	---	---	210	47	39	190	<2	310	3600	<2	<2	5.2
GMW-O-15	04/29/11	1200	1500	---	---	---	250	27	27	154	<2	350	3900	<2	<2	2.4
GMW-O-15	05/13/11	1300	1600	---	---	---	200	18	22	127	<2	350	6600	<2	<2	3.6
GMW-O-15	06/22/11	1800	1200	---	---	---	190	95	34	220	<1	310	6800	<1	<1	1.8
GMW-O-15	07/12/11	1000	970	---	---	---	150	17	14	97	<2	220	6400	<2	<2	<2
GMW-O-15	08/19/11	33000	550000	---	---	---	820	2200	610	4400	<50	290	9200	<50	<50	<50
GMW-O-15	09/22/11	3400	1000	---	---	---	480	290	58	320	<5	640	6800	<5	<5	10
GMW-O-15	10/13/11	3900	1600	---	---	---	530	290	73	460	<10	220	3200	<10	<10	<10
GMW-O-15	12/21/11	520	570	---	---	---	110	1.5	5.7	22	<2	79	5300	<2	<2	<2
GMW-O-15	01/10/12	470	1200	---	---	---	110	1.3	6.9	15	<1	86	4300	<1	<1	1.2
GMW-O-15	02/23/12	4800	6900	---	---	---	340	390	85	600	<5	110	4000	<5	<5	17
GMW-O-15	03/28/12	1300	---	120	---	---	230	68	13	110	<2	99	4600	<2	<2	<2
GMW-O-15	04/27/12	2100	---	1300	---	---	180	67	16	160	<1	49	4300	<1	<1	1
GMW-O-15	05/25/12	110000	---	24000	---	---	320	270	420	3400	<100	190	<1000	<100	<100	100
GMW-O-15	07/11/12	17000	---	13000	---	---	6700	63	120	270	<100	1500	1600	<100	<100	<100
GMW-O-15	08/29/12	190	---	89	---	---	73	1.2	3.3	8.1	<0.50	22	5300	<1	<1	<1
GMW-O-15	09/26/12	220	---	<50	---	---	53	0.74	3.7	7.3	<0.50	17	2900	<1	<1	<1
GMW-O-15	10/18/12	210	---	140	---	---	50	<0.50	3.3	5.9	<1	13	2600	<1	<1	<1
GMW-O-15	11/29/12	380	---	75	---	---	140	1.3	3	6.4	<2	33	3900	<2	<2	<2
GMW-O-15	12/26/12	1400	---	110	---	---	100	23	3.4	20	<0.50	22	3900	<1	<1	<1
GMW-O-15	01/15/13	1200	---	<50	---	---	240	29	16	45	<3	52	3100	<3	<3	<3
GMW-O-15	02/20/13	230	---	<50	---	---	59	<0.50	2.5	3.2	<1	14	3100	<1	<1	<1
GMW-O-15	04/12/13	460	---	110	---	---	89	2.3	4.6	5.5	<1	36	3600	<1	<1	<1
GMW-O-15	10/11/13	56000	---	88000	---	---	7600	2300	750	4100	<100	8000	7100	<100	<100	<100
GMW-O-15	10/27/15	120000	---	490000	---	---	12000	16000	2200	12000	<200	8800	<2000	<200	<200	210
GMW-O-15	04/14/16	370000	---	82000	---	---	5700	15000	4600	36000	<200	2800	3400	<200	<200	<200
GMW-O-16	11/27/96	---	---	---	---	---	570	67	14	360	<5	120	---	---	---	---
GMW-O-16	07/17/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	310	---	---	---	---
GMW-O-16	01/06/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-16	05/20/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	76	---	---	---	---
GMW-O-16	11/13/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	---	---	---	---
GMW-O-16	05/07/99	<500	---	<500	---	---	0.66	<0.50	<0.50	0.72	<1	7.6	---	---	---	---
GMW-O-16	11/18/99	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
GMW-O-16	11/30/00	<300	<100	---	---	---	0.8	<0.50	<0.50	<0.50	<0.50	0.6	---	---	---	---
GMW-O-16	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	10/22/02	<300	<100	---	---	---	1.6	0.98	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	10/07/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	04/22/04	<50	3600	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	07/20/04	---	<100	---	---	---	---	---	---	---	---	---	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter ($\mu\text{g/L}$)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-16	11/02/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	05/05/05	92	<100	---	---	---	1.6	<0.50	<0.50	<0.50	<0.50	110	---	---	---	---
GMW-O-16	08/02/05	57	<100	---	---	---	1.3	<0.50	<0.50	<0.50	<0.50	93	---	---	---	---
GMW-O-16	11/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	57	---	---	---	---
GMW-O-16	02/28/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	5.3	---	---	---	---
GMW-O-16	05/04/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.3	---	---	---	---
GMW-O-16	09/19/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	---	---	---	---
GMW-O-16	12/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	05/05/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	11/14/07	<50	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	02/07/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	---	---	---	---
GMW-O-16	04/16/08	<50	<100	---	---	---	<0.50	1.2	0.59	5.5	<0.50	0.63	---	---	---	---
GMW-O-16	10/14/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	0.6	<0.50	0.65	---	---	---	---
GMW-O-16	04/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.55	<10	<1	<1	<1
GMW-O-16	10/21/09	<50	250	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	03/16/10	<50	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/16/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	05/26/10	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	<10	<1	<1	<1
GMW-O-16	07/13/10	<50	<100	---	---	---	0.73	<0.50	<0.50	<0.50	<0.50	1.9	<10	<1	<1	<1
GMW-O-16	08/12/10	<50	<100	---	---	---	0.5	<0.50	<0.50	<0.50	<0.50	2.3	<10	<1	<1	<1
GMW-O-16	09/20/10	<50	170	---	---	---	0.69	<0.50	<0.50	<0.50	<0.50	3.1	<10	<1	<1	<1
GMW-O-16	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
GMW-O-16	11/16/10	<50	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4	<10	<1	<1	<1
GMW-O-16	12/22/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<1	<1	<1
GMW-O-16	01/11/11	<50	<100	---	---	---	0.52	<0.50	<0.50	<0.50	<0.50	0.94	<10	<1	<1	<1
GMW-O-16	02/24/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<10	<1	<1	<1
GMW-O-16	03/23/11	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<10	<1	<1	<1
GMW-O-16	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
GMW-O-16	05/13/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	<10	<1	<1	<1
GMW-O-16	06/22/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	<10	<1	<1	<1
GMW-O-16	07/12/11	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	<10	<1	<1	<1
GMW-O-16	08/19/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1	<1	<1
GMW-O-16	09/22/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	<10	<1	<1	<1
GMW-O-16	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1	<1	<1
GMW-O-16	11/28/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
GMW-O-16	12/21/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	0.5	<0.50	1.8	<10	<1	<1	<1
GMW-O-16	01/09/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	1.4	<0.50	3.4	<10	<1	<1	<1
GMW-O-16	02/23/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	<10	<1	<1	<1
GMW-O-16	03/28/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<1	<1	<1
GMW-O-16	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.79	<10	<1	<1	<1
GMW-O-16	05/25/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	06/15/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	07/10/12	<50	---	<50	---	---	2.5	1.1	0.7	0.7	<0.50	0.57	<10	<1	<1	<1
GMW-O-16	08/29/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	09/26/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	0.89	<0.50	0.7	<10	<1	<1	<1
GMW-O-16	11/29/12	<50	---	83	---	---	<0.50	<0.50	<0.50	0.56	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	12/26/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1	<1	<1
GMW-O-16	01/15/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.95	<10	<1	<1	<1
GMW-O-16	02/20/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
GMW-O-16	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/10/13	170	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	24	<1	<1	<1
GMW-O-16	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/29/14	<50	---	<50	---	---	0.89	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/22/15	89	---	<50	---	---	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	22	<1	<1	<1
GMW-O-16	10/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-16	04/14/16	<50	---	310	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/18/17	66	---	<50	---	---	1.2	<0.50	<0.50	<0.50	<0.50	4	<10	<1	<1	<1
GMW-O-16	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	11/22/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-17	07/10/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-17	01/07/98	<100	---	<500	---	---	<0.50	0.64	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-17	05/21/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-O-17	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/05/99	<500	---	<500	---	---	0.64	<0.50	<0.50	<0.50	<1	0.58	---	---	---	---
GMW-O-17	11/16/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	10/24/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	10/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/03/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/13/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	26	<1	<1	<1
GMW-O-17	07/02/13	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/21/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-18	11/26/96	---	---	---	---	---	<10	<10	<10	<30	<10	10000	---	---	---	---
GMW-O-18	07/11/97	<100	---	<500	---	---	<3	<3	<3	<3	<3	3000	---	---	---	---
GMW-O-18	01/07/98	<100	---	<500	---	---	<5	<5	<5	<15	<5	3200	---	---	---	---
GMW-O-18	05/21/98	2000	---	---	---	---	<100	<100	<100	<200	<100	5600	---	---	---	---
GMW-O-18	11/17/98	543	<100	---	---	---	<0.50	1	<0.50	2.6	<0.50	1420	---	---	---	---
GMW-O-18	05/06/99	2700	---	<500	---	---	<5	<5	<5	<5	<13	15000	---	---	---	---
GMW-O-18	11/18/99	2900	<100	---	---	---	<13	<12.5	<12.5	<12.5	<13	6700	---	---	---	---
GMW-O-18	05/19/00	3500	<100	---	---	---	<25	<25	<25	<25	<25	10000	---	---	---	---
GMW-O-18	11/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	---	---	---	---
GMW-O-18	05/09/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	---	---	---	---
GMW-O-18	12/07/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.65	---	---	---	---
GMW-O-18	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	---	---	---	---
GMW-O-18	11/15/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	---	---	---	---
GMW-O-18	04/15/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-18	10/15/08	<200	<100	---	---	---	<1	<1	<1	<1	<2	<1	---	---	---	---
GMW-O-18	04/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	140	<1	<1	<1

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME	
GMW-O-18	10/21/09	2400	680	---	---	---	170	440	17	410	<5	490	480	<5	<5	<5	
GMW-O-18	03/16/10	<50	<100	---	---	---	0.6	1.3	<0.50	1.77	<0.50	4.5	550	<1	<1	<1	
GMW-O-18	04/16/10	1300	6600	---	---	---	0.67	<0.50	3.1	12.9	<0.50	1.2	2400	<1	<1	<1	
GMW-O-18	05/25/10	110	540	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	2.9	6500	<1	<1	<1	
GMW-O-18	07/14/10	110	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	11000	<1	<1	<1	
GMW-O-18	08/12/10	220	<100	---	---	---	0.64	<0.50	<0.50	<0.50	<1	0.93	15000	<1	<1	<1	
GMW-O-18	09/20/10	290	<100	---	---	---	1.1	<0.50	<0.50	0.55	<1	1.2	23000	<1	<1	<1	
GMW-O-18	10/05/10	4000	<1100	---	---	---	1200	420	23	91	<10	670	2600	<10	<10	<10	
GMW-O-18	11/16/10	<2000	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.53	21000	<1	<1	<1	
GMW-O-18	01/12/11	<3000	130	---	---	---	<1	<1	<1	<1	<2	<1	29000	<2	<2	<2	
GMW-O-18	02/24/11	1400	2100	---	---	---	60	31	19	85	<0.50	380	1600	<1	<1	3.9	
GMW-O-18	03/23/11	110	230	---	---	---	6	1.4	1.1	6.3	<0.50	2.9	3300	<1	<1	<1	
GMW-O-18	04/29/11	<50	120	---	---	---	3.7	<0.50	<0.50	1.7	<0.50	7.5	780	<1	<1	<1	
GMW-O-18	05/13/11	<100	230	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1	
GMW-O-18	06/22/11	7500	37000	---	---	---	<0.50	<0.50	<0.50	440	<1	5.5	3200	<1	<1	<1	
GMW-O-18	08/19/11	2600	12000	---	---	---	17	3.9	3.2	40	<2	85	61	<2	<2	<2	
GMW-O-18	09/22/11	34000	64000	---	---	---	700	110	690	5300	<50	400	6100	<50	<50	54	
GMW-O-18	10/14/11	6000	36000	---	---	---	190	13	36	100	<20	1600	6600	<20	<20	26	
GMW-O-18	11/23/11	25000	150000	---	---	---	65	<10	51	<10	<20	310	6000	<20	<20	22	
GMW-O-18	12/21/11	190	26000	---	---	---	<0.50	<0.50	<0.50	0.53	<0.50	70	1600	<1	<1	<1	
GMW-O-18	01/10/12	570	1400	---	---	---	100	<0.50	5.3	3.9	<1	110	4800	<1	<1	2.2	
GMW-O-18	02/23/12	180	140	---	---	---	8.8	6.8	0.84	7.8	<0.50	5.9	9200	<1	<1	<1	
GMW-O-18	03/28/12	140	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	10000	<1	<1	<1	
GMW-O-18	05/25/12	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	7700	<1	<1	<1	
GMW-O-18	06/15/12	180	---	50	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.6	17000	<1	<1	<1	
GMW-O-18	07/11/12	180	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	14000	<1	<1	<1	
GMW-O-18	08/30/12	71	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	14000	<1	<1	<1	
GMW-O-18	09/26/12	55	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8900	<1	<1	<1	
GMW-O-18	10/30/12	110	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	11000	<1	<1	<1	
GMW-O-18	11/29/12	110	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10000	<1	<1	<1	
GMW-O-18	12/26/12	76	---	240	---	---	22	2.1	0.82	2.4	<0.50	5.5	850	<1	<1	<1	
GMW-O-18	01/15/13	91	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8000	<1	<1	<1	
GMW-O-18	04/12/13	<100	---	58	---	---	<0.50	0.51	<0.50	0.53	<1	<0.50	4000	<1	<1	<1	
GMW-O-18	10/10/13	120	---	<50	---	---	2.2	1.1	<0.50	6	<0.50	<0.50	6000	<1	<1	<1	
GMW-O-18	11/03/15	2900	---	49000	---	---	62	150	39	230	<3	100	1800	<3	<3	<3	
GMW-O-18	04/14/16	11000000	---	5900000	---	---	53000	620000	310000	2300000	<10000	6000	<100000	<10000	<10000	<10000	
GMW-O-19	11/25/96	---	---	---	---	---	<0.50	<0.87	2.8	5.1	<0.50	<5	---	---	---	---	
GMW-O-19	07/16/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---	
GMW-O-19	01/06/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---	
GMW-O-19	05/20/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	2	---	---	---	---	
GMW-O-19	11/12/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
GMW-O-19	05/06/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.51	---	---	---	---	
GMW-O-19	11/18/99	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	---	---	---	---	
GMW-O-19	05/17/00	<300	180	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
GMW-O-19	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
GMW-O-19	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
GMW-O-19	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
GMW-O-19	04/09/03	<50	500	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
GMW-O-19	08/01/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
GMW-O-19	10/07/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
GMW-O-19	04/22/04	<50	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
GMW-O-19	07/20/04	---	<100	---	---	---	---	---	---	---	---	---	---	---	---	---	
GMW-O-19	11/02/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
GMW-O-19	05/05/05	510	110	---	---	---	110	<0.50	17	24.5	<1	150	---	---	---	---	
GMW-O-19	08/02/05	160	<100	---	---	---	2.1	<0.50	1.2	<0.50	<0.50	19	---	---	---	---	
GMW-O-19	11/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-20	04/13/11	42000	680000	---	---	---	12000	170	580	400	<200	<100	<2000	<200	<200	<200
GMW-O-20	10/13/11	34000	2000000	---	---	---	6300	460	240	850	<100	<50	<1000	<100	<100	<100
GMW-O-20	04/20/12	48000	---	230000	---	---	11000	520	350	2500	<100	<50	<1000	<100	<100	<100
GMW-O-20	10/19/12	36000	---	340000	---	---	6100	1000	360	2700	<50	<25	<500	<50	<50	<50
GMW-O-20	06/29/16	23000	---	7500	---	---	6800	560	370	1300	<40	51	<400	<40	<40	<40
GMW-O-20	08/23/16	13000	---	31000	---	---	2600	260	150	1300	1.6	27	79	5.8	<60	<60
GMW-O-20	10/07/16	35000	---	95000	---	---	2700	930	230	4200	<40	38	<400	<40	<40	<40
GMW-O-20	04/21/17	2900	---	5900	---	---	850	14	24	85	<10	24	<200	<10	<10	<10
GMW-O-20	10/06/17	6500	---	21000	---	---	460	16	36	290	<4	7.4	<40	10	<4	<4
GMW-O-20	05/15/18	82	---	340	---	---	2.7	<0.50	<0.50	3.2	<0.50	4.6	10	4.1	<1	<1
GMW-O-21	10/07/03	47000	20000	---	---	---	15000	5200	500	3160	<100	5200	---	---	---	---
GMW-O-21	10/08/10	66000	8000	---	---	---	19000	8200	1200	3800	<200	<100	<2000	<200	<200	<200
GMW-O-21	04/29/11	18000	5300	---	---	---	7400	2400	190	1940	<50	95	<500	86	<50	<50
GMW-O-21	10/14/11	31000	6400	---	---	---	8300	4100	290	2400	<100	51	<1000	<100	<100	<100
GMW-O-21	04/19/12	32000	---	1200	---	---	11000	4400	230	3000	<100	<50	<1000	<100	<100	<100
GMW-O-21	10/19/12	1200	---	880	---	---	370	71	4.8	66	<2	3.2	96	8.7	<2	<2
GMW-O-21	10/07/16	18000	---	2000	---	---	2900	21	280	1600	<40	<20	<400	<40	<40	<40
GMW-O-21	04/21/17	3100	---	1100	---	---	55	5.7	11	180	<2	<1	<20	<2	<2	<2
GMW-O-21	10/06/17	9700	---	750	---	---	4300	<20	22	<20	<40	<20	<400	52	<40	<40
GMW-O-21	04/20/18	2000	---	2100	---	---	1000	6.8	8.9	<5	<10	<5	<100	15	<10	<10
GMW-O-23	10/08/10	120000	25000	---	---	---	22000	21000	1800	8100	<2000	2600	<2000	<200	<200	<200
GMW-O-23	04/13/11	75000	12000	---	---	---	15000	13000	850	5800	<200	1700	<2000	<200	<200	<200
GMW-O-23	10/13/11	65000	7200	---	---	---	16000	11000	540	3800	<200	1500	<2000	<200	<200	<200
GMW-O-23	10/19/12	29000	---	31000	---	---	7000	5000	130	1900	<100	400	<1000	<100	<100	<100
GMW-O-23	06/29/16	17000	---	120000	---	---	250	89	88	1700	<10	20	<100	<10	<10	<10
GMW-O-23	08/23/16	8700	---	160000	---	---	81	13	16	620	0.26	8.2	81	0.47	<20	<20
GMW-O-23	10/07/16	2800	---	170000	---	---	15	<4	9.3	110	<8	5	<80	<8	<8	<8
GMW-O-23	04/21/17	1600	---	1300	---	---	11	3.6	1.6	220	<2	4	<20	3.5	<2	<2
GMW-O-23	10/06/17	<50	---	1300	---	---	0.78	<0.50	0.6	2.1	<0.50	0.99	24	4.9	<1	<1
GMW-O-23	04/20/18	110	---	1200	---	---	0.99	<0.50	<0.50	<0.50	<1	5.6	120	30	<1	<1
GMW-O-24	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.99	<10	<1	<1	<1
GMW-O-24	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.2	<10	<1	<1	<1
GMW-O-24	10/23/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<10	<1	<1	<1
GMW-O-24	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	04/23/15	<50	---	74	---	---	0.7	<0.50	<0.50	0.97	<0.50	0.5	20	<1	<1	<1
GMW-O-24	06/30/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<1	<1	<1
GMW-O-24	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	04/21/17	<50	---	<50	---	---	0.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	04/18/18	<50	---	59	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	11/25/96	---	---	---	---	---	<0.50	<0.50	<0.50	5.8	<0.50	<5	---	---	---	---
GMW-SF-7	07/11/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	8.7	---	---	---	---
GMW-SF-7	01/02/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-SF-7	05/19/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-SF-7	11/11/98	<300	<100	---	---	---	0.96	<0.50	<0.50	1.3	<0.50	<0.50	---	---	---	---
GMW-SF-7	05/07/99	<500	---	<500	---	---	1	4.1	<0.50	1.8	<1	1.3	---	---	---	---
GMW-SF-7	11/18/99	350	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	200	---	---	---	---
GMW-SF-7	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	02/01/02	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-SF-7	10/22/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.5	---	---	---	---
GMW-SF-7	01/29/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.1	---	---	---	---
GMW-SF-7	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.73	---	---	---	---
GMW-SF-7	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	10/06/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	01/28/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	32	---	---	---	---
GMW-SF-7	07/19/04	550	<100	---	---	---	<1	<1	<1	<1	<2	680	---	---	---	---
GMW-SF-7	11/02/04	220	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	340	---	---	---	---
GMW-SF-7	02/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	08/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	02/27/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	05/02/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	09/18/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	12/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	03/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	05/05/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	08/30/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	11/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	04/16/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	10/14/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	1.1	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	81	<1	<1	<1
GMW-SF-7	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	11/22/96	<100	---	<500	---	---	4.5	<1	<1	<3	<1	920	---	---	---	---
GMW-SF-8	07/11/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	140	---	---	---	---
GMW-SF-8	01/06/98	<100	---	<500	---	---	4.1	<0.50	<0.50	<1.5	<0.50	450	---	---	---	---
GMW-SF-8	05/22/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<1	0.9	---	---	---	---
GMW-SF-8	11/12/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	40	---	---	---	---
GMW-SF-8	05/07/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	4.8	---	---	---	---
GMW-SF-8	11/18/99	660	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	800	---	---	---	---
GMW-SF-8	05/17/00	<300	250	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	42	---	---	---	---
GMW-SF-8	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	220	---	---	---	---
GMW-SF-8	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	20	---	---	---	---
GMW-SF-8	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	260	---	---	---	---
GMW-SF-8	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.8	---	---	---	---
GMW-SF-8	10/22/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	5.2	---	---	---	---
GMW-SF-8	01/29/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-SF-8	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.5	---	---	---	---
GMW-SF-8	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	10/06/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	01/27/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	07/19/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	11/03/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	02/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	08/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	02/27/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	05/02/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	09/18/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-SF-8	12/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	11/14/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	04/16/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	10/14/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	04/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-9	09/24/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	9.2	---	---	---	---
GMW-SF-9	10/10/03	79	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	14	---	---	---	---
GMW-SF-9	10/07/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-9	04/13/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-9	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	40	<1	<1	<1
GMW-SF-9	10/12/11	<100	1300	---	---	---	1.5	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
GMW-SF-9	04/19/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	110	<1	<1	<1
GMW-SF-9	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	270	<1	<1	<1
GMW-SF-10	09/24/03	90	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	210	---	---	---	---
GMW-SF-10	10/10/03	100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	120	---	---	---	---
GMW-SF-10	10/07/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-10	04/14/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-10	10/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-10	04/19/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-10	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GW-1	10/17/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.84	2.3	<10	<2	<2	<2
GW-1	08/03/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-1	04/29/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	4.7	<2	<10	<2	<2	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GW-1	10/21/15	<100	---	<100	---	---	2.3	<0.50	4.2	15	4.9	<2	<10	<2	<2	<2
GW-1	10/05/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	9.1	<1	<10	<2	<2	<2
GW-1	04/19/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.8	<1	<10	<2	<2	<2
GW-2	01/12/10	<100	---	---	---	120	3.6	<0.50	<0.50	<0.50	23	1.8	8.8 J	2.6	<2	<2
GW-2	10/08/10	180	---	---	---	800	18	---	---	---	4.6	1.4	21	---	---	---
GW-2	04/19/12	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4	0.6	<10	<2	<2	<2
GW-2	07/10/12	---	---	---	---	110	2.4	<0.50	<0.50	0.24	6.2	0.69	10	0.79 J	<2	<2
GW-2	04/11/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	11	1.2	<10	0.46 J	<2	<2
GW-2	10/07/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	4.3	0.55	<10	<2	<2	<2
GW-2	04/15/14	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	3.3	0.51	<10	<2	<2	<2
GW-2	11/03/14	1800	---	230	---	---	31	4	230	65	350	2.5	<2	<10	<2	<2
GW-2	04/21/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	2.4	<2	<10	<2	<2	<2
GW-2	10/22/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.1	<2	<10	<2	<2	<2
GW-2	04/12/16	<100	---	<100	---	---	1	<0.50	1.9	6.1	1.2	<1	<10	<2	<2	<2
GW-2	10/05/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.6	<1	<10	<2	<2	<2
GW-2	04/19/17	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	0.5	<1	<10	<2	<2	<2
GW-2	10/05/17	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	1.9	<1	<10	<2	<2	<2
GW-2	04/19/18	<100	---	190	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-3	04/11/03	---	134	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GW-3	10/11/03	---	300	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	---	---	---	---
GW-3	04/22/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<2	<2	<2
GW-3	11/04/04	---	3900	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	05/10/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	11/08/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	05/03/06	---	200	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	12/06/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	05/03/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	11/14/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	04/17/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	10/16/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	04/24/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	17	<2	<2	<2
GW-3	10/22/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	04/15/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	18	<2	<2	<2
GW-3	04/11/13	---	---	120	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	9.6 J	<2	<2	<2
GW-3	10/07/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	04/15/14	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	10/27/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-3	04/21/15	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-3	10/23/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-3	04/12/16	<100	---	<100	---	---	1	<0.50	2.2	6.9	<0.50	<1	<10	<2	<2	<2
GW-3	10/05/16	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-3	04/19/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-3	10/02/17	<100	---	290	---	---	2.4	<0.50	6	2	<0.50	<1	<10	<2	<2	<2
GW-3	10/25/17	---	---	240	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-3	04/19/18	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-4	04/24/15	<100	---	270	---	---	<0.50	<0.50	<0.50	<1	<0.50	2.6	<10	<2	<2	<2
GW-4	10/22/15	<100	---	4100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-4	10/10/16	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-6	11/06/98	339	<100	---	---	---	9.3	1.1	8.4	6.6	<0.50	<0.50	---	---	---	---
GW-6	05/27/99	<300	<100	---	---	---	62	<0.50	12	<0.50	<0.50	<0.50	---	---	---	---
GW-6	11/18/99	690	930	---	---	---	90	<1	80	<0.50	<0.50	<0.50	---	---	---	---
GW-6	05/17/00	<300	160	---	---	---	1.7	<0.50	2.5	<0.50	<0.50	19	---	---	---	---
GW-6	12/01/00	<300	180	---	---	---	3.7	<0.50	1.6	<0.50	<0.50	21	---	---	---	---
GW-6	05/10/01	<300	140	---	---	---	0.7	<0.50	<0.50	<0.50	<0.50	23	---	---	---	---
GW-6	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	21	---	---	---	---
GW-6	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	9.6	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GW-6	04/11/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GW-6	10/10/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.71	---	---	---	---
GW-6	04/22/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	11/04/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	05/10/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	11/08/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	05/05/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	05/02/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	04/17/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	10/15/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	04/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<2	<2	<2
GW-6	10/22/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	<10	<2	<2	<2
GW-6	04/13/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<2	<2	<2
GW-6	10/05/10	---	---	---	---	110	<0.50	---	---	---	<0.50	1.1	4.7 J	---	---	---
GW-6	10/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<2	<2	<2
GW-6	04/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<10	<2	<2	<2
GW-6	10/19/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<10	<2	<2	<2
GW-6	04/10/13	---	---	130 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	<10	<2	<2	<2
GW-6	10/08/13	<100	---	180 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	12	<2	<2	<2
GW-6	04/15/14	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	10/27/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-6	04/21/15	<100	---	250	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.1	25	<2	<2	<2
GW-6	10/05/16	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.4	<10	<2	<2	<2
GW-6	04/19/17	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-6	10/05/17	<100	---	230	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.9	<10	<2	<2	<2
GW-6	04/18/18	<100	---	180	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.7	<10	<2	<2	<2
GW-7	04/12/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	---	---	---	---
GW-7	04/22/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-7	10/11/16	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-7	04/19/17	<100	---	270	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	10/09/13	<100	---	190 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-8	04/18/14	<100	---	100 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-8	10/28/14	<100	---	180	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-8	04/24/15	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-8	10/22/15	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-8	10/07/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	04/18/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	10/03/17	<100	---	150	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	04/18/18	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-13(1")	11/15/07	---	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	0.94	3.5	20	<2	<2	<2
GW-13(6")	05/03/07	---	2800	---	---	---	<0.50	<0.50	<0.50	<0.50	0.83	5.3	31	<2	<2	<2
GW-13(6")	04/17/08	230	1300	---	---	---	<0.50	<0.50	<0.50	<0.50	0.99	4.4	28	<2	<2	<2
GW-13(6")	04/24/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	14	11	<10	2.1	<2	<2
GW-13(6")	01/12/10	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	21	4.8	5.2 J	3.7	<2	<2
GW-13(6")	04/13/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	7.4	12	16	1.5 J	<2	<2
GW-13(6")	10/08/10	<100	---	---	---	120	<0.50	---	---	---	5	11	24	---	---	---
GW-13(6")	04/22/11	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	3.7	6.8	16	0.72 J	<2	<2
GW-13(6")	04/18/12	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	6.9	3	<10	1.2 J	<2	<2
GW-13(6")	07/09/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.6	0.78	<10	<2	<2	<2
GW-13(6")	04/10/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	9.1	1.7	19	2 J	<2	<2
GW-13(6")	10/09/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	2.4	0.92	<10	<2	<2	<2
GW-13(6")	04/16/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	9.2	1.4	<10	1.8 J	<2	<2
GW-13(6")	11/03/14	1500	---	170	---	---	9.4	2.4	53	280	7.6	<2	<10	<2	<2	<2
GW-13(6")	04/21/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	8.5	<2	<10	<2	<2	<2
GW-13(6")	10/22/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	6.2	<2	<10	<2	<2	<2
GW-13(6")	04/12/16	<100	---	<100	---	---	0.57	<0.50	1.6	5.4	6.6	<1	<10	<2	<2	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME	
GW-13(6")	10/05/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	8.1	<1	<10	<2	<2	<2	
GW-13(6")	04/19/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.7	<1	<10	<2	<2	<2	
GW-13(6")	10/05/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.4	<1	<10	<2	<2	<2	
GW-13(6")	04/19/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	4.1	1.6	<10	<2	<2	<2	
GW-14(1")	11/15/07	---	950	---	---	---	35	<0.50	14	3.94	<0.50	18	20	<2	<2	<2	
GW-14(1")	04/18/08	900	1000	---	---	---	78	<0.50	<0.50	2.25	<0.50	18	13	<2	<2	<2	
GW-14(1")	10/22/09	110	---	---	---	900	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GW-14(1")	01/13/10	950	---	---	---	2100	62	0.35 J	1	1.4	<0.50	17	18	<2	<2	<2	
GW-14(6")	05/03/07	---	4000	---	---	---	200	5.2	220	900	---	39	---	---	---	---	
GW-14(6")	10/16/08	820	---	---	---	2700	40	<0.50	2.1	1	<0.50	22	16	<2	<2	<2	
GW-14(6")	04/24/09	690	---	---	---	1600	66	<0.50	0.99	0.64	<0.50	13	14	<2	<2	<2	
GW-14(6")	04/15/11	---	---	---	---	2600	---	---	---	---	---	---	---	---	---	---	
GW-14(6")	04/22/11	---	---	---	---	---	76	<0.50	9.4	9.01	<0.50	17	7.8 J	<2	<2	0.87 J	
GW-14(6")	04/20/12	1800 b	---	---	---	1300	19	<0.50	14	6.46	<0.50	8.5	<10	<2	<2	<2	
GW-14(6")	07/10/12	---	---	---	---	2200	18	<0.50	16	10.6	<0.50	8.2	5.1 J	<2	<2	<2	
GW-14(6")	04/12/13	1800 b	---	4800	---	---	30	<0.50	8.2	1.34 J	<0.50	13	10	<2	<2	0.82 J	
GW-14(6")	10/09/13	1600 b	---	3400 b	---	---	48	<0.50	7.3	1.15	<0.50	15	<10	<2	<2	<2	
GW-14(6")	04/17/14	2200 b	---	7700 b	---	---	32	<0.50	8.4	1.22	<0.50	11	64	<2	<2	<2	
GW-14(6")	10/31/14	1700	---	3200	---	---	160	<0.50	1.1	0.62	<0.50	20	20	<2	<2	<2	
GW-15(6")	05/03/07	8500	1600	---	---	---	1100	1000	130	570	<0.50	<0.50	<10	<2	<2	<2	
GW-15(6")	11/03/14	32000	---	11000	---	---	2700	78	1100	5100	<10	<40	<200	<40	<40	<40	
GW-15(6")	04/21/15	7700	---	2100	---	---	250	<10	150	850	<10	<40	<200	<40	<40	<40	
GW-15(6")	10/26/15	7500	---	38000	---	---	350	<2.5	120	660	<2.5	<10	<50	<10	<10	<10	
GW-15(6")	10/11/16	8700	---	24000	---	---	730	<2.5	<2.5	<5	<5	<50	<10	<10	<10	<10	
GW-15(6")	10/09/17	990	---	610	---	---	550	<5	<5	10	<5	<10	<100	<20	<20	<20	
GW-15(6")	04/23/18	640	---	360	---	---	340	<5	<5	<10	<5	<10	<100	<20	<20	<20	
GW-16(6")	10/23/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GW-16(6")	01/13/10	<100	---	---	---	460	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6.4 J	<2	<2	<2	
GW-16(6")	04/19/10	---	---	---	---	<100	<0.50	<0.50	2.6	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GW-16(6")	10/08/10	<100	---	---	---	<100	1.7	---	---	---	<0.50	<0.50	5.5 J	---	---	---	
GW-16(6")	04/12/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	76	<2	<2	<2	
GW-16(6")	10/09/13	<100	---	1300 b	---	---	1	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GW-16(6")	04/17/14	<100	---	<98	---	---	4.7	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GW-16(6")	11/03/14	2500	---	250	---	---	58	6	88	470	<0.50	<2	<10	<2	<2	<2	
GW-16(6")	04/21/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2	
GW-16(6")	10/21/15	100	---	<100	---	---	7.1	<0.50	7.4	26	<0.50	<2	<10	<2	<2	<2	
GW-16(6")	04/13/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	2.3	<0.50	<1	<10	<2	<2	<2	
GW-16(6")	10/04/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GW-16(6")	04/18/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GW-16(6")	10/03/17	<100	---	<100	---	---	2.2	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-16(6")	04/17/18	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GWR-1	11/26/96	---	---	---	---	---	1500	21	150	102	<5	2700	---	---	---	---	
GWR-1	07/16/97	1300	---	920	---	---	220	<5	360	28.8	<5	1800	---	---	---	---	
GWR-1	01/09/98	210	---	<500	---	---	2.9	<0.50	40	240	<0.50	330	---	---	---	---	
GWR-1	05/27/98	4100	---	---	---	---	960	90	90	240	<0.50	630	---	---	---	---	
GWR-1	11/17/98	3830	3320	---	---	---	1200	74	99	387	<25	1070	---	---	---	---	
GWR-1	05/07/99	4200	---	530	---	---	1600	22	96	290	<13	910	---	---	---	---	
GWR-1	11/18/99	1300	800	---	---	---	220	<10	14	14	<10	690	---	---	---	---	
GWR-1	05/16/00	880	1400	---	---	---	160	<10	16	16	6.1	550	---	---	---	---	
GWR-1	11/30/00	3200	5300	---	---	---	1600	8.6	87	33	<0.50	360	---	---	---	---	
GWR-1	05/08/01	4400	6900	---	---	---	1800	170	160	235	<10	370	---	---	---	---	
GWR-1	11/06/01	2300	710	---	---	---	240	13	31	56	<0.50	2400	---	---	---	---	
GWR-1	04/09/02	2500	1000	---	---	---	580	<10	18	57	<10	4000	---	---	---	---	
GWR-1	10/23/02	1900	1900	---	---	---	270	<10	<10	<10	<10	2500	---	---	---	---	
GWR-1	10/07/03	1400	500	---	---	---	150	1.7	7.5	19.7	110	1300	---	---	---	---	
GWR-1	05/06/05	16000	39000	---	---	---	260	610	460	2060	<5	11	---	---	---	---	

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GWR-1	08/01/05	8300	3800	---	---	---	1700	490	370	1110	<20	25	---	---	---	---
GWR-1	05/04/06	3700	1900	---	---	---	980	23	120	343	<10	19	---	---	---	---
GWR-1	09/18/06	960	880	---	---	---	220	4.4	19	63.6	<2	5.4	---	---	---	---
GWR-1	05/02/07	750	720	---	---	---	170	1.3	12	<1	<2	4.1	---	---	---	---
GWR-1	04/17/08	3600	1500	---	---	---	1700	17	87	60	<30	21	---	---	---	---
GWR-1	04/20/09	5100	1700	---	---	---	3000	<15	48	<15	<30	31	<300	30	<30	<30
GWR-1	05/27/10	2100	1100	---	---	---	800	9.5	16	34	<10	23	<100	27	<10	<10
GWR-1	04/13/11	1300	2300	---	---	---	490	43	31	54	<5	4.1	160	5.2	<5	<5
GWR-1	04/20/12	450	---	230	---	---	84	<1	4.8	<1	<2	3.4	<20	4.9	<2	<2
GWR-1	10/18/12	440	---	240	---	---	140	2.2	<1.5	1.5	<3	8.6	68	15	<3	<3
GWR-1	04/11/13	<500	---	330	---	---	<2.5	<2.5	<2.5	<2.5	<5	9.1	68	13	<5	<5
GWR-1	10/11/13	<200	---	220	---	---	<1	<1	<1	<1	<2	6.7	120	12	<2	<2
GWR-1	04/17/14	130	---	90	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.6	180	10	<1	<1
GWR-1	10/30/14	<100	---	1000	---	---	<0.50	<0.50	<0.50	<0.50	<1	8.9	54	5.3	<1	<1
GWR-1R	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.72	<0.50	93	4.7	<1	<1
GWR-1R	10/05/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.96	<0.50	76	5.2	<1	<1
GWR-1R	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	0.52	90	5.7	<1	<1
GWR-3	10/08/10	21000	<29000	---	---	---	10000	<100	<100	<100	<200	400	<2000	<200	<200	<200
GWR-3	04/13/11	25000	36000	---	---	---	11000	<50	<50	<50	<100	300	<1000	<100	<100	<100
GWR-3	10/13/11	<20000	6600	---	---	---	9100	<100	<100	<100	<200	280	<2000	<200	<200	<200
HL-2	11/27/96	---	---	---	---	---	2600	100	560	390	170	3000	---	---	---	---
HL-2	07/16/97	1400	---	530	---	---	200	1.2	150	13.3	74	810	---	---	---	---
HL-2	01/09/98	150	---	---	---	---	<0.50	0.79	3.5	<1.5	40	570	---	---	---	---
HL-2	01/12/98	---	---	<500	---	---	---	---	---	---	---	---	---	---	---	---
HL-2	05/27/98	500	---	---	---	---	72	9	6	42	60	308	---	---	---	---
HL-2	11/17/98	<300	<100	---	---	---	0.95	<0.50	<0.50	0.6	0.94	13.8	---	---	---	---
HL-2	05/07/99	<500	---	<500	---	---	1.8	5.1	<0.50	1.8	<1	4.8	---	---	---	---
HL-2	11/19/99	<300	<100	---	---	---	2	<0.50	<0.50	<0.50	2.6	36	---	---	---	---
HL-2	05/16/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.4	14	---	---	---	---
HL-2	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.2	---	---	---	---
HL-2	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.3	---	---	---	---
HL-2	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
HL-2	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-2	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	---	---	---	---
HL-2	07/08/03	---	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
HL-2	10/07/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.96	---	---	---	---
HL-2	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.9	---	---	---	---
HL-2	07/08/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	---	---	---	---
HL-2	05/06/05	280	<100	---	---	---	78	<0.50	<0.50	1.2	15	130	---	---	---	---
HL-2	11/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.8	---	---	---	---
HL-2	05/09/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
HL-2	12/06/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-2	05/02/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-2	11/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-2	04/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	---	---	---	---
HL-2	10/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-2	04/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	<10	<1	<1	<1
HL-2	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
HL-2	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.58	<10	<1	<1	<1
HL-2	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	0.61	<0.50	0.88	<10	<1	<1	<1
HL-2	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/13/16	<50	---	63	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/05/17	<50	---	270	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/19/18	<50	---	72	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	05/10/01	<300	300	---	---	---	<0.50	<0.50	<0.50	<0.50	1.4	110	---	---	---	---
HL-3	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	93	---	---	---	---
HL-3	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.1	77	---	---	---	---
HL-3	10/23/02	<300	360	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	85	---	---	---	---
HL-3	10/07/03	80	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	67	---	---	---	---
HL-3	05/06/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-3	05/03/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-3	05/02/07	81	290	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	38	---	---	---	---
HL-3	04/17/08	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.7	---	---	---	---
HL-3	04/20/09	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<10	<1	<1	<1
HL-3	05/27/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	10/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/16/14	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	10/30/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
HL-3	04/22/15	<50	---	70	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	<10	<1	<1	<1
HL-3	10/23/15	<50	---	60	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	03/14/16	130	---	130	---	---	1.1	2.8	7.1	27	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/13/16	<50	---	100	---	---	<0.50	<0.50	0.8	3	<0.50	<0.50	<10	<1	<1	<1
HL-3	06/29/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.58	<10	<1	<1	<1
HL-3	10/06/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	10/05/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-4	11/25/96	---	---	---	---	---	<10	3.2	350	8.5	<3	1200	---	---	---	---
HL-4	07/16/97	270	---	<500	---	---	76	<1	<1	16.5	33	1500	---	---	---	---
HL-4	01/08/98	590	---	660	---	---	170	13	7.1	5	90	2300	---	---	---	---
HL-4	05/27/98	1100	---	---	---	---	156	26	15	120	28	440	---	---	---	---
HL-4	11/17/98	2030	1380	---	---	---	700	76.2	20	107.8	<0.50	904	---	---	---	---
HL-4	05/07/99	2800	---	<500	---	---	1100	31	130	84	<6	1500	---	---	---	---
HL-4	11/18/99	2500	1100	---	---	---	720	<10	<10	118	<10	520	---	---	---	---
HL-4	05/16/00	1200	1000	---	---	---	300	<10	<10	29	51	740	---	---	---	---
HL-4	11/29/00	1900	1200	---	---	---	26	<10	<10	<10	89	2800	---	---	---	---
HL-4	05/08/01	1700	1100	---	---	---	39	<0.50	0.5	1.7	27	3300	---	---	---	---
HL-4	11/06/01	950	140	---	---	---	97	<0.50	<0.50	0.9	<0.50	930	---	---	---	---
HL-4	04/09/02	1600	230	---	---	---	940	<5	<5	35	<5	200	---	---	---	---
HL-4	10/23/02	<300	320	---	---	---	8.5	<5	<5	<5	<5	1100	---	---	---	---
HL-4	04/08/03	1500	<100	---	---	---	2.8	<2.5	<2.5	<2.5	36	2200	---	---	---	---
HL-4	10/07/03	690	110	---	---	---	140	<1	<1	<1	<2	480	---	---	---	---
HL-4	04/21/04	340	<100	---	---	---	39	<0.50	<0.50	<0.50	<1	370	---	---	---	---
HL-4	11/03/04	200	120	---	---	---	54	<0.50	<0.50	<0.50	<0.50	13	---	---	---	---
HL-5	07/14/97	950	---	3200	---	---	---	---	---	---	---	---	---	---	---	---
HP-1	08/07/97	---	---	---	170	---	<5	<5	<5	<10	<5	<5	---	---	---	---
HP-2	08/07/97	---	---	---	130	---	<5	<5	<5	<10	<5	<5	---	---	---	---
HP-3	08/07/97	---	---	---	<50	---	<5	<5	<5	<10	<5	<5	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
HP-6	08/08/97	---	---	---	230	---	<5	<5	<5	<10	<5	<5	---	---	---	---
HP-8	08/08/97	---	---	---	35000	---	11000	12000	1200	7300	<500	<500	---	---	---	---
MW-6	11/22/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	130	70	---	---	---	---
MW-6	07/16/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	32	62	---	---	---	---
MW-6	01/05/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	11	39	---	---	---	---
MW-6	05/26/98	<300	---	---	---	---	<2.5	<2.5	<2.5	<5	118	107	---	---	---	---
MW-6	11/17/98	<300	<100	---	---	---	4.8	11.6	1.5	9.9	9.2	12.7	---	---	---	---
MW-6	05/07/99	<500	---	<500	---	---	<0.50	1.5	<0.50	<0.50	83	120	---	---	---	---
MW-6	11/16/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	20	18	---	---	---	---
MW-6	05/19/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	14	12	---	---	---	---
MW-6	11/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	12	3	---	---	---	---
MW-6	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	9.8	11	---	---	---	---
MW-6	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	11	6.2	---	---	---	---
MW-6	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	7.6	6	---	---	---	---
MW-6	10/24/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	9.4	4.6	---	---	---	---
MW-6	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	7.4	3.2	---	---	---	---
MW-6	10/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	9.1	2.5	---	---	---	---
MW-6	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.9	2.8	---	---	---	---
MW-6	11/05/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4	4	---	---	---	---
MW-6	05/05/05	89	100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	61	---	---	---	---
MW-6	11/03/05	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	9.9	30	---	---	---	---
MW-6	05/03/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	6.8	2.5	---	---	---	---
MW-6	12/07/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	7.1	2.7	---	---	---	---
MW-6	05/05/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4	2.5	---	---	---	---
MW-6	11/14/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.4	2.3	---	---	---	---
MW-6	04/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.2	2.7	---	---	---	---
MW-6	10/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	4	---	---	---	---
MW-6	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	0.69	<10	<1	<1	<1
MW-6	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	1	<10	<1	<1	<1
MW-6	05/27/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	1.9	<10	<1	<1	<1
MW-6	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.7	2	<10	<1	<1	<1
MW-6	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.7	2.3	<10	<1	<1	<1
MW-6	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.2	1	<10	<1	<1	<1
MW-6	04/19/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.86	<0.50	<10	<1	<1	<1
MW-6	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-6	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.7	<0.50	<10	<1	<1	<1
MW-6	10/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.82	0.51	<10	<1	<1	<1
MW-6	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.58	0.55	<10	<1	<1	<1
MW-6	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.51	0.67	<10	<1	<1	<1
MW-6	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	<10	<1	<1	<1
MW-6	10/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	0.99	1.9	5.7	<10	1.1	<1	<1
MW-6	04/14/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.72	1.2	<10	<1	<1	<1
MW-6	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.96	1.2	<10	<1	<1	<1
MW-6	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.99	2.2	<10	<1	<1	<1
MW-6	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	14	2	<10	1.3	<1	<1
MW-6	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7.5	3.6	<10	2.3	<1	<1
MW-7	11/25/96	---	---	---	---	---	3.5	<1	16	<3	6.8	1000	---	---	---	---
MW-7	07/14/97	540	---	<500	---	---	88	<3	<3	<3	<3	790	---	---	---	---
MW-7	01/08/98	150	---	<500	---	---	9	<0.50	<0.50	<1.5	4.1	400	---	---	---	---
MW-7	05/26/98	400	---	---	---	---	<5	<5	<5	7	10	380	---	---	---	---
MW-7	11/17/98	<300	<100	---	---	---	5.4	7	<5	<5	<5	351	---	---	---	---
MW-7	05/07/99	<500	---	<500	---	---	0.79	2.2	<0.50	0.71	6.8	540	---	---	---	---
MW-7	11/16/99	540	<100	---	---	---	8.5	<0.50	<0.50	<0.50	4.7	670	---	---	---	---
MW-7	05/17/00	590	880	---	---	---	<5	<5	<5	<5	14	900	---	---	---	---
MW-7	11/30/00	590	320	---	---	---	4.1	<0.50	<0.50	<0.50	5.4	640	---	---	---	---
MW-7	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.1	36	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-7	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.4	8.2	---	---	---	---
MW-7	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	71	---	---	---	---
MW-7	10/23/02	<300	180	---	---	---	<0.50	<0.50	<0.50	<0.50	2	5	---	---	---	---
MW-7	04/10/03	57	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	1.3	---	---	---	---
MW-7	10/07/03	67	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	1.2	---	---	---	---
MW-7	04/21/04	62	120	---	---	---	<0.50	<0.50	<0.50	<0.50	0.68	1.4	---	---	---	---
MW-7	11/03/04	58	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	---	---	---	---
MW-7	05/06/05	58	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.82	---	---	---	---
MW-7	11/03/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
MW-7	05/03/06	<50	<110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-7	12/06/06	<50	270	---	---	---	<0.50	<0.50	<0.50	<0.50	0.65	1.5	---	---	---	---
MW-7	05/02/07	<50	160	---	---	---	<0.50	<0.50	<0.50	<0.50	0.64	0.83	---	---	---	---
MW-7	11/13/07	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	0.57	0.83	---	---	---	---
MW-7	04/17/08	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
MW-7	10/17/08	<50	190	---	---	---	<0.50	<0.50	<0.50	<0.50	1.8	0.94	---	---	---	---
MW-7	04/20/09	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	2.1	0.6	<10	2.9	<1	<1
MW-7	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	0.56	<10	2	<1	<1
MW-7	05/26/10	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	0.87	<0.50	<10	5.5	<1	<1
MW-7	10/07/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1	0.64	260	9.3	<1	<1
MW-7	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	98	6	<1	<1
MW-7	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.99	<0.50	25	1.5	<1	<1
MW-7	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<10	<1	<1	<1
MW-7	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1	<0.50	<10	<1	<1	<1
MW-7	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<1	<1	<1
MW-7	10/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1	<1	<1
MW-7	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	<1	<1	<1
MW-7	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.82	<0.50	<10	<1	<1	<1
MW-7	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-7	10/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1	<0.50	<10	<1	<1	<1
MW-7	04/14/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.78	<0.50	<10	<1	<1	<1
MW-7	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1	<1	<1
MW-7	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.77	<0.50	<10	<1	<1	<1
MW-7	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-7	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.61	<0.50	<10	<1	<1	<1
MW-8	11/26/96	---	---	---	---	---	4400	<30	<30	<80	<30	26000	---	---	---	---
MW-8	07/17/97	<100	---	520	---	---	<10	<10	<10	<20	<10	11000	---	---	---	---
MW-8	01/02/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	14	---	---	---	---
MW-8	05/20/98	400	---	---	---	---	<2.5	<2.5	<2.5	<5	<2.5	554	---	---	---	---
MW-8	11/17/98	<300	<100	---	---	---	2.4	6	0.8	4.6	<0.50	55.6	---	---	---	---
MW-8	05/07/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	52	---	---	---	---
MW-8	11/18/99	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.2	---	---	---	---
MW-8	05/17/00	<300	170	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3	---	---	---	---
MW-8	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	15	---	---	---	---
MW-8	02/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	380	---	---	---	---
MW-8	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	430	---	---	---	---
MW-8	09/19/01	790	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1000	---	---	---	---
MW-8	01/30/02	1700	<100	---	---	---	<10	<10	<10	<10	<10	1900	---	---	---	---
MW-8	04/10/02	1500	<100	---	---	---	11	<10	<10	<10	<10	2200	---	---	---	---
MW-8	10/22/02	<300	<100	---	---	---	150	<10	11.5	<10	<10	750	---	---	---	---
MW-8	01/29/03	<300	<100	---	---	---	<1	<1	<1	<1	<1	190	---	---	---	---
MW-8	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	28	---	---	---	---
MW-8	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	13	---	---	---	---
MW-8	10/06/03	79	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.7	---	---	---	---
MW-8	01/28/04	100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4	---	---	---	---
MW-8	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.61	---	---	---	---
MW-8	07/19/04	80	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.95	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-8	11/02/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-8	02/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	---	---	---	---
MW-8	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	---	---	---	---
MW-8	08/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.4	---	---	---	---
MW-8	11/01/05	110	270	---	---	---	<0.50	<0.50	<0.50	4.2	<0.50	0.6	---	---	---	---
MW-8	02/27/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.65	---	---	---	---
MW-8	05/02/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.1	---	---	---	---
MW-8	09/19/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.6	---	---	---	---
MW-8	12/06/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.61	---	---	---	---
MW-8	03/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-8	05/04/07	<200	<100	---	---	---	<1	<1	<1	<1	<2	<1	---	---	---	---
MW-8	08/29/07	<200	<100	---	---	---	<1	<1	<1	<1	<2	<1	---	---	---	---
MW-8	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.9	---	---	---	---
MW-8	02/07/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
MW-8	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	---	---	---	---
MW-8	10/14/08	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.59	---	---	---	---
MW-8	04/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	2000	<1	<1	<1
MW-8	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.69	570	<1	<1	<1
MW-8	05/27/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	<10	<1	<1	<1
MW-8	10/07/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<1600	<1	<1	<1
MW-8	04/13/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1100	<1	<1	<1
MW-8	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	970	<1	<1	<1
MW-8	04/19/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	71	<1	<1	<1
MW-8	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	220	<1	<1	<1
MW-8	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	10/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	10/30/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	<10	<1	<1
MW-8	04/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	<10	<1	<1	<1
MW-8	10/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<1	<1	<1
MW-8	04/14/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	<10	<1	<1	<1
MW-8	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-9	11/26/96	---	---	---	---	---	18	<0.50	69	1.6	<0.50	<5	---	---	---	---
MW-9	07/17/97	1400	---	2900	---	---	40	<1	140	21.5	<1	<10	---	---	---	---
MW-9	01/08/98	1100	---	570	---	---	19	0.74	55	2.4	<0.50	<5	---	---	---	---
MW-9	05/26/98	4700	---	---	---	---	69	<0.30	51	97.2	<2.5	10	---	---	---	---
MW-9	11/18/99	1800	4500	---	---	---	24	<0.50	2.7	2	<0.50	<0.50	---	---	---	---
MW-9	05/19/00	1300	3900	---	---	---	12	<0.50	0.8	0.5	<0.50	1.8	---	---	---	---
MW-9	11/05/04	2500	21000	---	---	---	27	<0.50	0.84	0.52	<1	52	---	---	---	---
MW-9	05/06/05	780	3300	---	---	---	2.3	<1	25	<1	<2	110	---	---	---	---
MW-9	11/01/05	1700	5400	---	---	---	9.3	<1	4.7	5.3	<2	120	---	---	---	---
MW-9	05/04/06	1000	10000	---	---	---	13	<0.50	2.2	1.4	<1	140	---	---	---	---
MW-9	12/08/06	1400	14000	---	---	---	16	<0.50	<0.50	<0.50	<0.50	160	---	---	---	---
MW-9	05/04/07	1700	61000	---	---	---	9.2	<0.50	0.5	<0.50	<1	130	---	---	---	---
MW-9	04/18/08	2500	11000	---	---	---	51	<1	1.7	1.9	<2	16	---	---	---	---
MW-9	10/14/08	1600	4700	---	---	---	27	<1	<1	<1	<2	26	---	---	---	---
MW-9	04/23/09	1600	11000	---	---	---	33	<2.5	<2.5	<2.5	<5	6.2	130	<5	<5	<5
MW-9	05/27/10	1600	11000	---	---	---	24	<5	<5	<5	<10	<5	<100	<10	<10	<10
MW-9	10/07/10	2400	<12000	---	---	---	23	<2	<2	<2	<4	3.3	50	<4	<4	<4
MW-9	04/14/11	1400	28000	---	---	---	18	<5	<5	<5	<10	<5	<100	<10	<10	<10
MW-9	10/12/11	1200	8700	---	---	---	17	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
MW-9	04/20/12	2200	---	4500	---	---	20	<5	<5	<5	<10	<5	<100	<10	<10	<10
MW-9	10/17/12	1200	---	2500	---	---	9.1	<2.5	<2.5	<2.5	<5	3.7	<50	<5	<5	<5

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-9	04/11/13	870	---	4400	---	---	4.8	<2.5	<2.5	<2.5	<5	4.5	<50	<5	<5	<5
MW-9	10/10/13	1200	---	2100	---	---	4.2	<1	<1	<1	<2	11	45	<2	<2	<2
MW-9	04/17/14	1100	---	2500	---	---	<2.5	<2.5	<2.5	<2.5	<5	13	150	<5	<5	<5
MW-9	10/30/14	<500	---	2600	---	---	<2.5	<2.5	<2.5	<2.5	<5	6.7	51	<5	<5	<5
MW-9	04/23/15	660	---	2900	---	---	5	3.6	2.6	24	<5	6.4	83	<5	<5	<5
MW-9	10/26/15	420	---	1600	---	---	<0.50	<0.50	<0.50	<0.50	<1	5.8	40	<1	<1	<1
MW-9	04/14/16	260	---	1100	---	---	1.7	<0.50	<0.50	<0.50	<0.50	1.8	30	<1	<1	<1
MW-9	10/05/16	85	---	280	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	22	<1	<1	<1
MW-9	04/19/17	99	---	600 J	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	20	<1	<1	<1
MW-9	10/05/17	<100	---	340	---	---	<0.50	<0.50	<0.50	<0.50	<1	2.6	22	<1	<1	<1
MW-9	04/19/18	66	---	250	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	15	<1	<1	<1
MW-10	11/21/96	<38	---	<500	<500	---	<0.50	<0.50	5.1	2.3	<0.50	---	---	---	---	---
MW-10	07/09/97	<50	---	170	<50	---	<0.50	<1	2	<2	---	---	---	---	---	---
MW-10	01/06/98	<500	---	<100	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	05/20/98	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	11/04/98	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	05/27/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	11/18/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	05/16/00	<300	120	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	11/29/00	<300	<100	---	---	---	<0.30	<0.30	<0.30	2.4	---	<5	---	---	---	---
MW-10	05/09/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-10	11/07/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-10	04/10/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-10	04/14/16	<100	---	<100	---	---	<0.50	---	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-11	12/01/00	<300	290	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-11	05/10/01	<300	180	---	---	---	1	<0.30	0.61	<0.60	---	13	---	---	---	---
MW-11	11/07/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-11	04/10/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	19	---	---	---	---
MW-11	04/14/03	---	6120	---	---	---	83.6	1.54	58.8	51	---	<3	---	---	---	---
MW-11	10/10/03	---	1000	---	---	---	<0.30	<0.30	0.42	0.95	---	12	---	---	---	---
MW-11	04/22/04	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	6.4	---	---	---	---
MW-11	11/06/04	---	1300	---	---	---	2.3	<0.30	0.64	5.9	---	8.1	---	---	---	---
MW-11	05/07/05	---	<100	---	---	---	0.34	0.61	<0.30	0.6	---	13	---	---	---	---
MW-11	11/08/05	---	<100	---	---	---	0.33	<0.30	<0.30	0.69	---	37	---	---	---	---
MW-11	05/05/06	---	2300	---	---	---	1.6	3.4	3.4	6.9	---	11	---	---	---	---
MW-11	12/08/06	---	740	---	---	---	3.1	<0.50	<0.50	<1	---	20	---	---	---	---
MW-11	05/03/07	---	1300	---	---	---	4.3	<0.50	0.86	1.1	---	43	---	---	---	---
MW-11	11/14/07	---	450	---	---	---	<0.50	<0.50	<0.50	<1	---	18	---	---	---	---
MW-11	04/18/08	---	1100	---	---	---	<0.50	<0.50	1	1.5	---	<5	---	---	---	---
MW-11	10/17/08	---	---	---	---	---	880	<0.50	<0.50	<0.50	<0.50	12	<10	<2	<2	<2
MW-11	04/24/09	---	---	---	---	---	520	<0.50	<0.50	<0.50	<0.50	8.7	<10	<2	<2	<2
MW-11	10/22/09	---	---	---	---	---	670	<0.50	<0.50	<0.50	<0.50	3.9	<10	<2	<2	<2
MW-11	04/14/10	---	---	---	---	---	700	<0.50	<0.50	0.58	<0.50	3.8	<10	<2	<2	<2
MW-11	04/19/12	220	---	---	---	---	710	<0.50	<0.50	0.31 J	<0.50	<0.50	<10	<2	<2	<2
MW-11	07/10/12	---	---	---	---	---	780	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-12	05/22/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.10	<0.50	---	---	---	---
MW-12	11/11/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/07/99	<500	---	<500	---	---	1.2	4.8	<0.50	2.1	<1	<0.50	---	---	---	---
MW-12	11/16/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/19/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	11/07/01	<300	<100	---	---	---	1.3	1.1	<0.50	0.7	<0.50	<0.50	---	---	---	---
MW-12	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	10/24/02	<300	2800	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-12	10/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	04/22/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	11/05/04	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	11/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/03/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	12/07/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/05/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	11/14/07	<50	190	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	04/17/08	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	10/21/08	<50	170	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	04/22/09	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/21/09	<50	150	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/18/12	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/09/13	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	11/06/15	<50	---	61	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-13	11/22/96	1100	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	---	---	---	---	---
MW-13	07/09/97	<50	---	<50	<50	---	<0.50	<1	<1	<2	---	---	---	---	---	---
MW-13	01/06/98	<500	---	<100	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-13	05/20/98	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-13	11/05/98	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-13	05/26/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-13	11/18/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-13	05/17/00	<300	20000	---	---	---	<0.30	1.2	<0.30	0.91	---	---	---	---	---	---
MW-13	11/29/00	<300	410	---	---	---	<0.30	<0.30	<0.30	0.89	---	<5	---	---	---	---
MW-13	03/30/01	---	<50	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-13	05/09/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-13	11/07/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	14	---	---	---	---
MW-13	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-13	10/23/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
MW-13	04/09/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-13	10/08/03	---	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-13	04/21/04	---	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	11/03/04	---	320	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	05/05/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	11/05/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	05/03/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	12/05/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	05/02/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/16/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/15/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-13	04/20/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/22/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/19/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/06/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
MW-13	04/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/17/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/09/13	---	---	140 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/08/13	<100	---	330 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/15/14	<100	---	97 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	12	<2	<2	<2
MW-13	10/28/14	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-13	04/28/15	<100	---	<100	---	---	0.63	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-13	10/22/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-13	04/12/16	<100	---	<100	---	---	0.95	<0.50	2	6.2	<0.50	<1	<10	<2	<2	<2
MW-13	10/04/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-13	04/18/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-13	10/03/17	<100	---	270	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-13	04/17/18	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-14	11/21/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	99	---	---	---	---
MW-14	07/09/97	<50	---	200	<50	---	<5	<5	<5	<5	<5	<5	---	---	---	---
MW-14	01/06/98	<500	---	<100	800	---	107	<0.50	4	10	2	15	---	---	---	---
MW-14	05/20/98	400	---	---	---	---	24	<0.50	7	14	<0.50	12	---	---	---	---
MW-14	08/26/98	<300	367	---	---	---	<0.50	<0.50	0.7	2.1	<0.50	109	---	---	---	---
MW-14	11/04/98	<300	361	---	---	---	<0.50	2.8	4.8	24.6	<0.50	48.6	---	---	---	---
MW-14	02/03/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	86	---	---	---	---
MW-14	05/07/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	0.53	<1	450	---	---	---	---
MW-14	05/26/99	<300	<100	---	---	---	<0.50	<0.50	<0.70	1.1	<0.50	230	---	---	---	---
MW-14	08/10/99	<500	---	<1000	---	---	<0.50	<1	<1	<1	2.9	110	---	---	---	---
MW-14	11/18/99	<300	<100	---	---	---	<2.5	<5	<5	<5	12	26	---	---	---	---
MW-14	02/29/00	<300	420	---	---	---	<0.50	<0.50	<0.50	<0.50	36	15	---	---	---	---
MW-14	05/16/00	<300	370	---	---	---	<0.50	<0.50	<0.50	1.4	42	7.7	---	---	---	---
MW-14	08/29/00	<300	3800	---	---	---	<0.50	<0.50	<0.50	0.6	38	9.6	---	---	---	---
MW-14	11/29/00	<300	130	---	---	---	<0.50	<0.50	0.5	0.9	15	18	---	---	---	---
MW-14	02/06/01	<300	230	---	---	---	<0.50	<0.50	<0.50	0.5	11	13	---	---	---	---
MW-14	05/09/01	<300	310	---	---	---	<0.50	<0.50	1.8	7.4	32	8.2	---	---	---	---
MW-14	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	1.1	23	15	---	---	---	---
MW-14	11/07/01	<300	190	---	---	---	<0.50	<0.50	0.8	2.3	29	10	---	---	---	---
MW-14	01/30/02	<300	450	---	---	---	<0.50	<0.50	<0.50	1.5	8.1	25	---	---	---	---
MW-14	04/10/02	<300	<100	---	---	---	<0.50	<0.50	2.7	6.4	4.1	24	---	---	---	---
MW-14	07/30/02	<300	500	---	---	---	<0.50	<0.50	0.98	2.4	3.9	25	---	---	---	---
MW-14	10/23/02	<300	300	---	---	---	<0.50	<1	<1	<1	4.3	22	---	---	---	---
MW-14	01/28/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	0.67	5.9	17	---	---	---	---
MW-14	04/11/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.84	16.8	---	---	---	---
MW-14	10/10/03	---	580	---	---	---	<0.50	<0.50	1.2	4.03	7.4	19	---	---	---	---
MW-14	04/22/04	---	<100	---	---	---	<0.50	<0.50	<0.50	0.89	4.7	19	<10	<2	<2	<2
MW-14	07/21/04	250	290	---	---	---	<0.50	<0.50	0.61	1.4	---	22	---	---	---	---
MW-14	11/04/04	---	610	---	---	---	<0.50	<0.50	<0.50	<0.50	5.6	19	<10	<2	<2	<2
MW-14	03/02/05	---	320	---	---	---	<0.50	<1	<1	<1	---	14	---	---	---	---
MW-14	05/07/05	---	430	---	---	---	1.3	<0.50	<0.50	<0.50	<0.50	9.3	22	<2	<2	<2
MW-14	11/08/05	---	2200	---	---	---	6.5	<0.50	1.3	3.6	1	3.6	32	<2	<2	<2
MW-14	05/03/06	---	2600	---	---	---	<0.50	<0.50	<0.50	<0.50	0.78	4.2	31	<2	<2	<2
MW-14	07/28/06	290	4300	---	---	---	<0.50	<0.50	<0.50	<0.50	0.83	4.2	31	<2	<2	<2
MW-14	12/06/06	---	1900	---	---	---	<0.50	<0.50	<0.50	<0.50	0.98	3.3	20	<2	<2	<2
MW-14	03/23/07	670	3400	---	---	---	<0.50	<0.50	<0.50	<0.50	0.94	3.5	29	<2	<2	<2
MW-14	05/03/07	---	3100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.94	3.6	<10	<2	<2	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-14	08/31/07	480	2800	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	27	<2	<2	<2
MW-14	11/15/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.97	4	20	<2	<2	<2
MW-14	02/07/08	180	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	0.86	5.2	28	<2	<2	<2
MW-14	04/17/08	---	1700	---	---	---	<0.50	<0.50	<0.50	<0.50	1.2	4.6	32	<2	<2	<2
MW-14	10/16/08	---	---	---	---	570	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	10	<2	<2	<2
MW-14	02/12/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	1.1	1.6	<10	<2	<2	<2
MW-14	04/22/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	16	1.9	<10	<2	<2	<2
MW-14	07/20/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	13	1.5	<10	2.4	<2	<2
MW-14	10/22/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	16	2.5	<10	3	<2	<2
MW-14	01/12/10	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	13	2.7	4.2 J	3.2	<2	<2
MW-14	04/13/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.4 J	4.3	<10	<2	<2	<2
MW-14	10/04/10	---	---	---	---	100	<0.50	---	---	---	0.99	3.4	<10	---	---	---
MW-14	01/10/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	<10	<2	<2	<2
MW-14	04/13/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	3	<10	<2	<2	<2
MW-14	07/11/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.48 J	11	<2	<2	<2
MW-14	10/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	2.1	2.7	<10	0.83 J	<2	<2
MW-14	01/09/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	3.3	3.6	<10	0.83 J	<2	<2
MW-14	04/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	6.6	0.78	<10	1.2 J	<2	<2
MW-14	07/09/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4	0.72	<10	1.1 J	<2	<2
MW-14	10/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	7	1.9	<10	1.3 J	<2	<2
MW-14	01/14/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	10	0.93	<10	1.7 J	<2	<2
MW-14	04/10/13	---	---	120 b	---	---	<0.50	<0.50	<0.50	<0.50	12	1.4	<10	2.4	<2	<2
MW-14	04/29/15	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	5.4	<2	<10	<2	<2	<2
MW-14	10/23/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	7.5	<2	<10	<2	<2	<2
MW-14	10/04/16	<100	---	<100	---	---	1.3	<0.50	<0.50	<1	6.3	<1	<10	<2	<2	<2
MW-14	04/19/17	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-15	11/26/96	---	---	---	---	---	1.4	0.66	1	0.62	<0.50	27	---	---	---	---
MW-15	07/14/97	1000	---	3500	---	---	1.5	1.1	<0.50	<1	<0.50	<5	---	---	---	---
MW-15	01/07/98	<500	---	1500	---	---	0.62	0.73	<0.50	<1.5	<0.50	<5	---	---	---	---
MW-15	05/22/98	<300	---	---	---	---	<0.50	<0.50	<0.50	0.7	<1	<0.50	---	---	---	---
MW-15	11/13/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	05/07/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
MW-15	11/17/99	<300	910	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	05/16/00	340	1200	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	11/30/00	2100	1700	---	---	---	<0.50	0.8	<0.50	1.1	<0.50	<0.50	---	---	---	---
MW-15	05/09/01	<300	690	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	11/06/01	<300	740	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.6	---	---	---	---
MW-15	04/10/02	59000	21000	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	07/30/02	780	550000	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	12/08/06	420	6400	---	---	---	<0.50	<0.50	<0.50	1	<0.50	0.6	---	---	---	---
MW-15	05/04/07	<500	6100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
MW-15	10/05/10	1100	<47000	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	04/14/11	1900	220000	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	10/12/11	590	66000	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	04/27/12	1100	---	40000	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	10/19/12	940	---	34000	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	04/12/13	890	---	240000	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	10/11/13	2000	---	140000	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	10/31/14	590	---	8300	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
MW-15R	04/19/17	<100	---	210	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15	<1	<1	<1
MW-15R	10/05/17	<50	---	79	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	<10	<1	<1	<1
MW-15R	04/19/18	66	---	60	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<1	<1	<1
MW-16	11/27/96	50	---	<500	<500	---	<0.50	<0.50	<0.50	1.5	140	71	---	---	---	---
MW-16	07/10/97	<50	---	<50	<50	---	<5	<5	<5	<5	<5	<5	---	---	---	---
MW-16	01/06/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-16	05/21/98	<300	---	---	---	---	<0.50	0.7	<0.50	0.6	<0.50	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME	
MW-16	11/05/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
MW-16	05/27/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
MW-16	11/18/99	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
MW-16	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
MW-16	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
MW-16	05/09/01	<300	3100	---	---	---	2.6	<0.50	<0.50	0.6	<0.50	<0.50	---	---	---	---	
MW-16	11/07/01	<300	2100	---	---	---	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	31	---	---	---	
MW-16	02/01/02	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	220	---	---	---	
MW-16	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	260	---	---	---	
MW-16	10/23/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<0.50	14	---	---	---	
MW-16	01/29/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6.8	---	---	---	
MW-16	04/09/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	16.2	---	---	---	---	
MW-16	08/01/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	110	---	---	---	
MW-16	10/11/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	100	---	---	---	
MW-16	01/28/04	51	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	89	---	---	---	
MW-16	04/21/04	---	180	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	83	110	<2	<2	<2
MW-16	07/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	22	---	---	---	
MW-16	11/04/04	---	300	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	120	<2	<2	<2
MW-16	02/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
MW-16	05/06/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
MW-16	08/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
MW-16	11/08/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
MW-16	05/04/06	---	180	---	---	---	0.87	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	09/19/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
MW-16	12/08/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
MW-16	05/03/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
MW-16	11/16/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
MW-16	04/17/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
MW-16	10/16/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
MW-16	04/23/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
MW-16	10/23/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
MW-16	04/16/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
MW-16	10/07/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---	
MW-16	04/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
MW-16	10/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
MW-16	04/17/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
MW-16	10/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
MW-16	04/09/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
MW-16	10/27/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2	
MW-16	04/24/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2	
MW-16	10/20/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2	
MW-16	04/12/16	<100	---	<100	---	---	1.3	<0.50	2.5	8.1	0.51	<1	<10	<2	<2	<2	
MW-16	10/07/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
MW-16	04/18/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
MW-16	10/04/17	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
MW-16	04/18/18	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
MW-17	11/27/96	45	---	<500	<500	---	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---	---	
MW-17	07/09/97	<50	---	<50	<50	---	<5	<5	<5	<5	<5	<5	---	---	---	---	
MW-17	01/06/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---	
MW-17	05/20/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---	
MW-17	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
MW-17	05/26/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
MW-17	11/18/99	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	0.5	---	---	---	---	
MW-17	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
MW-17	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
MW-17	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-17	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	10/23/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
MW-17	04/10/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	10/08/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	04/21/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	11/03/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	05/05/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	11/05/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	05/03/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	12/05/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	05/02/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/16/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/15/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/20/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/23/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/16/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/06/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
MW-17	04/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/13/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/17/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/09/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/08/13	<100	---	110 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/16/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/27/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-17	04/24/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-17	10/20/15	130	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-17	04/13/16	<100	---	<100	---	---	<0.50	<0.50	0.67	2.4	<0.50	<1	<10	<2	<2	<2
MW-17	10/04/16	<100	---	<100	---	---	<0.50	<0.50	0.5	<1	<0.50	<1	<10	<2	<2	<2
MW-17	04/18/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-17	10/03/17	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-17	04/17/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-18 (MID)	07/16/97	<100	---	<500	---	---	---	---	---	---	---	---	---	---	---	---
MW-18 (MID)	01/05/98	420	---	<500	---	---	---	---	---	---	---	---	---	---	---	---
MW-18 (MID)	10/08/03	530	240	---	---	---	1.2	<1	<1	<1	16	640	---	---	---	---
MW-18 (MID)	10/07/10	1100	<1000	---	---	---	290	<1.5	<1.5	<1.5	<3	12	150	11	<3	<3
MW-18 (MID)	04/13/11	4100	910	---	---	---	1900	<10	<10	11	<20	13	<200	21	<20	<20
MW-18 (MID)	10/12/11	1200	720	---	---	---	460	<2.5	<2.5	3.2	<5	4.6	82	9.3	<5	<5
MW-18 (MID)	04/20/12	<200	---	330	---	---	<1	<1	<1	<1	<2	2.4	21	4.2	<2	<2
MW-18 (MID)	10/18/12	96	---	170	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	49	3.6	<1	<1
MW-18 (MID)	10/31/14	<200	---	130	---	---	<1	<1	<1	<1	<2	<1	87	5.1	<2	<2
MW-18 (MID)	04/22/15	<50	---	140	---	---	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	59	3.7	<1	<1
MW-18 (MID)	10/27/15	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<10	3.1	<1	<1
MW-18 (MID)	03/15/16	390	---	390	---	---	120	1.3	<0.50	0.91	<0.50	5	28	5.9	<1	<1
MW-18 (MID)	04/13/16	390	---	440	---	---	65	1.4	<0.50	2	<1	4.7	74	1.5	<1	<1
MW-18 (MID)	08/23/16	150	---	330	---	---	12	0.28	0.17	1.7	0.23	7.7	46	4.4	<1	0.2
MW-18 (MID)	10/06/16	200	---	490	---	---	6.1	<0.50	<0.50	1.5	<1	2.7	55	1.3	<1	<1
MW-18 (MID)	04/20/17	<100	---	200	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.3	32	1.6	<1	<1
MW-18 (MID)	10/05/17	<50	---	120	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.94	13	1.7	<1	<1
MW-18 (MID)	04/19/18	<50	---	98	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	1.3	<1	<1
MW-19 (MID)	11/26/96	---	---	---	---	---	48	<0.50	17	1.76	7.7	600	---	---	---	---
MW-19 (MID)	07/16/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	9.1	810	---	---	---	---
MW-19 (MID)	01/05/98	<100	---	<500	---	---	<5	<50	<5	<15	<5	1400	---	---	---	---
MW-19 (MID)	05/27/98	500	---	---	---	---	<5	<0.50	<5	<10	14	590	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-19 (MID)	08/26/98	514	233	---	---	---	<2.5	<2.5	<2.5	<2.5	11.1	779	---	---	---	---
MW-19 (MID)	11/17/98	491	<100	---	---	---	<5	<5	<5	<5	11	850	---	---	---	---
MW-19 (MID)	02/03/99	<10000	---	<500	---	---	<10	<10	<10	<20	1300	---	---	---	---	---
MW-19 (MID)	05/06/99	540	---	<500	---	---	42	<1	<1	<1	<2.5	1500	---	---	---	---
MW-19 (MID)	08/10/99	600	---	<1000	---	---	<0.50	<1	<1	<1	6.8	980	---	---	---	---
MW-19 (MID)	11/17/99	1100	310	---	---	---	26	<5	<5	<5	<5	1100	---	---	---	---
MW-19 (MID)	02/29/00	2000	1800	---	---	---	530	<5	<5	<5	<5	1100	---	---	---	---
MW-19 (MID)	05/17/00	5200	5100	---	---	---	1900	<25	<25	<25	<25	2600	---	---	---	---
MW-19 (MID)	08/29/00	2700	19000	---	---	---	560	<10	<10	<10	<10	3200	---	---	---	---
MW-19 (MID)	11/30/00	2100	1200	---	---	---	520	3.6	0.9	6.1	<0.50	1200	---	---	---	---
MW-19 (MID)	02/06/01	780	410	---	---	---	66	<10	<10	<10	<10	720	---	---	---	---
MW-19 (MID)	05/09/01	360	230	---	---	---	4.4	<2.5	<2.5	<2.5	6.5	490	---	---	---	---
MW-19 (MID)	09/19/01	<300	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	8.2	200	---	---	---	---
MW-19 (MID)	11/06/01	<300	120	---	---	---	<1	<1	<1	<1	6.5	180	---	---	---	---
MW-19 (MID)	01/30/02	<300	150	---	---	---	<0.50	<0.50	<0.50	<0.50	5.1	33	---	---	---	---
MW-19 (MID)	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.3	11	---	---	---	---
MW-19 (MID)	10/23/02	<300	330	---	---	---	1.1	<0.50	<0.50	<0.50	3.5	7.4	---	---	---	---
MW-19 (MID)	04/10/03	92	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	4.3	---	---	---	---
MW-19 (MID)	10/07/03	84	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.3	1	---	---	---	---
MW-19 (MID)	04/21/04	99	150	---	---	---	<0.50	<0.50	<0.50	<0.50	2.6	<0.50	---	---	---	---
MW-19 (MID)	11/03/04	<100	200	---	---	---	<0.50	<0.50	<0.50	<0.50	2	0.81	---	---	---	---
MW-19 (MID)	05/06/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-19 (MID)	11/03/05	68	140	---	---	---	<0.50	<0.50	<0.50	<0.50	4.2	1.2	---	---	---	---
MW-19 (MID)	05/03/06	76	110	---	---	---	<0.50	<0.50	<0.50	<0.50	13	2.2	---	---	---	---
MW-19 (MID)	12/06/06	<50	260	---	---	---	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	---	---	---	---
MW-19 (MID)	05/02/07	61	200	---	---	---	<0.50	<0.50	<0.50	<0.50	2.2	1.1	---	---	---	---
MW-19 (MID)	11/13/07	57	130	---	---	---	<0.50	<0.50	<0.50	<0.50	2.9	0.86	---	---	---	---
MW-19 (MID)	04/17/08	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	3	1.2	---	---	---	---
MW-19 (MID)	10/17/08	<50	190	---	---	---	<0.50	<0.50	<0.50	<0.50	3.2	1.3	---	---	---	---
MW-19 (MID)	04/20/09	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	3.8	0.81	66	9.8	<1	<1
MW-19 (MID)	10/21/09	<50	140	---	---	---	<0.50	<0.50	<0.50	<0.50	5	0.79	130	16	<1	<1
MW-19 (MID)	05/26/10	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	3.1	<0.50	<10	12	<1	<1
MW-19 (MID)	10/06/10	62	140	---	---	---	<0.50	<0.50	<0.50	<0.50	3.5	0.91	130	19	<1	<1
MW-19 (MID)	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.2	0.81	67	14	<1	<1
MW-19 (MID)	10/11/11	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	3.2	0.67	110	11	<1	<1
MW-19 (MID)	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	4.7	1	290	22	<1	<1
MW-19 (MID)	10/17/12	<50	---	77	---	---	<0.50	<0.50	<0.50	<0.50	5.3	1.1	360	28	<1	<1
MW-19 (MID)	04/11/13	55	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	9.2	2	330	31	<1	<1
MW-19 (MID)	10/10/13	54	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7.4	2	350	25	<1	<1
MW-19 (MID)	04/17/14	74	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	9.1	2	440	25	<1	<1
MW-19 (MID)	10/30/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	3.5	0.74	87	9.2	<1	<1
MW-19 (MID)	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	3.7	1.1	130	13	<1	<1
MW-19 (MID)	10/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.9	<0.50	36	6.2	<1	<1
MW-19 (MID)	04/13/16	<50	---	54	---	---	<0.50	<0.50	<0.50	<0.50	4.8	1	420	23	<1	<1
MW-19 (MID)	10/05/16	54	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	3.8	0.68	220	19	<1	<1
MW-19 (MID)	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.1	<0.50	88	11	<1	<1
MW-19 (MID)	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.5	<0.50	22	4.2	<1	<1
MW-19 (MID)	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2	<0.50	31	5.6	<1	<1
MW-20 (MID)	11/22/96	---	---	---	---	---	<0.50	<0.50	<0.50	1.5	66	36	---	---	---	---
MW-20 (MID)	07/11/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	33	13	---	---	---	---
MW-20 (MID)	01/05/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	17	9.2	---	---	---	---
MW-20 (MID)	05/27/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	35	22	---	---	---	---
MW-20 (MID)	11/16/98	<300	<100	---	---	---	14	41	4.8	29.8	31	33	---	---	---	---
MW-20 (MID)	05/07/99	<500	---	<500	---	---	5.6	22	1.7	9.8	22	13	---	---	---	---
MW-20 (MID)	11/16/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	21	19	---	---	---	---
MW-20 (MID)	05/19/00	<300	220	---	---	---	<0.50	<0.50	<0.50	<0.50	22	11	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-20 (MID)	11/28/00	<300	340	---	---	---	<0.50	<0.50	<0.50	<0.50	17	8.1	---	---	---	---
MW-20 (MID)	05/09/01	<300	180	---	---	---	<50	<50	<50	<50	2200	1300	---	---	---	---
MW-20 (MID)	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	11	---	---	---	---
MW-20 (MID)	11/07/01	<300	170	---	---	---	<0.50	<0.50	<0.50	<0.50	23	14	---	---	---	---
MW-20 (MID)	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	12	---	---	---	---
MW-20 (MID)	10/24/02	<300	220	---	---	---	<0.50	<0.50	<0.50	<0.50	20	20	---	---	---	---
MW-20 (MID)	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	11	---	---	---	---
MW-20 (MID)	10/08/03	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	29	19	---	---	---	---
MW-20 (MID)	04/21/04	56	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	27	18	---	---	---	---
MW-20 (MID)	11/05/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	15	---	---	---	---
MW-20 (MID)	05/05/05	97	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	33	57	---	---	---	---
MW-20 (MID)	11/03/05	58	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	25	46	---	---	---	---
MW-20 (MID)	05/03/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	21	32	---	---	---	---
MW-20 (MID)	12/07/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	21	25	---	---	---	---
MW-20 (MID)	05/05/07	59	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	20	25	---	---	---	---
MW-20 (MID)	11/14/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	20	23	---	---	---	---
MW-20 (MID)	04/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	15	21	---	---	---	---
MW-20 (MID)	10/17/08	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	18	---	---	---	---
MW-20 (MID)	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	16	28	11	<1	<1
MW-20 (MID)	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	18	32	14	<1	<1
MW-20 (MID)	05/27/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	18	16	<10	12	<1	<1
MW-20 (MID)	10/06/10	51	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	15	19	40	13	<1	<1
MW-20 (MID)	04/12/11	51	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	18	<10	17	<1	<1
MW-20 (MID)	10/11/11	<50	170	---	---	---	<0.50	<0.50	<0.50	<0.50	13	17	38	11	<1	<1
MW-20 (MID)	04/19/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	15	12	26	9.9	<1	<1
MW-20 (MID)	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	6.8	7.6	12	6.8	<1	<1
MW-20 (MID)	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	14	9.8	<10	6.7	<1	<1
MW-20 (MID)	10/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	16	14	29	11	<1	<1
MW-20 (MID)	04/16/14	55	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	13	9.6	22	7.4	<1	<1
MW-20 (MID)	10/30/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	10	8.7	18	6.6	<1	<1
MW-20 (MID)	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	6.2	1.1	19	8.2	<1	<1
MW-20 (MID)	10/23/15	<50	---	91	---	---	<0.50	0.5	<0.50	0.7	0.65	4.7	<10	3.2	<1	<1
MW-20 (MID)	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	10	8.9	25	6.3	<1	<1
MW-20 (MID)	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	13	7.1	22	7.2	<1	<1
MW-20 (MID)	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	9	8.1	21	6	<1	<1
MW-20 (MID)	10/03/17	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	8.6	6.8	16	5.1	<1	<1
MW-20 (MID)	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7.9	6.1	<10	4.9	<1	<1
MW-21 (MID)	05/07/99	<500	---	590	---	---	<1	<1	<1	<1	75	39	---	---	---	---
MW-21 (MID)	11/29/00	<300	4600	---	---	---	3.6	<0.50	<0.50	<0.50	16	62	---	---	---	---
MW-21 (MID)	05/09/01	<300	1900	---	---	---	<0.50	<0.50	<0.50	<0.50	9.8	50	---	---	---	---
MW-21 (MID)	11/06/01	<300	1400	---	---	---	0.5	<0.50	<0.50	<0.50	12	69	---	---	---	---
MW-21 (MID)	04/10/02	<300	1100	---	---	---	<0.50	<0.50	<0.50	<0.50	8.6	71	---	---	---	---
MW-21 (MID)	10/23/02	<300	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	7.4	61	---	---	---	---
MW-21 (MID)	10/07/03	87	290	---	---	---	<0.50	<0.50	<0.50	<0.50	5.6	55	---	---	---	---
MW-21 (MID)	05/06/05	62	100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	25	---	---	---	---
MW-21 (MID)	05/03/06	<50	<140	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	13	---	---	---	---
MW-21 (MID)	05/02/07	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	0.73	3.3	---	---	---	---
MW-21 (MID)	04/17/08	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.88	6.4	---	---	---	---
MW-21 (MID)	04/20/09	<100	530	---	---	---	<0.50	<0.50	<0.50	<0.50	2.3	1.9	25	2.3	<1	<1
MW-21 (MID)	05/26/10	<100	420	---	---	---	<0.50	<0.50	<0.50	<0.50	2.9	1.5	<10	3.2	<1	<1
MW-21 (MID)	04/12/11	72	350	---	---	---	<0.50	<0.50	<0.50	<0.50	3.8	2.4	32	3	<1	<1
MW-21 (MID)	04/18/12	<100	---	140	---	---	<0.50	<0.50	<0.50	<0.50	2.2	<0.50	17	<1	<1	<1
MW-21 (MID)	04/10/13	<200	---	61	---	---	<1	<1	<1	<1	2.4	<1	22	3.3	<2	<2
MW-21 (MID)	10/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.8	0.81	35	3	<1	<1
MW-21 (MID)	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	4.2	0.51	<10	<1	<1	<1
MW-21 (MID)	10/30/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	3.6	0.69	<10	<1	<1	<1

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-21 (MID)	04/22/15	<50	---	56	---	---	<0.50	<0.50	<0.50	<0.50	3.4	0.68	<10	<1	<1	<1
MW-21 (MID)	10/23/15	57	---	120	---	---	<0.50	<0.50	<0.50	<0.50	3.4	1.1	<10	<1	<1	<1
MW-21 (MID)	04/13/16	<50	---	87	---	---	<0.50	<0.50	<0.50	<0.50	3.5	0.79	<10	<1	<1	<1
MW-21 (MID)	10/05/16	57	---	82	---	---	<0.50	<0.50	<0.50	<0.50	3.2	1.2	<10	<1	<1	<1
MW-21 (MID)	04/19/17	<100	---	120	---	---	<0.50	<0.50	<0.50	<0.50	2.2	1	12	<1	<1	<1
MW-21 (MID)	10/03/17	<50	---	67	---	---	<0.50	<0.50	<0.50	<0.50	3.1	1.4	10	<1	<1	<1
MW-21 (MID)	04/18/18	68	---	110	---	---	<0.50	<0.50	<0.50	<0.50	2.4	1.3	<10	<1	<1	<1
MW-22 (MID)	11/21/96	46	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	4.7	<5	---	---	---	---
MW-22 (MID)	07/10/97	<50	---	650	<400	---	<5	<5	<5	<5	15	<5	---	---	---	---
MW-22 (MID)	01/06/98	---	---	400	<100	---	<5	<5	<5	<1	<5	<5	---	---	---	---
MW-22 (MID)	05/21/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	0.9	<0.50	---	---	---	---
MW-22 (MID)	08/26/98	<300	545	---	---	---	<0.50	<0.50	<0.50	<0.50	2.1	<0.50	---	---	---	---
MW-22 (MID)	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	<0.50	---	---	---	---
MW-22 (MID)	02/02/99	<500	---	<500	---	---	1.1	2.1	0.56	2.1	3.2	0.69	---	---	---	---
MW-22 (MID)	05/07/99	---	---	<500	---	---	8	3.4	1.7	7.5	<1	6.9	---	---	---	---
MW-22 (MID)	05/26/99	<300	322	---	---	---	<0.50	<0.50	<0.50	<0.50	3.7	4.7	---	---	---	---
MW-22 (MID)	08/10/99	<500	---	<1000	---	---	3.1	6.2	<1	4.9	8.9	<1	---	---	---	---
MW-22 (MID)	11/18/99	<300	260	---	---	---	<0.50	<1	<0.50	<0.50	19	0.8	---	---	---	---
MW-22 (MID)	02/29/00	<300	470	---	---	---	<0.50	<0.50	<0.50	<0.50	29	3.3	---	---	---	---
MW-22 (MID)	05/16/00	<300	380	---	---	---	<0.50	<0.50	<0.50	<0.50	16	2.4	---	---	---	---
MW-22 (MID)	08/29/00	<300	4400	---	---	---	<0.50	<0.50	<0.50	<0.50	45	14	---	---	---	---
MW-22 (MID)	11/28/00	<300	1100	---	---	---	<0.50	<0.50	<0.50	<0.50	88	13	---	---	---	---
MW-22 (MID)	11/29/00	<300	870	---	---	---	<0.50	<0.50	<0.50	<0.50	88	13	---	---	---	---
MW-22 (MID)	02/06/01	<300	460	---	---	---	<1	<1	<1	<1	120	14	---	---	---	---
MW-22 (MID)	05/09/01	<300	360	---	---	---	<0.50	<0.50	<0.50	<0.50	110	12	---	---	---	---
MW-22 (MID)	05/09/01	<300	230	---	---	---	<0.50	<0.50	<0.50	<0.50	83	11	---	---	---	---
MW-22 (MID)	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	30	4.5	---	---	---	---
MW-22 (MID)	11/07/01	<300	130	---	---	---	<0.50	<0.50	<0.50	<0.50	36	6.5	---	---	---	---
MW-22 (MID)	01/30/02	<300	430	---	---	---	<0.50	<0.50	<0.50	<0.50	30	19	---	---	---	---
MW-22 (MID)	04/12/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	22	11	---	---	---	---
MW-22 (MID)	07/30/02	<300	210	---	---	---	<0.50	<0.50	<0.50	<0.50	24	8.7	---	---	---	---
MW-22 (MID)	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	18	5.4	---	---	---	---
MW-22 (MID)	01/28/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	18	4.8	---	---	---	---
MW-22 (MID)	04/11/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	9.12	2.38	---	---	---	---
MW-22 (MID)	10/11/03	---	380	---	---	---	<0.50	<0.50	<0.50	<0.50	12	2.8	---	---	---	---
MW-22 (MID)	04/22/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	19	4.8	21	3.2	<2	<2
MW-22 (MID)	07/21/04	180	280	---	---	---	<0.50	<0.50	<0.50	<0.50	---	11	---	---	---	---
MW-22 (MID)	11/04/04	---	240	---	---	---	<0.50	<0.50	<0.50	<0.50	31	11	17	2.8	<2	<2
MW-22 (MID)	03/02/05	---	180	---	---	---	<0.50	<1	<1	<1	---	15	---	---	---	---
MW-22 (MID)	05/07/05	---	290	---	---	---	<0.50	<0.50	<0.50	<0.50	1.8	30	<10	<2	<2	<2
MW-22 (MID)	11/08/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.1	30	13	<2	<2	<2
MW-22 (MID)	05/05/06	---	500	---	---	---	<0.50	<0.50	<0.50	<0.50	6.1	14	<10	<2	<2	<2
MW-22 (MID)	12/05/06	---	130	---	---	---	<0.50	<0.50	<0.50	<0.50	5.3	16	13	<2	<2	<2
MW-22 (MID)	05/02/07	---	200	---	---	---	<0.50	<0.50	<0.50	<0.50	4.4	14	17	<2	<2	<2
MW-22 (MID)	11/14/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	10	15	19	2.1	<2	<2
MW-22 (MID)	04/17/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	8.3	11	18	<2	<2	<2
MW-22 (MID)	10/16/08	---	---	---	---	110	<0.50	<0.50	<0.50	<0.50	9.7	16	16	2.1	<2	<2
MW-22 (MID)	02/12/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	15	18	22	3.1	<2	<2
MW-22 (MID)	04/22/09	---	---	---	---	110	<0.50	<0.50	<0.50	<0.50	11	23	22	<2	<2	<2
MW-22 (MID)	07/20/09	---	---	---	---	150	<0.50	<0.50	<0.50	<0.50	11	19	34	2.9	<2	<2
MW-22 (MID)	10/23/09	---	---	---	---	130	<0.50	<0.50	<0.50	<0.50	13	16	27	<2	<2	<2
MW-22 (MID)	01/13/10	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	9.7	13	24	2.1	<2	<2
MW-22 (MID)	04/13/10	---	---	---	---	220	<0.50	<0.50	<0.50	<0.50	11	8.7	23	1.8 J	<2	<2
MW-22 (MID)	10/04/10	---	---	---	---	140	<0.50	---	---	---	10	13	<10	---	---	---
MW-22 (MID)	01/10/11	---	---	---	---	120	<0.50	<0.50	<0.50	<0.50	4.8	6.2	10	0.82 J	<2	<2
MW-22 (MID)	04/14/11	---	---	---	---	120	<0.50	<0.50	<0.50	<0.50	6.5	10	<10	0.76 J	<2	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-22 (MID)	07/11/11	---	---	---	---	100	<0.50	<0.50	<0.50	<0.50	5.5	7.8	13	0.48 J	<2	<2
MW-22 (MID)	10/13/11	---	---	---	---	120	0.39 J	0.38 J	<0.50	<0.50	4.6	6.3	7.2 J	0.37 J	<2	<2
MW-22 (MID)	01/09/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4.4	6.6	12	0.45 J	<2	<2
MW-22 (MID)	04/18/12	---	---	---	---	120	<0.50	<0.50	<0.50	<0.50	7.1	10	21	0.69 J	<2	<2
MW-22 (MID)	07/09/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4.4	5.8	<10	0.43 J	<2	<2
MW-22 (MID)	10/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	6.4	12	<10	0.85 J	<2	<2
MW-22 (MID)	01/14/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	4.4	5.3	<10	0.42 J	<2	<2
MW-22 (MID)	04/10/13	---	---	250 b	---	---	<0.50	<0.50	<0.50	<0.50	7	11	14	1.1 J	<2	<2
MW-22 (MID)	10/07/13	<100	---	240 b	---	---	<0.50	<0.50	<0.50	<0.50	3.7	4.6	<10	<2	<2	<2
MW-22 (MID)	04/16/14	<100	---	100 b	---	---	<0.50	<0.50	<0.50	<0.50	5	6.8	<10	0.64 J	<2	<2
MW-22 (MID)	10/28/14	<100	---	210	---	---	<0.50	<0.50	<0.50	<1	8.8	9.1	<10	<2	<2	<2
MW-22 (MID)	04/24/15	<100	---	240	---	---	<0.50	<0.50	<0.50	<1	10	8.9	19	2.6	<2	<2
MW-22 (MID)	10/23/15	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	8.7	6.5	18	2.7	<2	<2
MW-22 (MID)	04/13/16	<100	---	170	---	---	<0.50	<0.50	0.87	2.7	6.8	5	<10	<2	<2	<2
MW-22 (MID)	10/05/16	<100	---	170	---	---	1.5	<0.50	<0.50	<1	7.1	4.4	<10	<2	<2	<2
MW-22 (MID)	04/19/17	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	2.9	2.1	<10	<2	<2	<2
MW-22 (MID)	10/05/17	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-22 (MID)	04/19/18	<100	---	340	---	---	<0.50	<0.50	<0.50	<1	4.9	4.8 J	20 J	<2	<2	<2
MW-23 (MID)	11/21/96	1400	---	<500	<500	---	62	<0.50	18	3.5	0.6	---	---	---	---	---
MW-23 (MID)	07/09/97	---	---	---	---	---	160	<1	21	26	---	---	---	---	---	---
MW-23 (MID)	07/09/97	140	---	970	<860	---	---	---	---	---	---	---	---	---	---	---
MW-23 (MID)	01/06/98	---	---	<100	<100	---	<0.30	---	<0.30	---	---	---	---	---	---	---
MW-23 (MID)	05/20/98	<300	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-23 (MID)	11/04/98	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-23 (MID)	05/27/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-23 (MID)	11/18/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-23 (MID)	05/16/00	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-23 (MID)	11/29/00	<300	2200	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-23 (MID)	05/10/01	<300	1600	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-23 (MID)	11/07/01	<300	600	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-23 (MID)	04/10/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-23 (MID)	10/23/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
MW-23 (MID)	04/10/03	---	<100	---	---	---	<1	<1	<1	<2	<3	<3	---	---	---	---
MW-23 (MID)	10/08/03	---	160	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
MW-23 (MID)	04/22/04	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
MW-23 (MID)	11/04/04	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
MW-23 (MID)	05/10/05	---	650	---	---	---	0.4	0.79	0.41	<0.30	---	<5	---	---	---	---
MW-23 (MID)	05/03/06	---	6000	---	---	---	<0.30	<0.30	<0.30	0.32	---	<5	---	---	---	---
MW-23 (MID)	12/06/06	---	240	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
MW-23 (MID)	05/02/07	---	340	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
MW-23 (MID)	11/14/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
MW-23 (MID)	04/16/08	---	120	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
MW-23 (MID)	10/15/08	---	---	---	---	150	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-23 (MID)	04/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
MW-23 (MID)	10/23/09	---	---	---	---	150	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-23 (MID)	04/13/10	---	---	---	---	1000	<0.50	<0.50	<0.50	<0.50	---	<0.50	4.8 J	<2	<2	<2
MW-23 (MID)	10/04/10	---	---	---	---	1400	<0.50	---	---	---	<0.50	0.73	<10	---	---	---
MW-23 (MID)	04/14/11	---	---	---	---	1800	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	<10	<2	<2	<2
MW-23 (MID)	10/13/11	---	---	---	---	1900	<0.50	<0.50	<0.50	<0.50	<0.50	10	14	<2	<2	<2
MW-23 (MID)	04/19/12	---	---	---	---	1400	<0.50	<0.50	<0.50	0.32 J	<0.50	9.9	19	<2	<2	<2
MW-23 (MID)	10/19/12	---	---	---	---	3600	<0.50	<0.50	<0.50	0.25 J	<0.50	4.3	<10	<2	<2	<2
MW-23 (MID)	04/11/13	---	---	4800	---	---	<0.50	<0.50	<0.50	0.85 J	<0.50	2.9	13	<2	<2	<2
MW-24	11/21/96	92	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	---	---	---	---	---
MW-24	07/09/97	100	---	1400	<1000	---	11	<5	<5	<5	<5	<5	---	---	---	---
MW-24	01/06/98	700	---	<100	<100	---	93	<0.50	4	<1	<0.50	<0.50	---	---	---	---
MW-24	05/20/98	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Results reported in micrograms per liter (µg/L)									
							Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-24	11/04/98	<300	129	---	---	---	11	2.7	2.1	18	<0.50	<0.50	---	---	---	---
MW-24	05/26/99	<300	142	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	11/18/99	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	05/16/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	10/23/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
MW-24	04/11/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	10/08/03	---	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	04/22/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	11/04/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	05/07/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	11/08/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	05/03/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	12/06/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	05/03/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	11/14/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	04/17/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	10/16/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	04/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	10/23/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	04/13/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	10/04/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	0.51	<10	---	---	---
MW-24	04/13/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	10/13/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	04/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	6.3 J	<2	<2	<2
MW-24	10/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	<10	<2	<2	<2
MW-24	04/09/13	---	---	150 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.87	<10	<2	<2	<2
MW-24	10/08/13	<100	---	230 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	<10	<2	<2	<2
MW-24	04/16/14	<100	---	110 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.87	<10	<2	<2	<2
MW-24	10/28/14	<100	---	240	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-24	04/24/15	<100	---	200	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-24	10/22/15	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-24	04/13/16	<100	---	<100	---	---	<0.50	<0.50	1.2	3.9	<0.50	<1	<10	<2	<2	<2
MW-24	04/18/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-24	10/02/17	<100	---	210	---	---	1	<0.50	4.7	1.7	<0.50	<1	<10	<2	<2	<2
MW-24	10/25/17	---	---	410	---	---	<0.50	<0.50	<0.50	<1	<0.50	1	<10	<2	<2	<2
MW-24	04/19/18	<100	---	150	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.2	<10	<2	<2	<2
MW-25	11/21/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	17	<5	---	---	---	---
MW-25	07/09/97	<50	---	660	<400	---	<5	<5	<5	<5	17	<5	---	---	---	---
MW-25	01/06/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	15	<0.50	---	---	---	---
MW-25	05/21/98	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	8.6	<0.50	---	---	---	---
MW-25	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	11	<0.50	---	---	---	---
MW-25	05/06/99	<500	---	<500	---	---	1.9	1.2	0.68	3.3	14	1.3	---	---	---	---
MW-25	05/26/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	10	<0.50	---	---	---	---
MW-25	11/18/99	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	27	0.7	---	---	---	---
MW-25	05/16/00	<300	320	---	---	---	<0.50	<0.50	<0.50	<0.50	50	4.7	---	---	---	---
MW-25	11/28/00	<300	320	---	---	---	<0.50	<0.50	<0.50	<0.50	62	11	---	---	---	---
MW-25	11/29/00	<300	<100	---	---	---	<0.50	<1	0.6	0.8	73	14	---	---	---	---
MW-25	05/09/01	<300	240	---	---	---	<0.50	<0.50	<0.50	<0.50	45	7.1	---	---	---	---
MW-25	05/09/01	<300	150	---	---	---	<0.50	<0.50	<0.50	<0.50	36	6.2	---	---	---	---
MW-25	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	39	9.3	---	---	---	---
MW-25	04/12/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	9.4	---	---	---	---
MW-25	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	15	5.1	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-25	04/11/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	30.6	8.61	---	---	---	---
MW-25	10/11/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	13	3.4	---	---	---	---
MW-25	04/22/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	13	3.5	<10	2.4	<2	<2
MW-25	11/04/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	3.4	<10	2.9	<2	<2
MW-25	05/07/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	5	<10	<2	<2	<2
MW-25	11/08/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.95	1.9	<10	<2	<2	<2
MW-25	05/05/06	---	390	---	---	---	<0.50	<0.50	<0.50	<0.50	4.3	10	<10	<2	<2	<2
MW-25	12/05/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3	3.5	<10	<2	<2	<2
MW-25	05/03/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	2.3	<10	<2	<2	<2
MW-25	11/14/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	1.3	<10	<2	<2	<2
MW-25	04/17/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.5	4.3	<10	<2	<2	<2
MW-25	10/16/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	8.9	6.1	<10	2.3	<2	<2
MW-25	04/22/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	8.3	2.9	<10	<2	<2	<2
MW-25	10/23/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4.1	0.83	<10	<2	<2	<2
MW-25	04/13/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	10	2.7	<10	2.5	<2	<2
MW-25	10/04/10	---	---	---	---	<100	<0.50	---	---	---	2	0.35 J	<10	---	---	---
MW-25	04/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	7.1	1.4	<10	0.71 J	<2	<2
MW-25	10/13/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	1.4	0.31 J	<10	<2	<2	<2
MW-25	04/17/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<2	<2	<2
MW-25	10/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	3.4	0.67	<10	<2	<2	<2
MW-25	04/09/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	3.6	0.49 J	<10	<2	<2	<2
MW-26	11/21/96	6700	---	<500	<500	---	460	400	200	340	0.7	---	---	---	---	---
MW-26	07/10/97	<50	---	270	<200	---	<5	<5	<5	<5	<5	340	---	---	---	---
MW-26	01/06/98	<500	---	<100	<100	---	<2.5	<2.5	<2.5	<2.5	<2.5	407	---	---	---	---
MW-26	05/21/98	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-26	11/04/98	<300	<100	---	---	---	<0.50	1.3	<0.50	1.1	<0.50	146	---	---	---	---
MW-26	05/26/99	8260	8790	---	---	---	3000	170	400	1000	<0.50	380	---	---	---	---
MW-26	11/18/99	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	3.4	---	---	---	---
MW-26	05/16/00	8400	7000	---	---	---	2300	<5	410	1480	<5	76	---	---	---	---
MW-26	11/29/00	1800	1000	---	---	---	440	15	69	240	<10	69	---	---	---	---
MW-26	05/10/01	<300	<100	---	---	---	2.1	<0.50	<0.50	<0.50	<0.50	1.9	---	---	---	---
MW-26	11/07/01	1700	3700	---	---	---	370	79	37	171	<0.50	35	---	---	---	---
MW-26	04/11/02	4000	5300	---	---	---	1200	<5	230	528	<5	65	---	---	---	---
MW-26	10/24/02	2100	5800	---	---	---	970	<5	<5	262	<2.5	74	---	---	---	---
MW-26	04/11/03	---	1390	---	---	---	858	<0.50	243	78.6	<0.50	108	---	---	---	---
MW-26	10/11/03	---	900	---	---	---	4.6	<0.50	5.7	0.54	<0.50	29	---	---	---	---
MW-26	04/22/04	---	570	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	140	18	<2	<2	<2
MW-26	11/04/04	---	260	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	110	23	<2	<2	<2
MW-26	05/07/05	---	170	---	---	---	<0.50	<0.50	3.1	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	11/08/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	05/05/06	---	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	12/06/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	<10	<2	<2	<2
MW-26	05/03/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<2	<2	<2
MW-26	11/14/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.4	<10	<2	<2	<2
MW-26	04/17/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.99	<10	<2	<2	<2
MW-26	10/16/08	---	---	---	---	150	<0.50	<0.50	<0.50	<0.50	<0.50	5	<10	<2	<2	<2
MW-26	04/22/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	10/23/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<2	<2	<2
MW-26	04/13/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	<10	<2	<2	<2
MW-26	10/04/10	---	---	---	---	<100	1.6	---	---	---	<0.50	0.68	<10	---	---	---
MW-26	04/13/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	<10	<2	<2	<2
MW-26	10/13/11	---	---	---	---	<100	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	04/17/12	---	---	---	---	770	1.1	<0.50	0.32 J	0.57 J	<0.50	3.7	9.7 J	<2	<2	<2
MW-26	10/16/12	---	---	---	---	1400	3.9	0.5	2.2	0.69	<0.50	1.4	5.6 J	<2	<2	<2
MW-26	04/09/13	---	---	990 b	---	---	2	0.36 J	1.5	0.36 J	<0.50	0.74	<10	<2	<2	<2
MW-26	10/08/13	610	---	730 b	---	---	9.9	0.33 J	0.95	0.74	<0.50	0.97	5.9 J	<2	<2	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-26	04/16/14	1200 b	---	990 b	---	---	1.7	0.47 J	1.1	0.84	<0.50	<0.50	14	<2	<2	<2
MW-26	10/30/14	1400	---	670	---	---	<0.50	<0.50	0.54	<1	<0.50	<2	<10	<2	<2	<2
MW-26	04/29/15	430	---	500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-26	10/23/15	280	---	230	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-26	04/13/16	200	---	200	---	---	0.8	<0.50	1.6	4.9	<0.50	<1	<10	<2	<2	<2
MW-26	10/05/16	170	---	270	---	---	2.2	<0.50	<0.50	<1	<0.50	1	<10	<2	<2	<2
MW-26	04/19/17	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-26	10/04/17	210	---	370	---	---	1	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-26	04/19/18	130	---	340	---	---	2.3	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-27	11/22/96	<50	---	<500	<500	---	180	12	25	50	<0.50	---	---	---	---	---
MW-27	07/10/97	420	---	400	<400	---	1400	28	400	253	<5	79	---	---	---	---
MW-27	01/06/98	1500	---	<100	100	---	940	<5	70	20	20	90	---	---	---	---
MW-27	05/21/98	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-27	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-27	05/26/99	<300	<100	---	---	---	<0.50	<0.50	0.71	1.33	<0.50	1.1	---	---	---	---
MW-27	11/18/99	7200	6400	---	---	---	1700	8.6	100	1110	<0.50	170	---	---	---	---
MW-27	05/16/00	<300	<100	---	---	---	1.7	<0.50	<0.50	<0.50	<0.50	5	---	---	---	---
MW-27	11/29/00	<300	<100	---	---	---	0.9	0.7	0.7	1	0.6	17	---	---	---	---
MW-27	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-27	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-27	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	---	---	---	---
MW-27	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	9.7	---	---	---	---
MW-27	04/11/03	---	<100	---	---	---	<0.50	<0.50	2.76	<0.50	<0.50	16.7	---	---	---	---
MW-27	10/11/03	---	150	---	---	---	6.2	<0.50	0.79	<0.50	<0.50	8.9	---	---	---	---
MW-27	04/22/04	---	1600	---	---	---	130	<0.50	16	<0.50	<0.50	65	20	<2	<2	<2
MW-27	11/06/04	---	540	---	---	---	1.6	<0.50	17	<0.50	<0.50	65	21	<2	<2	<2
MW-27	05/07/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	11/08/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<2	<2	<2
MW-27	05/05/06	---	280	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<2	<2	<2
MW-27	12/06/06	---	180	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	<10	<2	<2	<2
MW-27	05/03/07	---	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<2	<2	<2
MW-27	11/14/07	---	<100	---	---	---	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	04/18/08	---	<100	---	---	---	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	10/17/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	04/22/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	10/26/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<10	<2	<2	<2
MW-27	04/13/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	7.5 J	<2	<2	<2
MW-27	10/04/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
MW-27	04/12/11	---	---	---	---	430	<0.50	<0.50	0.35 J	3.2	<0.50	<0.50	<10	<2	<2	<2
MW-27	10/13/11	---	---	---	---	180	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	04/17/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	10/16/12	---	---	---	---	170	<0.50	<0.50	<0.50	<0.50	<0.50	5	12	<2	<2	<2
MW-27	04/09/13	---	---	310 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.8	23	<2	<2	<2
MW-27	10/08/13	<100	---	130 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	5.7 J	<2	<2	<2
MW-27	10/29/14	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-27	04/22/15	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.4	<10	<2	<2	<2
MW-27	10/23/15	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.7	<10	<2	<2	<2
MW-27	04/13/16	<100	---	160	---	---	1.2	<0.50	1.7	5.5	<0.50	3.3	<10	<2	<2	<2
MW-27	10/05/16	<100	---	220	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.1	<10	<2	<2	<2
MW-27	04/19/17	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-27	10/04/17	<100	---	260	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.1	<10	<2	<2	<2
MW-27	04/19/18	<100	---	350	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.1	14	<2	<2	<2
MW-28	11/27/96	1500	---	<500	<500	---	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---	---
MW-28	07/10/97	220	---	2200	<1900	---	<5	<5	<5	<5	<5	---	---	---	---	---
MW-28	01/07/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-28	05/21/98	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-28	11/05/98	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-28	05/26/99	<300	<100	---	---	---	0.33	<0.30	<0.30	0.7	---	---	---	---	---	---
MW-28	11/18/99	<300	330	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-28	05/17/00	<300	250	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-28	12/01/00	<300	470	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-28	05/10/01	<300	3000	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-28	11/08/01	300	160	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-28	04/12/02	<300	170	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-28	04/22/15	<100	---	420	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-28	04/20/17	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	05/21/98	84700	---	---	---	---	313	45.7	314	366	---	---	---	---	---	---
MW-29	11/05/98	28600	19600	---	---	---	87	<0.30	2.2	31	---	---	---	---	---	---
MW-29	05/27/99	1810	2540	---	---	---	150	<0.60	160	23	---	---	---	---	---	---
MW-29	11/18/99	5100	17000	---	---	---	220	<0.30	190	21	---	---	---	---	---	---
MW-29	05/17/00	1100	3400	---	---	---	23	<0.30	35	7.6	---	---	---	---	---	---
MW-29	11/30/00	2400	14000	---	---	---	120	<0.30	160	4.4	---	<5	---	---	---	---
MW-29	05/09/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-29	11/07/01	1500	1500	---	---	---	14	<0.30	3.7	2.1	---	8.3	---	---	---	---
MW-29	02/01/02	---	---	---	---	---	100	7.3	160	990	<0.50	<0.50	---	---	---	---
MW-29	04/11/02	860	5600	---	---	---	4.1	<0.30	4.3	12	---	<5	---	---	---	---
MW-29	04/12/13	---	---	2200	---	---	<0.50	<0.50	2200	0.64	1.19 J	<0.50	<0.50	<10	<2	<2
MW-29	10/08/13	570	---	2900 b	---	---	0.21 J	<0.50	0.75	1.4	<0.50	<0.50	8.7 J	<2	<2	<2
MW-29	04/17/14	710 b	---	3300 b	---	---	11	<0.50	0.75	1.46	<0.50	<0.50	9.4 J	<2	<2	<2
MW-29	10/31/14	700	---	3200	---	---	6.4	<0.50	3200	<1	<0.50	<2	<10	<2	<2	<2
MW-29	04/29/15	370	---	2900	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	11	<2	<2	<2
MW-29	10/26/15	120	---	490	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-29	04/14/16	<100	---	350	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	10/07/16	<100	---	250	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	04/20/17	<100	---	380	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	10/04/17	<100	---	630	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	04/18/18	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-O-1	10/08/10	32000	<30000	---	---	---	3700	1700	1100	1800	<50	60	<500	<50	<50	<50
MW-O-1	04/13/11	14000	40000	---	---	---	1900	370	400	2400	<20	13	<200	<20	<20	<20
MW-O-1	10/14/11	15000	22000	---	---	---	580	240	580	1800	<20	<10	<200	<20	<20	26
MW-O-1	10/19/12	4500	---	8800	---	---	570	160	94	540	<4	17	59	<4	<4	<4
MW-O-1	10/27/15	26000	---	20000	---	---	5900	3100	110	810	<100	280	<1000	<100	<100	<100
MW-O-2	10/05/10	570	<540	---	---	---	87	5.6	7.2	33	<1	81	33	3.3	<1	<1
MW-O-2	04/27/12	21000	---	13000	---	---	7900	120	200	570	<100	160	<1000	<100	<100	<100
MW-O-2	06/06/13	10000	---	7000	---	---	5400	<40	91	200	<80	190	<800	<80	<80	<80
MW-O-2	10/11/13	43000	---	4800	---	---	17000	710	530	1500	<130	710	<1300	<130	<130	<130
MW-O-2	04/17/14	37000	---	1200	---	---	16000	1600	1200	1500	<100	900	2100	<100	<100	<100
MW-O-2	08/23/16	73000	---	81000	---	---	3400	510	410	9700	0.46	410	680	30	<80	16
MW-O-2	10/06/17	23000	---	11000	---	---	9400	<50	99	820	<100	210	1500	130	<100	<100
MW-SF-1	03/11/03	1700	1500	---	---	---	1400	16	76	54	<1	620	---	---	---	---
MW-SF-1	08/01/03	13000	18000	---	---	---	4200	240	420	1020	<30	910	---	---	---	---
MW-SF-1	10/07/03	15000	7300	---	---	---	4800	170	390	1060	<40	800	---	---	---	---
MW-SF-1	04/22/04	27000	11000	---	---	---	11000	510	480	970	<100	3800	---	---	---	---
MW-SF-1	11/03/04	34000	12000	---	---	---	13000	400	690	1170	<100	2600	---	---	---	---
MW-SF-1	05/06/05	12000	8800	---	---	---	3900	220	240	340	<30	670	---	---	---	---
MW-SF-1	11/02/05	15000	9200	---	---	---	5600	340	330	1050	<50	570	---	---	---	---
MW-SF-1	05/09/06	20000	9000	---	---	---	8200	730	570	1050	<100	1300	---	---	---	---
MW-SF-1	12/08/06	19000	20000	---	---	---	7000	640	590	960	<100	650	---	---	---	---
MW-SF-1	03/13/07	10000	2700	---	---	---	3400	320	390	790	<50	160	---	---	---	---
MW-SF-1	05/04/07	11000	4600	---	---	---	3400	110	430	229	<50	340	---	---	---	---
MW-SF-1	08/30/07	16000	9000	---	---	---	6000	210	550	290	<100	430	---	---	---	---
MW-SF-1	11/14/07	16000	6300	---	---	---	6100	180	540	213	<50	400	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-SF-1	02/21/08	23000	5600	---	---	---	11000	280	530	500	<100	1100	---	---	---	---
MW-SF-1	04/16/08	21000	11000	---	---	---	11000	350	440	550	<200	740	---	---	---	---
MW-SF-1	08/14/08	18000	27000	---	---	---	8200	240	390	253	<100	490	---	---	---	---
MW-SF-1	10/16/08	21000	12000	---	---	---	10000	280	490	477	<100	770	---	---	---	---
MW-SF-1	02/24/09	11000	10000	---	---	---	6300	85	160	65	<50	420	<500	---	---	---
MW-SF-1	04/20/09	16000	11000	---	---	---	7500	210	340	261	<100	340	<1000	<100	<100	<100
MW-SF-1	07/22/09	12000	34000	---	---	---	6300	110	180	89	<50	510	540	<50	<50	<50
MW-SF-1	10/23/09	21000	12000	---	---	---	11000	110	350	63	<100	620	<1000	<100	<100	<100
MW-SF-1	03/16/10	13000	12000	---	---	---	5900	56	120	55	<50	650	<500	<50	<50	<50
MW-SF-1	05/27/10	8800	3500	---	---	---	3900	46	150	51	<40	140	<400	<40	<40	<40
MW-SF-1	07/13/10	8600	11000	---	---	---	4000	41	64	<25	<50	400	<500	<50	<50	<50
MW-SF-1	10/07/10	10000	<5000	---	---	---	5200	58	67	<50	<100	440	<1000	<100	<100	<100
MW-SF-1	01/12/11	15000	15000	---	---	---	8500	<50	<50	<50	<100	650	<1000	<100	<100	<100
MW-SF-1	04/13/11	16000	9400	---	---	---	7800	62	97	93	<100	450	<1000	<100	<100	<100
MW-SF-1	07/12/11	8400	12000	---	---	---	4700	34	76	<38	<50	240	<500	<50	<50	<50
MW-SF-1	10/12/11	9500	9800	---	---	---	4500	32	71	37	<50	180	<500	<50	<50	<50
MW-SF-1	01/10/12	15000	13000	---	---	---	7300	94	140	140	<100	240	<1000	<100	<100	<100
MW-SF-1	04/19/12	8800	---	17000	---	---	4600	33	90	83	<50	110	<500	<50	<50	<50
MW-SF-1	10/18/12	3700	---	6400	---	---	1500	<10	15	<10	<20	45	<200	<20	<20	<20
MW-SF-1	01/15/13	8500	---	4100	---	---	4500	93	56	39	<50	110	<500	<50	<50	<50
MW-SF-1	06/30/16	260	---	760	---	---	0.69	<0.50	0.5	0.98	<1	1.6	19	<1	<1	<1
MW-SF-1	08/23/16	<100	---	920	---	---	0.89	0.31	0.32	1.6	0.02	0.76	9.9	0.21	<2	0.39
MW-SF-1	10/07/16	55	---	1200	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	<10	<1	<1	<1
MW-SF-1	04/20/17	<100	---	1800	---	---	2.1	<0.50	<0.50	<0.50	<1	0.92	17	<1	<1	<1
MW-SF-1	10/06/17	<100	---	570	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
MW-SF-1	04/19/18	61	---	310	---	---	<0.50	<0.50	<0.50	2.4	<0.50	<0.50	<10	<1	<1	<1
MW-SF-2	10/05/10	110000	<180000	---	---	---	21000	18000	1200	7100	<200	1700	<2000	<200	<200	<200
MW-SF-2	04/14/11	48000	26000	---	---	---	15000	1800	600	5400	<200	930	<2000	<200	<200	<200
MW-SF-2	10/13/11	72000	18000	---	---	---	18000	9600	660	5100	<200	940	<2000	<200	<200	<200
MW-SF-3	10/04/10	<500	<3700	---	---	---	32	10	<2.5	8.4	<5	50	3000	<5	<5	<5
MW-SF-3	04/29/11	15000	52000	---	---	---	5200	590	140	520	<50	2300	1200	<50	<50	<50
MW-SF-3	10/14/11	9500	3400	---	---	---	4300	<25	28	38	<50	98	<500	<50	<50	<50
MW-SF-3	11/03/15	280000	---	240000	---	---	11000	18000	1200	28000	<200	7600	<2000	<200	<200	<200
MW-SF-4	03/11/03	3600	2500	---	---	---	1100	<13	180	120	<13	750	---	---	---	---
MW-SF-4	10/08/03	40000	86000	---	---	---	4600	1900	990	5200	<40	530	---	---	---	---
MW-SF-4	02/21/08	25000	9900	---	---	---	4100	89	1200	2730	<40	330	---	---	---	---
MW-SF-4	04/16/08	21000	11000	---	---	---	4600	94	970	2920	<100	380	---	---	---	---
MW-SF-4	08/14/08	20000	54000	---	---	---	4200	43	1100	770	<50	260	---	---	---	---
MW-SF-4	10/16/08	17000	12000	---	---	---	3700	42	1100	1196	<40	170	---	---	---	---
MW-SF-4	02/23/09	20000	32000	---	---	---	6400	92	1000	1420	<50	950	<500	---	---	---
MW-SF-4	05/28/10	17000	8800	---	---	---	7200	39	370	250	<50	440	<500	120	<50	<50
MW-SF-4	07/14/10	13000	9500	---	---	---	4400	37	450	360	<50	320	<500	64	<50	<50
MW-SF-4	10/07/10	30000	<31000	---	---	---	8900	<50	940	770	<100	620	<1000	<100	<100	<100
MW-SF-4	01/12/11	20000	18000	---	---	---	8500	<50	350	280	<100	350	<1000	100	<100	<100
MW-SF-4	04/13/11	11000	28000	---	---	---	2600	<15	320	297	<30	180	<300	<30	<30	<30
MW-SF-4	07/12/11	15000	10000	---	---	---	4500	36	530	540	<50	220	<500	<50	<50	<50
MW-SF-4	01/10/12	22000	54000	---	---	---	4900	<25	590	770	<50	160	<500	<50	<50	<50
MW-SF-4	04/20/12	19000	---	7200	---	---	4500	36	480	430	<50	460	<500	<50	<50	<50
MW-SF-4	10/19/12	8900	---	9900	---	---	2200	40	280	420	<20	160	410	<20	<20	<20
MW-SF-4	01/15/13	13000	---	3700	---	---	5000	46	660	300	<80	380	<800	<80	<80	<80
MW-SF-4	06/30/16	540	---	20000	---	---	2.3	<0.50	0.75	20	<0.50	<0.50	<10	<1	<1	<1
MW-SF-4	08/23/16	<100	---	5000	---	---	0.57	0.13	0.27	2.2	<1	0.28	6.5	0.08	0.41	<2
MW-SF-4	10/07/16	<500	---	4700	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
MW-SF-4	04/20/17	<100	---	1400 J	---	---	3.4	<0.50	0.53	1.2	<1	1.2	<10	5.6	<1	<1
MW-SF-4	10/06/17	<200	---	3300	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-SF-4	04/20/18	<50	---	1300	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

		Results reported in micrograms per liter (µg/L)														
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-SF-5	10/08/10	540	<2700	---	---	---	110	1.1	<1	<1	<2	400	180	18	<2	<2
MW-SF-5	04/13/11	570	2900	---	---	---	41	<2	<2	<2	<4	380	270	24	<4	<4
MW-SF-5	10/13/11	<500	2900	---	---	---	6.9	<2.5	<2.5	<2.5	<5	240	100	11	<5	<5
MW-SF-5	10/31/14	<200	---	1800	---	---	3.4	7	1	14	<2	17	70	<2	<2	<2
MW-SF-5	04/24/15	<500	---	1200	---	---	190	<2.5	<2.5	<2.5	<5	16	<50	<5	<5	<5
MW-SF-5	10/27/15	270	---	370	---	---	13	0.52	<0.50	0.89	<0.50	10	35	2	<1	<1
MW-SF-6	10/08/10	59000	9200	---	---	---	15000	7200	940	4300	<200	740	<2000	<200	<200	<200
MW-SF-6	04/14/11	32000	12000	---	---	---	12000	330	540	3800	<100	810	<1000	<100	<100	<100
MW-SF-6	10/13/11	40000	11000	---	---	---	14000	420	780	3600	<200	570	<2000	<200	<200	<200
MW-SF-6	08/23/16	13000	---	2700	---	---	2400	<10	66	1300	<20	58	510	<20	<20	<20
MW-SF-6	10/07/16	8400	---	10000	---	---	8400	<5	35	640	<10	53	390	<10	<10	<10
MW-SF-6	04/20/17	2000	---	3900	---	---	42	<1	5.8	37	<2	21	130	22	<2	<2
MW-SF-6	10/06/17	1300	---	71000	---	---	98	<1	32	53	<2	3.1	32	4.2	<2	<2
MW-SF-6	04/20/18	<200	---	5200	---	---	5.5	<1	1.8	1.5	<2	3.6	110	5.6	<2	<2
MW-SF-9	03/11/03	24000	13000	---	---	---	3200	940	340	1040	<25	1600	---	---	---	---
MW-SF-9	08/01/03	6600	95000	---	---	---	980	72	140	430	17	2500	---	---	---	---
MW-SF-9	10/07/03	5800	3300	---	---	---	340	8.8	82	92	<5	3200	---	---	---	---
MW-SF-9	05/04/05	5700	9700	---	---	---	730	73	130	190	<10	54	---	---	---	---
MW-SF-9	11/03/05	<500	690	---	---	---	9.4	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
MW-SF-9	12/08/06	<500	10000	---	---	---	35	<2.5	<2.5	3.6	<5	8.7	---	---	---	---
MW-SF-9	11/14/07	110	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-SF-9	04/16/08	920	5800	---	---	---	200	1.4	6.3	3.9	<1	16	---	---	---	---
MW-SF-9	10/21/08	350	770	---	---	---	10	<0.50	2.3	<0.50	<1	<0.50	---	---	---	---
MW-SF-9	04/23/09	430	3800	---	---	---	44	<0.50	1.2	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-SF-9	10/22/09	2400	5900	---	---	---	1300	<10	11	<10	<20	13	<200	<20	<20	<20
MW-SF-9	05/27/10	350	8200	---	---	---	100	1.3	<1	<1	<2	<1	<20	<2	<2	<2
MW-SF-9	10/07/10	1100	<7300	---	---	---	450	7.8	17	<2.5	<5	<2.5	<50	<5	<5	<5
MW-SF-9	04/13/11	310	5900	---	---	---	36	<0.50	<0.50	1.23	<1	<0.50	<10	<1	<1	<1
MW-SF-9	04/19/12	480	---	3300	---	---	160	<1	<1	<1	<2	<1	<20	2.2	<2	<2
MW-SF-9	06/06/13	2300	---	4500	---	---	680	25	52	190	<10	20	<100	40	<10	<10
MW-SF-9	10/11/13	4100	---	7300	---	---	910	220	7300	55	310	17	<200	<20	<20	<20
MW-SF-9	04/14/16	2300	---	5100	---	---	96	1.8	64	170	<3	1.7	130	3.4	<3	<3
MW-SF-10	10/05/10	30000	<220000	---	---	---	1500	1200	600	2700	<30	31	<300	<30	<30	<30
MW-SF-10	04/14/11	31000	160000	---	---	---	520	68	410	6500	<20	21	<200	<20	<20	<20
MW-SF-10	10/13/11	18000	46000	---	---	---	320	320	260	2900	<20	<10	<200	<20	<20	<20
MW-SF-11	10/05/10	7800	650	---	---	---	4000	210	<15	110	<30	140	940	<30	<30	<30
MW-SF-11	04/29/11	16000	2500	---	---	---	10000	60	95	140	<100	130	<1000	<100	<100	<100
MW-SF-11	10/13/11	30000	2300	---	---	---	14000	250	340	600	<200	<100	<2000	<200	<200	<200
MW-SF-11	04/19/12	15000	---	160	---	---	8100	130	110	480	<100	100	<1000	<100	<100	<100
MW-SF-11	10/18/12	77000	---	320	---	---	18000	420	2600	6500	<200	<100	<2000	<200	<200	<200
MW-SF-12	10/05/10	17000	1900	---	---	---	5300	1800	110	680	<50	5300	2200	880	<50	<50
MW-SF-12	04/29/11	27000	19000	---	---	---	5900	4400	340	3400	<50	2200	<500	<50	<50	<50
MW-SF-12	10/13/11	110000	11000	---	---	---	24000	18000	1000	6400	<200	7200	<2000	<200	<200	<200
MW-SF-12	10/05/10	9000	2900	---	---	---	2100	1000	83	520	<20	680	280	61	<20	<20
MW-SF-13	04/29/11	3400	6300	---	---	---	1000	64	20	189	<10	39	270	23	<10	<10
MW-SF-13	10/14/11	42000	13000	---	---	---	12000	5200	300	2200	<200	580	<2000	<200	<200	<200
MW-SF-13	08/23/16	790	---	2600	---	---	2.6	1.2	8.2	24	<2	<1	<20	<2	<2	<2
MW-SF-13	10/07/16	5300	---	4400	---	---	<5	<5	200	350	<10	<5	<100	<10	<10	<10
MW-SF-13	04/20/17	2000	---	1500	---	---	3.9	1.6	26	60	<2	1.9	36	4.8	<2	<2
MW-SF-13	10/06/17	<100	---	2700	---	---	2	0.67	<0.50	<0.50	<1	0.98	18	2.6	<1	<1
MW-SF-13	04/20/18	<100	---	1400	---	---	1.3	<0.50	<0.50	<0.50	<1	0.55	<10	<1	<1	<1
MW-SF-14	10/08/10	30000	9300	---	---	---	10000	300	900	1400	<200	1900	2300	<200	<200	<200
MW-SF-14	04/29/11	18000	6500	---	---	---	12000	84	130	150	<100	330	1800	<100	<100	<100
MW-SF-14	10/13/11	<20000	6900	---	---	---	9100	120	<100	600	<200	760	<2000	<200	<200	<200
MW-SF-14	04/19/12	15000	---	450	---	---	8200	47	43	120	<50	220	630	<50	<50	<50
MW-SF-14	10/18/12	9800	---	200	---	---	5100	24	<20	64	<40	58	<400	<40	<40	<40

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-SF-14	04/24/15	510	---	3300	---	---	100	13	<2.5	18	<5	21	<50	<5	<5	<5
MW-SF-14	10/27/15	270000	---	440000	---	---	8700	18000	2800	19000	<200	2600	<2000	<200	<200	<200
MW-SF-14	04/15/16	370	---	17000	---	---	4.7	<0.50	<0.50	39	<0.50	63	500	<1	<1	<1
MW-SF-15	10/05/10	8600	2000	---	---	---	1900	700	63	500	<20	1000	9200	37	<20	<20
MW-SF-15	04/29/11	10000	3800	---	---	---	5500	230	100	361	<40	1200	3400	62	<40	<40
MW-SF-15	10/14/11	35000	39000	---	---	---	11000	860	210	1700	<200	780	2300	<200	<200	<200
MW-SF-15	08/23/16	300	---	1400	---	---	5.2	0.57	3	23	0.04	38	440	5.2	0.78	1.4
MW-SF-15	10/07/16	<500	---	16000	---	---	7.1	<2.5	<2.5	3.5	<5	26	720	12	<5	<5
MW-SF-15	04/20/17	190	---	550	---	---	2.5	<0.50	0.69	<0.50	<1	17	300	48	<1	<1
MW-SF-15	10/06/17	110	---	1300	---	---	1.5	<0.50	<0.50	<0.50	<1	1.3	180	52	<1	<1
MW-SF-15	04/20/18	120	---	410	---	---	2.1	<0.50	<0.50	<0.50	<1	4.6	1400	53	<1	<1
MW-SF-16	10/04/10	4100	<1400	---	---	---	1600	150	39	160	<20	170	1800	39	<20	<20
MW-SF-16	04/29/11	5900	2400	---	---	---	2400	210	150	563	<20	210	370	30	<20	<20
MW-SF-16	10/14/11	7900	2500	---	---	---	2900	130	140	380	<50	200	<500	<50	<50	<50
MW-SF-16	10/31/14	100000	---	110000	---	---	7400	7800	1000	17000	<200	350	<2000	<200	<200	<200
MW-SF-16	04/24/15	30000	---	250000	---	---	1400	2300	570	4100	<40	170	<400	<40	<40	<40
MW-SF-16	10/27/15	3000	---	490	---	---	750	39	35	160	<20	41	<200	37	<20	<20
PO-7	11/08/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
PW-1	11/27/96	---	---	---	---	---	<1	2.2	<1	2	270	<10	---	---	---	---
PW-1	07/15/97	190	---	<500	---	---	<0.50	<0.50	<0.50	<1	180	<5	---	---	---	---
PW-1	01/05/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	68	<5	---	---	---	---
PW-1	05/22/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	38	<0.50	---	---	---	---
PW-1	11/13/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<0.50	73	8.1	---	---	---	---
PW-1	05/06/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	5.7	<0.50	---	---	---	---
PW-1	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	<0.50	---	---	---	---
PW-1	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	<0.50	---	---	---	---
PW-1	11/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.7	<0.50	---	---	---	---
PW-1	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---
PW-1	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	---	---	---	---
PW-1	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	10/23/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	10/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	11/04/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.1	<0.50	---	---	---	---
PW-1	05/09/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	12/07/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	05/05/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	11/14/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	04/18/08	<50	460	---	---	---	<0.50	460	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	11/21/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	04/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-2	11/25/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	76	3.3	---	---	---	---
PW-2	07/14/97	140	---	<500	---	---	<0.50	<0.50	<0.50	<1	160	<5	---	---	---	---
PW-2	01/06/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	82	<5	---	---	---	---
PW-2	05/22/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	37	0.9	---	---	---	---
PW-2	08/25/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	6.8	<0.50	---	---	---	---
PW-2	11/16/98	<300	---	---	---	---	16	18	2	10.9	35	58	---	---	---	---
PW-2	02/03/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	79	2.4	---	---	---	---
PW-2	05/06/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	3.4	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter ($\mu\text{g/L}$)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
PW-2	08/10/99	<500	---	<1000	---	---	<0.50	<1	<1	<1	32	<1	---	---	---	---
PW-2	11/19/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	45	0.7	---	---	---	---
PW-2	02/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	58	<0.50	---	---	---	---
PW-2	05/16/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	50	0.8	---	---	---	---
PW-2	08/29/00	<300	760	---	---	---	<0.50	<0.50	<0.50	<0.50	56	0.6	---	---	---	---
PW-2	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	35	0.6	---	---	---	---
PW-2	02/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	28	0.8	---	---	---	---
PW-2	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	14	<0.50	---	---	---	---
PW-2	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	24	<0.50	---	---	---	---
PW-2	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	<0.50	---	---	---	---
PW-2	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	1.7	19	<0.50	---	---	---	---
PW-2	10/24/02	<300	1000	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	01/16/03	<300	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
PW-2	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	07/07/03	---	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
PW-2	10/07/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	8.8	<0.50	---	---	---	---
PW-2	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	18	0.56	---	---	---	---
PW-2	07/08/04	<50	250	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	11/03/04	83	140	---	---	---	<0.50	<0.50	<0.50	<0.50	52	1.5	---	---	---	---
PW-2	05/06/05	110	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	70	6.2	---	---	---	---
PW-2	11/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	05/04/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	12/06/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	6.8	<0.50	---	---	---	---
PW-2	05/02/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.57	<0.50	---	---	---	---
PW-2	11/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	04/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	11/25/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	110	<5	---	---	---	---
PW-3	07/14/97	140	---	<500	---	---	5.9	2.4	2.9	8.4	67	<5	---	---	---	---
PW-3	01/08/98	<100	---	<500	---	---	1.2	1.1	<0.50	<1.5	46	<5	---	---	---	---
PW-3	05/22/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	48	1.6	---	---	---	---
PW-3	08/25/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	35.3	<0.50	---	---	---	---
PW-3	11/16/98	<300	---	---	---	---	<0.50	4.5	0.6	3.6	21	<0.50	---	---	---	---
PW-3	02/03/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	25	<0.50	---	---	---	---
PW-3	05/06/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	21	<0.50	---	---	---	---
PW-3	08/10/99	<500	---	<1000	---	---	<0.50	<1	<1	<1	13	<1	---	---	---	---
PW-3	11/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.5	<0.50	---	---	---	---
PW-3	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.4	<0.50	---	---	---	---
PW-3	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.7	<0.50	---	---	---	---
PW-3	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.8	<0.50	---	---	---	---
PW-3	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3	<0.50	---	---	---	---
PW-3	10/24/02	<300	1600	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	01/16/03	<300	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
PW-3	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.73	<0.50	---	---	---	---
PW-3	07/07/03	---	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
PW-3	10/07/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.6	<0.50	---	---	---	---
PW-3	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	07/13/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	11/03/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	05/06/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.53	<0.50	---	---	---	---
PW-3	11/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	05/03/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	12/06/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	---	---	---	---
PW-3	05/02/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	11/15/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
PW-3	04/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	10/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	04/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.64	<0.50	<10	<1	<1	<1
PW-3	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.86	<0.50	<10	<1	<1	<1
PW-3	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<1	<1	<1
PW-3	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<10	1	<1	<1
PW-3	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/21/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.67	<0.50	<10	<1	<1	<1
PW-3	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PZ-1	11/27/96	---	---	---	---	---	79	16	140	49	15	610	---	---	---	---
PZ-1	07/16/97	220	---	<500	---	---	<0.50	<0.50	13	<1	3	480	---	---	---	---
PZ-1	01/06/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	1.3	17	---	---	---	---
PZ-1	05/26/98	400	---	---	---	---	<5	<5	<5	<10	<5	370	---	---	---	---
PZ-1	11/16/98	516	<100	---	---	---	110	67	8	38	7.2	320	---	---	---	---
PZ-1	05/06/99	2000	---	<500	---	---	500	<2	13	120	<5	230	---	---	---	---
PZ-1	11/17/99	<300	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<2.5	210	---	---	---	---
PZ-1	05/17/00	350	740	---	---	---	51	<2.5	2.7	<2.5	<2.5	250	---	---	---	---
PZ-1	11/29/00	390	720	---	---	---	79	<2.5	<2.5	<2.5	<2.5	260	---	---	---	---
PZ-1	05/08/01	<300	380	---	---	---	15	<0.50	<0.50	<0.50	<0.50	330	---	---	---	---
PZ-1	11/06/01	550	140	---	---	---	8.4	<0.50	<0.50	0.7	1.4	470	---	---	---	---
PZ-1	04/09/02	<300	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<2.5	270	---	---	---	---
PZ-2	04/11/13	210	---	940	---	---	9.9	<1	13	<1	<2	<1	<20	<2	<2	<2
PZ-2	10/11/13	400	---	580	---	---	9	<0.50	1.3	2	<1	<0.50	23	<1	<1	<1
PZ-2	04/17/14	330	---	280	---	---	2	<0.50	<0.50	2.6	<1	0.6	25	<1	<1	<1
PZ-2	04/23/15	250	---	810	---	---	<1	<1	2.5	13	<2	<1	29	<2	<2	<2
PZ-2	10/27/15	210	---	460	---	---	1.2	<0.50	1.2	3.8	<0.50	0.56	42	<1	<1	<1
PZ-2	03/15/16	1200	---	1800	---	---	150	16	32	72	<2	4	<20	<2	<2	<2
PZ-2	04/13/16	2300	---	1300	---	---	110	20	120	390	<2	1.3	<20	<2	<2	<2
PZ-2	06/30/16	790	---	550	---	---	77	3	21	43	<0.50	1.2	<10	1	<1	<1
PZ-2	08/23/16	590	---	570	---	---	62	7.9	12	37	0.55	1.3	11	1.4	<2	0.38
PZ-2	10/06/16	410	---	550	---	---	3.5	0.84	8.2	22	<0.50	1.7	23	<1	<1	<1
PZ-2	04/20/17	<50	---	94	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	<10	<1	<1	<1
PZ-2	10/05/17	120	---	440	---	---	<0.50	<0.50	<0.50	2.6	<0.50	1.1	<10	<1	<1	<1
PZ-2	04/19/18	110	---	680	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	<10	<1	<1	<1
PZ-3	04/22/04	---	56000	---	---	---	6300	<1500	4100	24000	---	<25000	---	---	---	---
PZ-3	04/22/09	---	---	---	---	---	2200	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
PZ-3	04/15/10	---	---	---	---	---	1600	2.2	<0.50	<0.50	<0.50	0.74	<10	<2	<2	<2
PZ-3	10/08/10	---	---	---	---	---	430	0.6	---	---	<0.50	0.69	<10	---	---	---
PZ-3	04/14/11	---	---	---	---	---	2700	1.3	<0.50	<0.50	<0.50	0.71	<10	<2	<2	<2
PZ-3	10/14/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
PZ-3	04/19/12	---	---	---	---	---	590	0.68	<0.50	<0.50	0.26 J	<0.50	0.52	6.6 J	<2	<2
PZ-3	10/19/12	---	---	---	---	---	5000	280	<0.50	150	362	<0.50	<0.50	<10	<2	<2
PZ-3	10/09/13	2100	---	10000 b	---	---	53	0.25 J	44	95.3	<0.50	1.6	<10	<2	<2	<2
PZ-3	04/18/14	5300 b	---	6900 b	---	---	420	<0.50	7.4	1.86	<0.50	1.2	18	<2	<2	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
PZ-3	11/03/14	1300	---	2700	---	---	52	<0.50	1.4	<1	<0.50	3.7	12	<2	<2	<2
PZ-3	04/22/15	3000	---	3600	---	---	59	<0.50	1.2	<1	<0.50	2.8	<10	<2	<2	<2
PZ-3	10/10/17	710	---	1500	---	---	28	<1	<1	<2	<1	<2	<20	<4	<4	<4
PZ-3	04/20/18	690	---	5300 J	---	---	94	<1	1.9	1	<1	11	<20	<4	<4	<4
PZ-5	10/07/03	6900	<100	---	---	---	11	<10	<10	<10	<20	9100	---	---	---	---
PZ-5	05/05/05	<50	<100	---	---	---	0.87	<0.50	<0.50	<0.50	<0.50	43	---	---	---	---
PZ-5	11/02/05	1200	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	2100	---	---	---	---
PZ-5	02/28/06	160	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	380	---	---	---	---
PZ-5	05/04/06	1200	<100	---	---	---	<2	<2	<2	<2	<4	1900	---	---	---	---
PZ-5	09/19/06	480	<100	---	---	---	<1	<1	<1	<1	<2	1200	---	---	---	---
PZ-5	12/07/06	480	<100	---	---	---	<1.5	<1.5	<1.5	<1.5	<3	960	---	---	---	---
PZ-5	03/13/07	320	<100	---	---	---	<1	<1	<1	<1	<2	690	---	---	---	---
PZ-5	05/04/07	400	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	610	---	---	---	---
PZ-5	08/29/07	380	<100	---	---	---	<1	<1	<1	<1	<2	480	---	---	---	---
PZ-5	11/15/07	370	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	470	---	---	---	---
PZ-5	02/20/08	940	560	---	---	---	<1	<1	<1	<1	<2	750	---	---	---	---
PZ-5	04/15/08	750	330	---	---	---	<1	<1	<1	<1	<2	740	---	---	---	---
PZ-5	08/12/08	1500	370	---	---	---	<2	<2	<2	<2	<4	2000	---	---	---	---
PZ-5	10/16/08	<3000	210	---	---	---	22	<15	<15	<15	<30	1900	---	---	---	---
PZ-5	02/24/09	1000	440	---	---	---	61	<1	<1	<1	<2	1200	37000	---	---	---
PZ-5	02/24/09	1200	760	---	---	---	250	<2	5.7	<2	<4	1200	35000	<4	<4	<4
PZ-5	04/23/09	1200	760	---	---	---	250	<2	5.7	<2	<4	1200	35000	<4	<4	<4
PZ-5	07/22/09	3800	1800	---	---	---	2000	20	98	77	<5	800	54000	<5	<5	<5
PZ-5	10/23/09	2900	1300	---	---	---	1100	18	53	69	<10	500	50000	<10	<10	<10
PZ-5	03/16/10	1700	890	---	---	---	370	2.1	33	9.4	<4	350	58000	<4	<4	<4
PZ-5	04/16/10	1600	1100	---	---	---	110	<2.5	9.7	4.6	<5	340	91000	<5	<5	<5
PZ-5	05/27/10	3200000 J	1300	---	---	---	1100	<25	66	<25	<50	360	69000	<50	<50	<50
PZ-5	07/14/10	4600	1300	---	---	---	1900	<10	180	<10	<20	530	82000	<20	<20	<20
PZ-5	08/12/10	9100	1600	---	---	---	4400	<5	340	42	<10	490	64000	<10	<10	<10
PZ-5	09/20/10	8500	1800	---	---	---	4200	2.8	110	12	<4	370	43000	<4	<4	<4
PZ-5	10/07/10	6300	1000	---	---	---	3100	<20	56	<20	<40	150	40000	<40	<40	<40
PZ-5	11/16/10	3400	1600	---	---	---	1600	<10	10	15	<20	130	20000	<20	<20	<20
PZ-5	12/22/10	3400	1700	---	---	---	1600	<10	<10	<10	<20	100	22000	<20	<20	<20
PZ-5	01/12/11	<4000	1200	---	---	---	1500	<5	<5	<5	<10	130	38000	<10	<10	<10
PZ-5	02/24/11	1400	400	---	---	---	390	<2	<2	3.8	<4	84	27000	<4	<4	<4
PZ-5	03/23/11	1100	820	---	---	---	210	<1	<1	2.4	<2	140	29000	<2	<2	<2
PZ-5	04/13/11	830	520	---	---	---	59	<1	<1	<1	<2	120	28000	<2	<2	<2
PZ-5	05/13/11	2000	830	---	---	---	710	4.7	25	25.8	<5	140	34000	<5	<5	<5
PZ-5	06/22/11	4500	1100	---	---	---	960	9	30	80	<10	100	33000	<10	<10	<10
PZ-5	07/12/11	3300	1200	---	---	---	1500	16	50	77	<20	110	34000	<20	<20	<20
PZ-5	08/19/11	2600	1200	---	---	---	750	9	63	45	<10	150	47000	<10	<10	<10
PZ-5	09/22/11	4700	1400	---	---	---	1600	33	100	200	<20	200	64000	<20	<20	<20
PZ-5	10/14/11	4600	1500	---	---	---	1500	31	130	190	<10	170	58000	<10	<10	<10
PZ-5	11/28/11	4600	1500	---	---	---	1700	18	150	140	<20	220	61000	<20	<20	<20
PZ-5	12/21/11	5900	2000	---	---	---	2200	57	160	390	<20	190	61000	<20	<20	<20
PZ-5	01/10/12	5400	1900	---	---	---	2000	44	140	330	<20	200	38000	<20	<20	<20
PZ-5	02/23/12	8400	1700	---	---	---	3300	86	280	760	<40	370	29000	<40	<40	<40
PZ-5	03/28/12	4100	---	270	---	---	1800	20	100	170	<20	150	29000	<20	<20	<20
PZ-5	04/19/12	2900	---	260	---	---	1300	<10	97	20	<20	140	58000	<20	<20	<20
PZ-5	05/25/12	7500	---	340	---	---	3700	42	210	250	<30	240	68000	<30	<30	<30
PZ-5	06/15/12	8400 J	---	440	---	---	4500	60	190	320	<100	500	75000	<100	<100	<100
PZ-5	07/10/12	7600	---	360	---	---	3400	31	150	200	<20	700	66000	<20	<20	<20
PZ-5	08/29/12	4500	---	900	---	---	2300	17	110	66	<20	1000	140000	<20	<20	<20
PZ-5	09/26/12	6200	---	390	---	---	2000	25	160	110	<20	1500	67000	<20	<20	<20
PZ-5	10/18/12	9900	---	520	---	---	3300	55	200	180	<80	5600	83000	<80	<80	<80
PZ-5	11/29/12	8300	---	420	---	---	3000	35	200	69	<40	3200	97000	<40	<40	<40

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
PZ-5	12/26/12	5200	---	480	---	---	2600	18	160	55	<5	3300	130000	<5	<5	<5
PZ-5	01/15/13	9400	---	1400	---	---	3900	41	200	100	<50	4800	100000	<50	<50	<50
PZ-5	02/20/13	12000	---	1400	---	---	5400	67	310	310	<100	8600	110000	<100	<100	<100
PZ-5	04/11/13	10000	---	2300	---	---	4100	37	300	140	<40	4800	83000	<40	<40	<40
PZ-5	10/11/13	49000	---	6200	---	---	11000	<100	590	250	<200	32000	210000	<200	<200	<200
PZ-5	04/16/14	250000	---	3700	---	---	70000	<200	5800	200	<400	150000	2800000	<400	<400	<400
PZ-5	10/30/14	16000	---	6500	---	---	5600	<50	410	<50	<100	440	110000	<100	<100	<100
PZ-5	04/23/15	3100	---	2100	---	---	1100	<5	120	18	<10	150	64000	<10	<10	<10
PZ-5	10/26/15	1200	---	1100	---	---	<1	<1	<1	<1	<2	29	46000	<2	<2	<2
PZ-5	04/14/16	860	---	400	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.6	72000	<1	<1	<1
PZ-5	10/06/16	1200	---	970	---	---	<1	<1	<1	1.4	<2	7.2	110000	<2	2.7	<2
PZ-5	04/21/17	16000	---	840	---	---	5800	450	910	1900	<40	770	47000	<40	<40	44
PZ-5	10/05/17	910	---	270	---	---	1.7	<1	20	1.6	<2	23	30000	<2	<2	<2
PZ-5	04/19/18	550	---	420	---	---	<0.50	<0.50	<0.50	<0.50	<1	3.6	97000*	<1	<1	<1
PZ-6	11/30/00	<300	<100	---	---	---	<0.50	0.5	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-6	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-6	07/08/03	---	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
PZ-6	04/27/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-6	07/08/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.5	<0.50	---	---	---	---
PZ-7A	06/13/03	340	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	660	---	---	---	---
PZ-7A	09/24/03	160	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	390	---	---	---	---
PZ-7A	10/10/03	240	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	340	---	---	---	---
PZ-7A	08/02/05	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.8	---	---	---	---
PZ-7B	06/13/03	98	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.51	51	---	---	---	---
PZ-7B	09/24/03	61	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	67	---	---	---	---
PZ-7B	10/10/03	90	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	---	---	---	---
PZ-7B	08/02/05	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-8A	06/13/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	12	---	---	---	---
PZ-8A	09/24/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
PZ-8A	10/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.8	---	---	---	---
PZ-8A	08/02/05	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-8A	12/06/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-8B	06/13/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	31	---	---	---	---
PZ-8B	09/24/03	86	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	180	---	---	---	---
PZ-8B	10/10/03	310	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	440	---	---	---	---
PZ-8B	08/02/05	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-8B	12/06/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-9A	06/13/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-9A	09/24/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-9A	10/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-9A	08/02/05	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-9B	06/13/03	75	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	50	---	---	---	---
PZ-9B	09/24/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.9	---	---	---	---
PZ-9B	10/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.9	---	---	---	---
PZ-9B	08/02/05	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	---	---	---	---
PZ-10	08/01/03	6300	1800	---	---	---	710	130	150	890	<10	47	---	---	---	---
PZ-10	10/07/03	6200	1900	---	---	---	1000	21	230	600	<10	55	---	---	---	---
PZ-10	01/27/04	3100	1800	---	---	---	560	5.4	63	201	<5	28	---	---	---	---
PZ-10	04/22/04	11000	8300	---	---	---	2100	29	470	1490	<20	110	---	---	---	---
PZ-10	07/19/04	4800	2500	---	---	---	890	<5	210	278	<10	45	---	---	---	---
PZ-10	11/03/04	4600	2800	---	---	---	920	9.1	280	580	<10	50	---	---	---	---
PZ-10	02/03/05	1000	1200	---	---	---	250	1.4	34	108	<2	42	---	---	---	---
PZ-10	05/04/05	<50	350	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-10	08/01/05	<50	<100	---	---	---	0.71	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-10	11/02/05	<100	220	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
PZ-10	02/27/06	<200	1600	---	---	---	<1	<1	<1	<1	<2	6.1	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
PZ-10	05/09/06	<1000	1600	---	---	---	5.1	<5	<5	<5	<10	36	---	---	---	---
PZ-10	09/20/06	<200	640	---	---	---	<1	<1	<1	<1	<2	3.6	---	---	---	---
PZ-10	12/06/06	<500	2400	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	5.5	---	---	---	---
PZ-10	03/13/07	<500	1100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
PZ-10	05/03/07	<1000	7100	---	---	---	6.1	<5	<5	<5	<10	<5	---	---	---	---
PZ-10	08/30/07	<200	1000	---	---	---	<1	<1	<1	<1	<2	<1	---	---	---	---
PZ-10	11/14/07	<50	360	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-10	02/21/08	<200	510	---	---	---	65	<1	3.1	9.4	<2	<1	---	---	---	---
PZ-10	04/16/08	950	670	---	---	---	360	5	20	85	<5	11	---	---	---	---
PZ-10	10/16/08	<200	1100	---	---	---	18	<1	<1	<1	<2	1.7	---	---	---	---
PZ-10	04/20/09	560	2600	---	---	---	26	<1	3.2	<1	<2	12	38	5.2	<2	<2
PZ-10	07/21/09	<200	1700	---	---	---	1.4	<1	<1	<1	<2	9.6	55	3.1	<2	<2
PZ-10	10/22/09	<200	1200	---	---	---	<1	<1	<1	<1	<2	4.4	30	<2	<2	<2
PZ-10	05/27/10	<100	940	---	---	---	0.92	<0.50	<0.50	<0.50	<1	1.4	<10	<1	<1	<1
PZ-10	10/07/10	<100	<830	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
PZ-10	04/13/11	<200	910	---	---	---	2.8	<1	<1	<1	<2	<1	<20	2.2	<2	<2
PZ-10	04/19/12	<200	---	570	---	---	4.9	<1	<1	<1	<2	<1	39	3.4	<2	<2
PZ-10	10/17/12	<500	---	970	---	---	32	<2.5	<2.5	<2.5	<5	<2.5	<50	6.4	<5	<5
PZ-10	10/26/15	340	---	1200	---	---	<1.5	<1.5	<1.5	6.2	<3	<1.5	140	<3	<3	<3
PZ-10	04/14/16	<200	---	240	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
QA SAMPLES	04/20/15	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
QA SAMPLES	04/20/15	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
QA SAMPLES	04/22/15	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
QA SAMPLES	04/22/15	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
QA SAMPLES	04/23/15	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
QA SAMPLES	04/23/15	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
QA SAMPLES	04/24/15	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
QA SAMPLES	04/24/15	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
QA SAMPLES	04/28/15	---	---	---	---	---	36	140	32	160	<0.50	<2	<10	<2	<2	<2
QA SAMPLES	04/29/15	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
QA SAMPLES	04/29/15	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
QA SAMPLES	10/20/15	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
QA SAMPLES	10/20/15	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
QA SAMPLES	10/21/15	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
QA SAMPLES	10/21/15	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
QA SAMPLES	10/22/15	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
QA SAMPLES	10/22/15	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
QA SAMPLES	10/23/15	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
QA SAMPLES	10/23/15	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
QA SAMPLES	10/26/15	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
QA SAMPLES	10/26/15	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
QA SAMPLES	10/03/16	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/03/16	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/04/16	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/04/16	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/05/16	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/05/16	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/07/16	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/07/16	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/10/16	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/10/16	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/11/16	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/11/16	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/02/17	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/02/17	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/03/17	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
QA SAMPLES	10/04/17	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/04/17	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/05/17	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/05/17	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/09/17	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/09/17	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/10/17	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/25/17	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/25/17	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	10/25/17	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	04/16/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	04/16/18	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	04/17/18	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	04/18/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	04/18/18	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	04/19/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	04/19/18	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	04/20/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	04/20/18	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	04/23/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	04/23/18	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	04/24/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	04/24/18	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
RTF-18-N	04/24/17	25000	---	5200	---	---	1700	6.7	800	2500	<5	<10	<100	<20	<20	<20
RTF-18-NNW	04/24/17	30000	---	6900	---	---	5000	16	1500	5200	<5	<10	<100	<20	<20	<20
TF-8	09/18/03	---	<100	---	---	---	1.2	<0.50	0.77	2.74	<0.50	24	---	---	---	---
TF-8	02/21/04	---	---	---	520	---	3.2	<0.50	<0.50	1.4	---	46	---	---	---	---
TF-8	10/10/13	<100	---	490 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<10	<2	<2	<2
TF-8	04/18/14	140 b	---	450 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.71	<10	<2	<2	<2
TF-8	10/29/14	<100	---	1000	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
TF-8	04/29/15	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
TF-8	10/23/15	<100	---	830	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
TF-8	04/12/16	<100	---	1000	---	---	0.52	<0.50	1.2	4.1	<0.50	1.7	<10	<2	<2	<2
TF-8	10/10/16	<100	---	770	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.2	<10	<2	<2	<2
TF-8	04/20/17	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-8	10/05/17	<100	---	640	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-8	04/19/18	<100	---	780	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-9	10/10/13	960 b	---	2200 b	---	---	2.1	0.27 J	0.8	0.3	<0.50	<0.50	32	<2	<2	<2
TF-9	04/18/14	3400 b	---	2900 b	---	---	3.6	0.27 J	3.1	8.1	<0.50	<0.50	25	<2	<2	<2
TF-9	10/31/14	1100	---	1300	---	---	6	<0.50	0.84	0.69	<0.50	<2	22	<2	<2	<2
TF-9R	10/05/17	1500	---	1500	---	---	36	<0.50	6.5	0.51	<0.50	<1	<10	<2	<2	<2
TF-9R	04/20/18	750	---	1700 J	---	---	34	<2.5	3.4	<5	<2.5	<5	<50	<10	<10	<10
TF-14	09/18/03	---	20000	---	---	---	210	<2.5	62	88.8	<2.5	<2.5	---	---	---	---
TF-14	02/21/04	---	---	---	12000	---	370	<1	130	125.9	---	1.2	---	---	---	---
TF-16	04/14/03	---	4450	---	---	---	23.8	5.03	15.3	16.8	---	9.51	---	---	---	---
TF-16	09/18/03	---	59000	---	---	---	280	8.3	24	211	<0.50	9.1	---	---	---	---
TF-16	10/11/03	---	7400	---	---	---	150	7	27	91	---	<25	---	---	---	---
TF-16	02/21/04	---	---	---	48000	---	120	2.4	23	89	---	5.6	---	---	---	---
TF-16	04/21/04	---	23000	---	---	---	200	30	40	320	---	4.6	---	---	---	---
TF-16	11/04/04	---	16000	---	---	---	180	4	20	320	---	<10	---	---	---	---
TF-16	05/06/05	---	27000	---	---	---	43	10	4.6	73	---	<25	---	---	---	---
TF-16	11/08/05	---	4200	---	---	---	25	0.86	3.4	20	---	8.5	---	---	---	---
TF-16	05/04/06	---	33000	---	---	---	52	0.89	10	49	---	<5	---	---	---	---
TF-16	12/08/06	---	3500	---	---	---	28	<0.50	1.5	3	---	<5	---	---	---	---
TF-16	05/04/07	---	13000	---	---	---	520	<2.5	5.4	10	---	<25	---	---	---	---
TF-16	11/15/07	---	5200	---	---	---	450	<0.50	<0.50	<1	---	9.3	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
TF-16	04/17/08	---	4300	---	---	---	570	1.3	3.2	4.1	---	<10	---	---	---	---
TF-16	10/16/08	---	---	---	---	3100	330	<2.5	<2.5	<2.5	<2.5	6.3	<50	<10	<10	<10
TF-16	04/24/09	---	---	---	---	2200	24	<0.50	<0.50	<0.50	<0.50	4.1	11	<2	<2	<2
TF-16	10/26/09	---	---	---	---	960	7.6	<0.50	0.34 J	<0.50	<0.50	3.9	11	<2	<2	0.35 J
TF-16	04/15/10	---	---	---	---	1000	10	<0.50	0.38 J	<0.50	---	3.5	8.2 J	<2	<2	0.42 J
TF-16	04/15/11	---	---	---	---	870	---	---	---	---	---	---	---	---	---	---
TF-16	04/22/11	---	---	---	---	---	40	<0.50	1.1	0.8	<0.50	3.4	11	<2	<2	0.39 J
TF-16	04/19/12	2100	---	---	---	2100	10	<0.50	0.83	0.67 J	<0.50	3.4	17	<2	<2	0.67 J
TF-16	04/11/13	1200 b	---	2500 b	---	---	180	<0.50	1.5	1.08 J	<0.50	4.8	6 J	<2	<2	<2
TF-16	10/08/13	860 b	---	2300 b	---	---	170	<0.50	1.1	0.58	<0.50	4.2	8.5 J	<2	<2	0.64 J
TF-16	04/17/14	6000 b	---	7600 b	---	---	740	3	31	110	<0.50	4.6	8.2 J	<2	<2	0.98 J
TF-17	10/09/13	18000 b	---	32000 b	---	---	33	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
TF-17	04/17/14	8900 b	---	14000 b	---	---	13	<2.5	<2.5	<2.5	<2.5	2.7	<50	<10	<10	<10
TF-17	11/03/14	2900	---	7100	---	---	68	2.3	46	230	<0.50	2.8	<10	<2	<2	<2
TF-18	04/24/17	54000	---	7300	---	---	320	<5	340	530	<5	<10	<100	<20	<20	<20
TF-20R	10/10/17	1300	---	660	---	---	490	<5	<5	<10	<5	<10	<100	<20	<20	<20
TF-20R	04/24/18	900	---	540	---	---	290	<5	<5	<10	<5	<10	<100	<20	<20	<20
TF-21	04/10/03	---	476	---	---	---	267	1.63	8.13	9.83	---	<3	---	---	---	---
TF-21	09/18/03	---	1800	---	---	---	560	<5	5.6	<5	<5	<5	---	---	---	---
TF-21	10/08/03	---	2500	---	---	---	390	<0.60	4.2	<0.60	---	<10	---	---	---	---
TF-21	02/21/04	---	---	---	1500	---	820	<2.5	<2.5	<2.5	---	3.6	---	---	---	---
TF-21	04/21/04	---	2000	---	---	---	550	<1	1.6	<1	---	2.7	---	---	---	---
TF-21	11/04/04	---	860	---	---	---	10	<0.30	<0.30	1.2	---	<5	---	---	---	---
TF-21	05/05/05	---	3600	---	---	---	190	13	45	310	---	<100	---	---	---	---
TF-21	11/05/05	---	2200	---	---	---	140	0.61	3.7	39	---	6.1	---	---	---	---
TF-21	05/03/06	---	3200	---	---	---	140	4.3	3.9	10	---	5.1	---	---	---	---
TF-21	12/06/06	---	1100	---	---	---	44	<0.50	<0.50	5	---	<5	---	---	---	---
TF-21	05/04/07	---	3200	---	---	---	80	0.93	0.86	2.2	---	7.2	---	---	---	---
TF-21	11/16/07	---	790	---	---	---	170	<0.50	<0.50	<1	---	<5	---	---	---	---
TF-21	04/17/08	---	980	---	---	---	190	<0.50	4.4	2.4	---	<5	---	---	---	---
TF-21	10/15/08	---	---	---	---	810	37	<0.50	<0.50	<0.50	<0.50	1	23	<2	<2	<2
TF-21	04/24/09	---	---	---	---	350	40	<0.50	<0.50	<0.50	<0.50	<0.50	18	<2	<2	<2
TF-21	10/26/09	---	---	---	---	960	50	<0.50	0.46 J	<0.50	<0.50	0.74	19	<2	<2	<2
TF-21	04/16/10	---	---	---	---	1100	120	0.37 J	1.1	1.16	---	<0.50	15	<2	<2	<2
TF-21	04/15/11	---	---	---	---	2000	---	---	---	---	---	---	---	---	---	---
TF-21	04/22/11	---	---	---	---	---	160	<0.50	1.4	3.1	<0.50	0.71	20	<2	<2	<2
TF-21	04/20/12	1600	---	---	---	1900	280	0.27 J	1.7	0.88 J	<0.50	0.99	24	<2	<2	<2
TF-21	04/12/13	590 b	---	2700	---	---	130	<0.50	0.5	0.24 J	<0.50	4.1	13	<2	<2	<2
TF-21	10/08/13	810 b	---	2200 b	---	---	320	<0.50	0.59	0.24	<0.50	7.2	17	<2	<2	<2
TF-21	04/17/14	1100 b	---	2000 b	---	---	190	0.26 J	0.83	0.48	<0.50	16	20	<2	<2	<2
TF-21	10/30/14	1500	---	1700	---	---	120	<0.50	1.2	0.54	<0.50	2.2	<10	<2	<2	<2
TF-21	04/29/15	570	---	1700	---	---	16	<1	<1	<2	<1	<4	<20	<4	<4	<4
TF-21	10/11/16	1300	---	7800	---	---	8.5	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-21	04/21/17	420	---	1400	---	---	10	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-21	10/09/17	350	---	1700	---	---	4.3	<0.50	<0.50	<1	<0.50	<1	18	<2	<2	<2
TF-21	04/23/18	180	---	960	---	---	13	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-23	04/24/17	410	---	2900	---	---	2.2	0.62	0.9	2.4	<0.50	1.5	94	<2	<2	<2
TF-24	10/10/13	<100	---	1500 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.4 J	<10	<2	<2	<2
TF-24	04/18/14	<100	---	730 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
TF-24	10/29/14	<100	---	1900	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
TF-24	04/29/15	<100	---	1900	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
TF-24	10/11/16	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	04/21/17	<100	---	1700	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	10/05/17	<100	---	2500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	04/20/18	<100	---	2900 J	---	---	1.7	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
WCW-1	11/25/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	0.6	<5	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-1	07/15/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
WCW-1	01/05/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-1	05/23/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-1	08/25/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	02/02/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
WCW-1	05/06/99	<500	---	<500	---	---	2.1	9.8	0.8	4.4	<1	<0.50	---	---	---	---
WCW-1	08/10/99	<500	---	<1000	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-1	11/18/99	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	02/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	05/19/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	08/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.5	<0.50	---	---	---	---
WCW-1	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	02/05/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	09/18/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-1	10/11/03	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	---	---	---	---
WCW-1	05/06/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	05/03/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-1	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-1	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-1	04/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-1	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	11/25/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<1.7	<5	---	---	---	---
WCW-2	07/08/97	<100	---	<500	---	---	<0.50	3.5	1.4	7.4	0.57	<5	---	---	---	---
WCW-2	01/05/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	1	<0.50	---	---	---	---
WCW-2	05/19/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-2	08/25/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	02/02/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
WCW-2	05/06/99	<500	---	<500	---	---	<0.50	0.8	<0.50	<0.50	<1	<0.50	---	---	---	---
WCW-2	08/10/99	<500	---	<1000	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-2	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	02/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2	<0.50	---	---	---	---
WCW-2	05/18/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	08/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---
WCW-2	11/30/00	<300	<100	---	---	---	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	02/05/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	09/18/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-2	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	10/11/03	<100	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	11/03/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	11/05/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-2	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	12/05/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	05/01/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	10/17/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/26/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	05/24/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/07/10	<100	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
WCW-2	04/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/13/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/08/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/18/17	<50	---	230	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	11/25/96	120	---	<500	<500	---	<0.70	<0.50	<0.50	<1.5	190	<5	---	---	---	---
WCW-3	07/15/97	100	---	<500	---	---	<0.50	<0.50	<0.50	<1	190	<5	---	---	---	---
WCW-3	01/05/98	<500	---	200	<100	---	<0.50	<0.50	<0.50	<1	220	<0.50	---	---	---	---
WCW-3	05/23/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	201	<0.50	---	---	---	---
WCW-3	08/26/98	<300	304	---	---	---	<2.5	<2.5	<2.5	<2.5	200	<2.5	---	---	---	---
WCW-3	11/03/98	<300	228	---	---	---	<0.50	<0.50	<0.50	<0.50	190	<0.50	---	---	---	---
WCW-3	02/03/99	<1000	---	<500	---	---	<1	<1	<1	<2	200	<1	---	---	---	---
WCW-3	05/06/99	<500	---	<500	---	---	<0.50	1.3	<0.50	<0.50	<1	1.1	---	---	---	---
WCW-3	08/10/99	<500	---	<1000	---	---	<0.50	<1	<1	<1	130	1.8	---	---	---	---
WCW-3	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	100	3.3	---	---	---	---
WCW-3	02/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	100	<0.50	---	---	---	---
WCW-3	05/18/00	<300	110	---	---	---	<0.50	<0.50	<0.50	<0.50	92	1	---	---	---	---
WCW-3	08/28/00	<300	200	---	---	---	<0.50	<0.50	<0.50	<0.50	90	0.7	---	---	---	---
WCW-3	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	68	<0.50	---	---	---	---
WCW-3	02/05/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	81	<0.50	---	---	---	---
WCW-3	05/09/01	<300	120	---	---	---	<0.50	<0.50	<0.50	<0.50	63	<0.50	---	---	---	---
WCW-3	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	69	<0.50	---	---	---	---
WCW-3	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	51	<0.50	---	---	---	---
WCW-3	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	34	<0.50	---	---	---	---
WCW-3	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	29	<0.50	---	---	---	---
WCW-3	07/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	47	0.55	---	---	---	---
WCW-3	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	39	<1	---	---	---	---
WCW-3	01/28/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	44	<0.50	---	---	---	---
WCW-3	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	34	<0.50	---	---	---	---
WCW-3	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	<0.50	---	---	---	---
WCW-3	10/11/03	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	22	<0.50	---	---	---	---
WCW-3	01/28/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	43	<0.50	---	---	---	---
WCW-3	05/10/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	33	<0.50	---	---	---	---
WCW-3	07/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	46	<0.50	---	---	---	---
WCW-3	11/03/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	33	<0.50	<10	<2	<2	<2
WCW-3	02/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	39	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-3	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	31	<0.50	---	---	---	---
WCW-3	08/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	26	<0.50	---	---	---	---
WCW-3	11/05/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	19	<0.50	<10	<2	<2	<2
WCW-3	02/28/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	8.8	<0.50	---	---	---	---
WCW-3	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	10	<0.50	---	---	---	---
WCW-3	09/20/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	<0.50	---	---	---	---
WCW-3	12/05/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	6.6	<0.50	<10	<2	<2	<2
WCW-3	03/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-3	05/01/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-3	08/28/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-3	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-3	02/21/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-3	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-3	08/13/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.6	<0.50	---	---	---	---
WCW-3	10/17/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<2	<2	<2
WCW-3	02/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
WCW-3	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	07/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	<10	<1	<1	<1
WCW-3	10/26/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4	<0.50	<10	0.44 J	<2	<2
WCW-3	03/15/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.5	<0.50	<10	<1	<1	<1
WCW-3	05/24/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	<0.50	<10	<1	<1	<1
WCW-3	07/12/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.4	<0.50	<10	<1	<1	<1
WCW-3	10/08/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	<0.50	<10	<1	<1	<1
WCW-3	01/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.3	<0.50	<10	<1	<1	<1
WCW-3	04/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.1	<0.50	<10	<1	<1	<1
WCW-3	07/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.5	<0.50	<10	<1	<1	<1
WCW-3	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.4	<0.50	<10	<1	<1	<1
WCW-3	01/09/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.3	<0.50	<10	<1	<1	<1
WCW-3	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	3.2	<0.50	<10	<1	<1	<1
WCW-3	07/09/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.2	<0.50	<10	<1	<1	<1
WCW-3	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	<10	<1	<1	<1
WCW-3	01/14/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	<1	<1	<1
WCW-3	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	4.1	<0.50	<10	<1	<1	<1
WCW-3	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1	<1	<1
WCW-3	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.88	<0.50	<10	<1	<1	<1
WCW-3	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.84	<0.50	<10	<1	<1	<1
WCW-3	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.74	<0.50	<10	<1	<1	<1
WCW-3	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.5	<0.50	<10	<1	<1	<1
WCW-3	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	11/22/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-4	07/08/97	<100	---	<500	---	---	0.5	0.78	<0.50	<1	<0.50	<5	---	---	---	---
WCW-4	01/05/98	<500	---	<100	300	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-4	05/19/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-4	11/03/98	<300	475	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	05/06/99	<500	---	<500	---	---	2.1	7.7	0.62	3.4	<1	<0.50	---	---	---	---
WCW-4	11/17/99	<300	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	05/18/00	<300	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	11/30/00	<300	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-4	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	10/11/03	<100	280	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	05/10/04	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	11/03/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-4	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	11/05/05	<100	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-4	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	12/05/06	<100	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-4	05/01/07	<50	250	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.72	<10	<2	<2	<2
WCW-4	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.61	---	---	---	---
WCW-4	10/17/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.65	<10	<2	<2	<2
WCW-4	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<1	<1	<1
WCW-4	10/26/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.64	<10	<2	<2	<2
WCW-4	05/27/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/07/10	<100	---	---	---	130	<0.50	---	---	---	<0.50	0.89	<10	---	---	---
WCW-4	04/13/11	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	<10	<1	<1	<1
WCW-4	10/14/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	<10	<2	<2	<2
WCW-4	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<1	<1	<1
WCW-4	10/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<10	<2	<2	<2
WCW-4	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/14/16	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	11/22/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-5	07/08/97	<100	---	<500	---	---	<0.50	7.7	<0.50	1.4	<0.50	<5	---	---	---	---
WCW-5	01/05/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	0.7	<0.50	---	---	---	---
WCW-5	05/19/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-5	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	05/05/99	<500	---	<500	---	---	10	43	3.8	21	<1	<0.50	---	---	---	---
WCW-5	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	05/16/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-5	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	10/11/03	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	05/10/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	11/03/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	05/06/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	11/05/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	12/05/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	05/01/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	10/17/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)

Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-5	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/26/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/07/10	<100	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
WCW-5	04/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/14/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/08/13	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	11/22/96	230	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	220	24	---	---	---	---
WCW-6	07/15/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	65	10	---	---	---	---
WCW-6	01/05/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	159	3	---	---	---	---
WCW-6	05/26/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	83	2	---	---	---	---
WCW-6	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	46	1.8	---	---	---	---
WCW-6	05/06/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	53	0.68	---	---	---	---
WCW-6	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	11	<0.50	---	---	---	---
WCW-6	05/16/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	0.7	---	---	---	---
WCW-6	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.7	<0.50	---	---	---	---
WCW-6	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	5.7	<0.50	---	---	---	---
WCW-6	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.7	<0.50	---	---	---	---
WCW-6	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	---	---	---	---
WCW-6	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-6	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	---	---	---	---
WCW-6	10/11/03	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.93	<0.50	---	---	---	---
WCW-6	05/10/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.64	<0.50	---	---	---	---
WCW-6	11/03/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-6	11/05/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<2	<2	<2
WCW-6	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-6	12/05/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	05/02/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-6	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-6	10/17/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/26/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	05/24/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/07/10	<100	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
WCW-6	04/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.69	<0.50	<10	<1	<1	<1
WCW-6	10/13/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.28	<0.50	<10	<2	<2	<2
WCW-6	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-6	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-7	11/22/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	31	<5	---	---	---	---
WCW-7	07/15/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
WCW-7	01/05/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	30	<0.50	---	---	---	---
WCW-7	05/23/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	30	<0.50	---	---	---	---
WCW-7	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	35	<0.50	---	---	---	---
WCW-7	05/06/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	45	<0.50	---	---	---	---
WCW-7	11/18/99	<300	190	---	---	---	<0.50	<1	<0.50	0.6	62	1.3	---	---	---	---
WCW-7	05/16/00	<300	420	---	---	---	<0.50	<0.50	<0.50	<0.50	120	6.4	---	---	---	---
WCW-7	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	83	6	---	---	---	---
WCW-7	02/05/01	<300	230	---	---	---	<0.50	<0.50	<0.50	<0.50	95	6.1	---	---	---	---
WCW-7	05/10/01	<300	180	---	---	---	<0.50	<0.50	<0.50	<0.50	91	9.3	---	---	---	---
WCW-7	09/18/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	140	12	---	---	---	---
WCW-7	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	91	11	---	---	---	---
WCW-7	01/30/02	<300	110	---	---	---	<0.50	<0.50	<0.50	<0.50	84	8.8	---	---	---	---
WCW-7	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	66	8.4	---	---	---	---
WCW-7	07/30/02	<300	260	---	---	---	<0.50	<0.50	<0.50	<0.50	74	8.6	---	---	---	---
WCW-7	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	78	9.3	---	---	---	---
WCW-7	01/28/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	80	7.3	---	---	---	---
WCW-7	04/10/03	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	69	6.8	---	---	---	---
WCW-7	07/30/03	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	69	7.6	---	---	---	---
WCW-7	10/11/03	<100	260	---	---	---	<0.50	<0.50	<0.50	<0.50	84	9.4	---	---	---	---
WCW-7	01/28/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	100	10	---	---	---	---
WCW-7	05/10/04	<100	170	---	---	---	<0.50	<0.50	<0.50	<0.50	73	6.7	---	---	---	---
WCW-7	07/20/04	140	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	110	9	---	---	---	---
WCW-7	11/03/04	<100	330	---	---	---	<0.50	<0.50	<0.50	<0.50	84	11	51	29	<2	<2
WCW-7	02/03/05	72	110	---	---	---	<0.50	<0.50	<0.50	<0.50	91	8.8	---	---	---	---
WCW-7	05/05/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	83	6.9	---	---	---	---
WCW-7	08/03/05	53	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	49	14	---	---	---	---
WCW-7	11/05/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	14	6.7	<10	2.2	<2	<2
WCW-7	02/28/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	0.84	---	---	---	---
WCW-7	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	6	2.5	---	---	---	---
WCW-7	09/20/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	33	7.2	---	---	---	---
WCW-7	12/05/06	<100	210	---	---	---	<0.50	<0.50	<0.50	<0.50	36	8	<10	4.8	<2	<2
WCW-7	03/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	32	5.4	---	---	---	---
WCW-7	05/02/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	49	6.4	---	---	---	---
WCW-7	08/28/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	56	7.1	---	---	---	---
WCW-7	11/14/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	50	6.5	<10	9.2	<2	<2
WCW-7	02/21/08	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	43	5.9	---	---	---	---
WCW-7	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	54	5.9	---	---	---	---
WCW-7	08/13/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	55	5.3	---	---	---	---
WCW-7	10/17/08	<100	---	---	---	100	<0.50	<0.50	<0.50	<0.50	45	5.4	<10	12	<2	<2
WCW-7	02/24/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	40	2.4	<10	---	---	---
WCW-7	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	40	2.8	<10	6.6	<1	<1
WCW-7	07/21/09	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	31	1.9	<10	5.6	<1	<1
WCW-7	10/26/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	40	1.8	<10	3.7	<2	<2
WCW-7	03/15/10	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	30	1.8	<10	4	<1	<1
WCW-7	05/27/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	1.2	<10	3.3	<1	<1
WCW-7	07/13/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	20	1.6	<10	3.4	<1	<1
WCW-7	10/07/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	26	1.7	<10	3.9	<1	<1

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-7	01/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	25	1.4	<10	3.3	<1	<1
WCW-7	04/13/11	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	23	1.4	<10	3.9	<1	<1
WCW-7	07/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	21	1.2	<10	2.6	<1	<1
WCW-7	10/12/11	<500	120	---	---	---	<0.50	<0.50	<0.50	<0.50	21	1	<10	2.2	<1	<1
WCW-7	01/09/12	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	1.1	<10	2.1	<1	<1
WCW-7	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	18	0.98	<10	2.2	<1	<1
WCW-7	07/10/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	16	0.84	<10	2.1	<1	<1
WCW-7	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	9.2	0.56	<10	1.5	<1	<1
WCW-7	01/14/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	18	1.2	<10	1.8	<1	<1
WCW-7	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	19	0.61	<10	1.3	<1	<1
WCW-7	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	11	0.6	<10	1.4	<1	<1
WCW-7	04/17/14	61	---	64	---	---	<0.50	<0.50	<0.50	<0.50	7.4	0.73	<10	1.7	<1	<1
WCW-7	10/28/14	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7.5	0.51	<10	1.2	<1	<1
WCW-7	04/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	5.6	<0.50	<10	1.1	<1	<1
WCW-7	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	6.2	0.74	<10	1.9	<1	<1
WCW-7	04/14/16	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7.7	0.82	<10	2.2	<1	<1
WCW-7	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-7	10/06/17	<50	---	120	---	---	1.2	<0.50	<0.50	<0.50	4.8	<0.50	<10	1.2	<1	<1
WCW-7	04/17/18	<50	---	86	---	---	<0.50	<0.50	<0.50	<0.50	5.2	<0.50	<10	<1	<1	<1
WCW-8	11/22/96	84	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	0.5	<5	---	---	---	---
WCW-8	07/15/97	<100	---	1700	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
WCW-8	01/05/98	<500	---	<100	1300	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-8	05/26/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-8	11/03/98	<300	2590	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	05/06/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
WCW-8	11/18/99	<300	1100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	05/16/00	<300	1500	---	---	---	<0.50	<0.50	<0.50	<0.50	1.8	120	---	---	---	---
WCW-8	08/28/00	<300	1100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.7	<0.50	---	---	---	---
WCW-8	11/30/00	<300	790	---	---	---	0.9	<0.50	<0.50	0.8	<0.50	<0.50	---	---	---	---
WCW-8	02/05/01	<300	940	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	05/09/01	<300	520	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	09/18/01	<300	380	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	11/08/01	<300	220	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	01/30/02	<300	530	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	04/11/02	<300	470	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	10/24/02	<300	360	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-8	04/10/03	61	270	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	10/11/03	<100	430	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	05/10/04	55	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	11/03/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	05/05/05	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	11/05/05	<100	210	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	05/05/06	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	12/05/06	<100	450	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	05/02/07	<50	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	11/14/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.6	---	---	---	---
WCW-8	10/17/08	<100	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
WCW-8	04/21/09	<50	210	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<1	<1	<1
WCW-8	10/26/09	<100	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
WCW-8	05/27/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/07/10	<100	---	---	---	---	200	<0.50	---	---	<0.50	0.9	3.7 J	---	---	---
WCW-8	04/13/11	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.96	<10	<1	<1	<1
WCW-8	10/14/11	---	---	---	---	---	170	<0.50	<0.50	<0.50	<0.50	0.92	<10	<2	<2	<2
WCW-8	04/19/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.89	<10	<1	<1	<1
WCW-8	10/18/12	---	---	---	---	---	130	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-8	04/11/13	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
WCW-8	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-9	11/22/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-9	07/08/97	<100	---	<500	---	---	<0.50	1.1	<0.50	1.1	<0.50	<5	---	---	---	---
WCW-9	01/05/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-9	05/19/98	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-9	11/03/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	05/06/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
WCW-9	11/18/99	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	05/16/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	11/30/00	<300	<100	---	---	---	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-10	11/25/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-10	07/08/97	<100	---	<500	---	---	<0.50	2.2	<0.50	<1	<0.50	<5	---	---	---	---
WCW-10	01/05/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-10	05/19/98	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-10	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-10	05/05/99	<500	---	<500	---	---	<0.50	0.8	<0.50	<0.50	<1	<0.50	---	---	---	---
WCW-10	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	0.8	<0.50	<0.50	---	---	---	---
WCW-10	05/19/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-10	11/30/00	<300	<100	---	---	---	1	<0.50	<0.50	0.7	<0.50	<0.50	---	---	---	---
WCW-10	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-10	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-10	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	11/25/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-11	07/08/97	<100	---	<500	---	---	<0.50	2.5	<0.50	<1	<0.50	<5	---	---	---	---
WCW-11	01/05/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-11	05/18/98	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-11	11/03/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	05/06/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
WCW-11	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	05/18/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	11/30/00	<300	<100	---	---	---	0.8	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/25/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-12	07/09/97	<100	---	<500	---	---	<0.50	2.5	<0.50	<1	<0.50	<5	---	---	---	---
WCW-12	01/05/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-12	05/18/98	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-12	11/03/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	05/06/99	<500	---	<500	---	---	<1	5.3	<0.50	2.3	<1	<0.50	---	---	---	---
WCW-12	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	05/18/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-12	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-12	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	05/10/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/03/04	<100	3600	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	03/02/05	<100	<100	---	---	---	<0.50	<1	<1	<1	---	<1	---	---	---	---
WCW-12	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/05/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	12/08/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	05/01/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	10/17/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/27/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	05/24/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/07/10	<100	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
WCW-12	04/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/14/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/08/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	11/25/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-13	07/09/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
WCW-13	01/05/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-13	05/18/98	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.4	---	---	---	---
WCW-13	11/03/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/06/99	<500	---	<500	---	---	0.88	3.1	<0.50	0.87	<1	<0.50	---	---	---	---
WCW-13	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/18/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.8	<0.50	---	---	---	---
WCW-13	08/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	11/30/00	<300	<100	---	---	---	0.6	<0.50	<0.50	<0.50	1	<0.50	---	---	---	---
WCW-13	02/05/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---
WCW-13	09/18/01	<300	<100	---	---	---	1	<0.50	<0.50	<0.50	1	<0.50	---	---	---	---
WCW-13	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	07/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-13	01/28/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-13	01/28/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/10/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	07/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	11/03/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	02/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	08/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	11/05/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	02/28/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	09/20/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	12/08/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	03/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/01/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	08/28/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	02/21/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	08/13/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	10/17/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	02/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	07/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/27/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	03/15/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	05/24/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	07/12/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/08/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	01/10/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	07/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	01/09/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	07/09/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	01/14/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/09/13	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/18/17	<50	---	450	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	11/03/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	<0.50	---	---	---	---
WCW-14	05/06/99	<500	---	<500	---	---	1.8	6.6	0.55	3	<1	<0.50	---	---	---	---
WCW-14	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	05/18/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through April 2018

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-14	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-14	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	05/10/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	11/03/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	11/05/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	12/08/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	05/01/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	10/17/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/27/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/07/10	<100	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
WCW-14	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/14/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/08/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

Notes:

* This analyte was analyzed separately in order to achieve lower reporting limits for the other analytes.

µg/L = micrograms per liter

--- = not analyzed

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

1,2-DCA = 1,2-dichloroethane

b = Chromatographic pattern was inconsistent with the profile of the reference fuel standard.

DIPE = di-isopropyl ether

ETBE = ethyl tertiary butyl ether

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

MTBE = methyl tertiary butyl ether

TAME = tertiary amyl methyl ether

TBA = tertiary butyl alcohol

TPH-d = total extractable petroleum hydrocarbons quantified using a diesel standard

TPH-g = total purgeable petroleum hydrocarbons quantified using a gasoline standard

TPH-fp = total extractable petroleum hydrocarbons quantified using a site fuel product standard

TPH-jp₄ = total extractable petroleum hydrocarbons quantified as Jet Propellant 4

TPH-jp₅ = total extractable petroleum hydrocarbons quantified as Jet Propellant 5

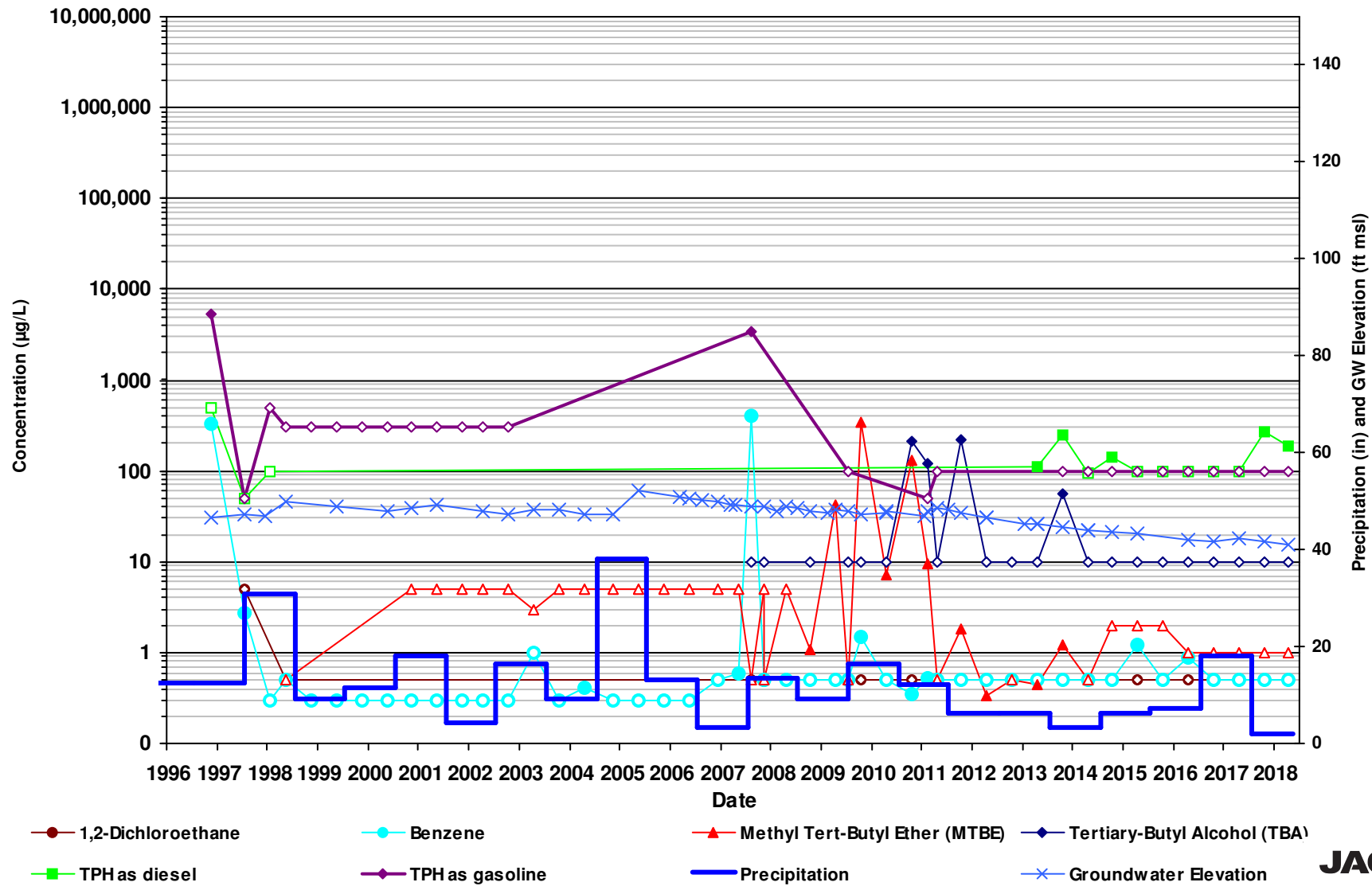
Xylenes = total of m,p-xylene and o-xylene when detected

Appendix E

Time Series Charts

**Former Tank Farm Area
GMW-6, GMW-15, GMW-32R, GMW-45,
GMW-47, MW-23 (MID), MW-26**

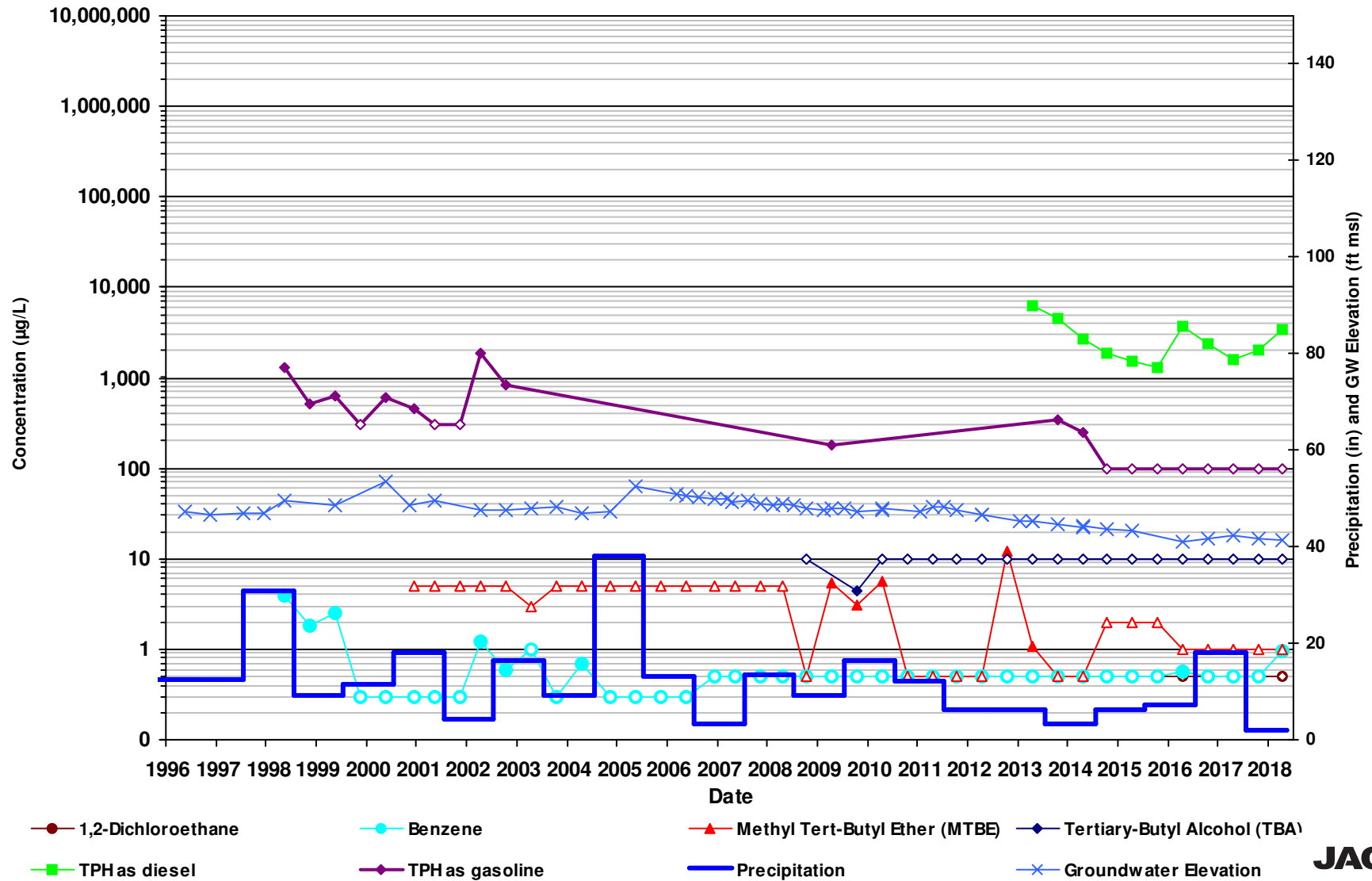
GMW-6



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: <https://cimis.water.ca.gov/>

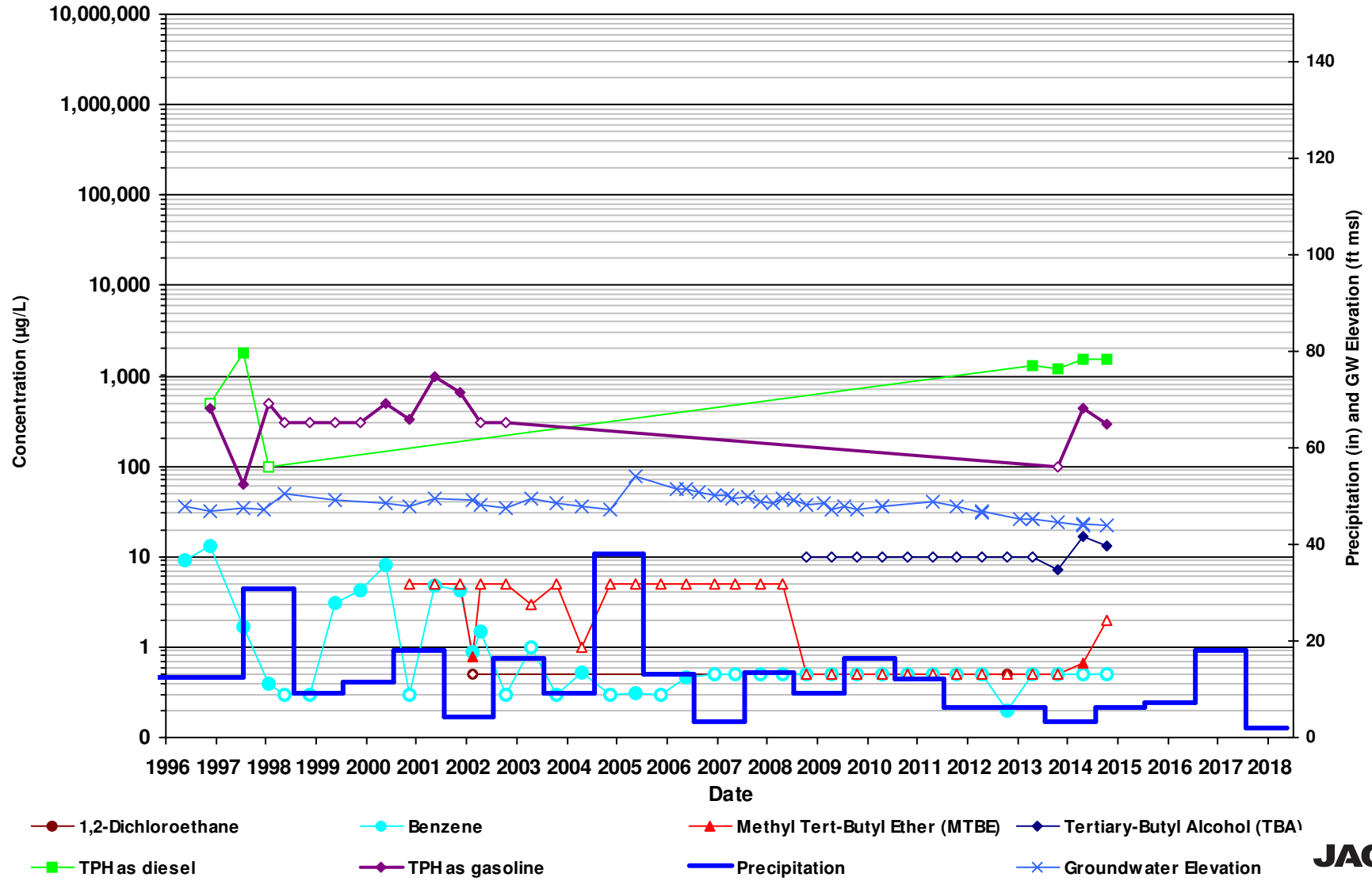
GMW-15



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: <https://cimis.water.ca.gov/>

GMW-32R



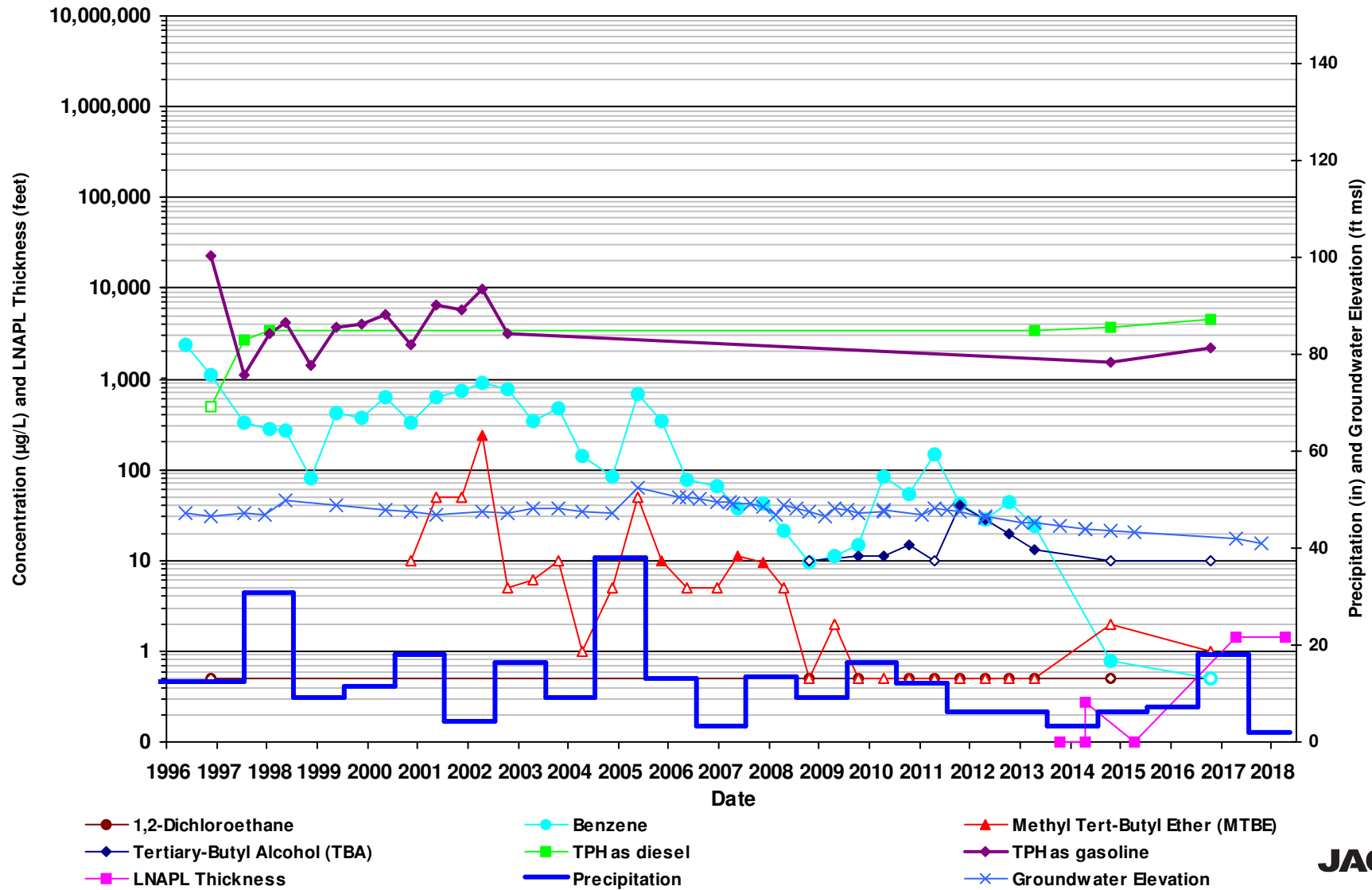
Well formerly known as GWR-32.

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: <https://cimis.water.ca.gov/>

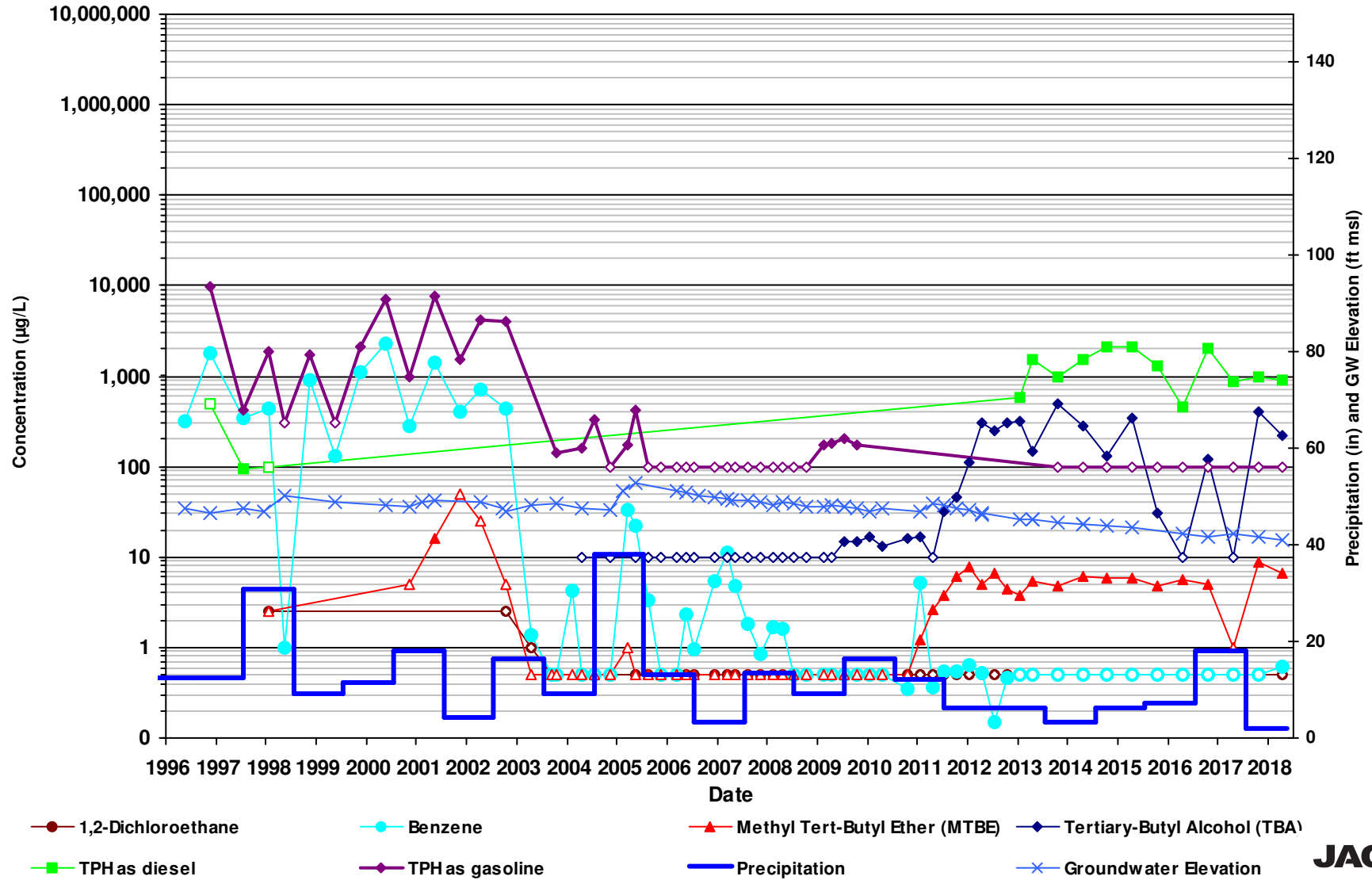
GMW-45



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:<https://cimis.water.ca.gov/>

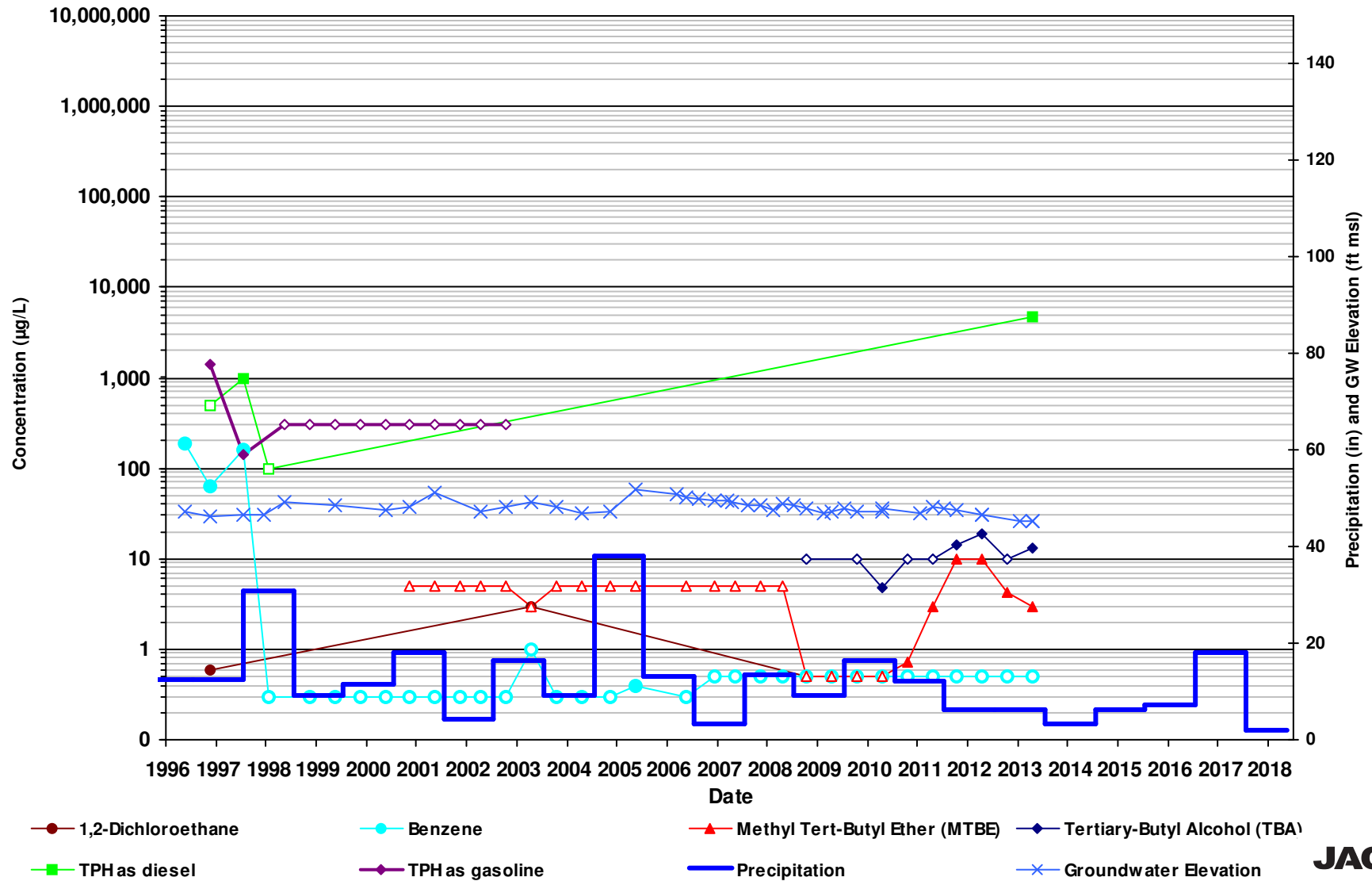
GMW-47



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: <https://cimis.water.ca.gov/>

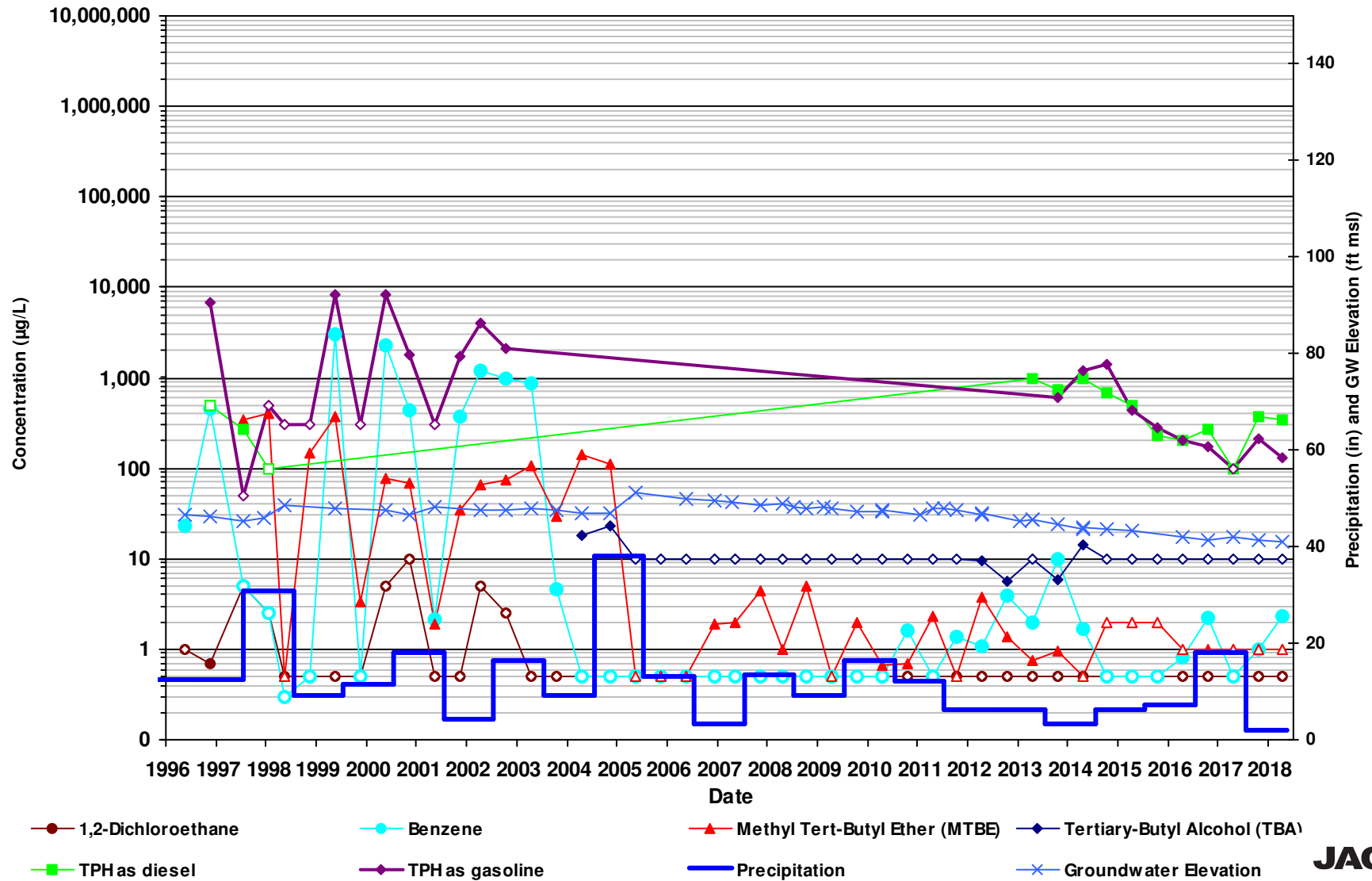
MW-23 (MID)



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: <https://cimis.water.ca.gov/>

MW-26

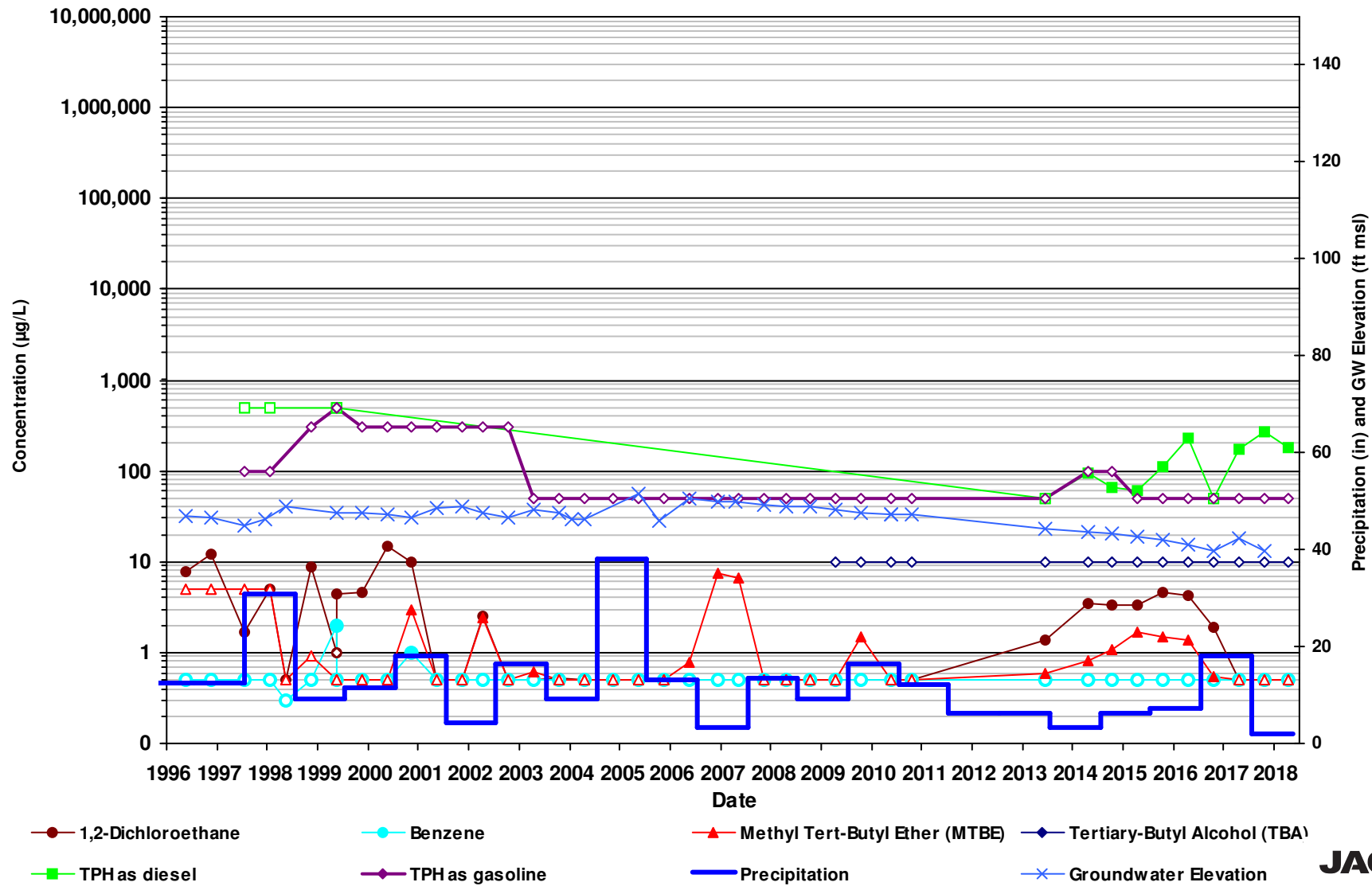


Non detect results (ND) are plotted with an open symbol using the laboratory reporting limit.

Precipitation data reported as annual rainfall which is calculated from Long Beach CIMIS #174 weather station. source: <https://cimis.water.ca.gov/>

Western Area
GMW-8, GW-2, GW-6, GW-13,
MW-6, MW-7, MW-20 (MID), MW-22 (MID),
WCW-3, WCW-7

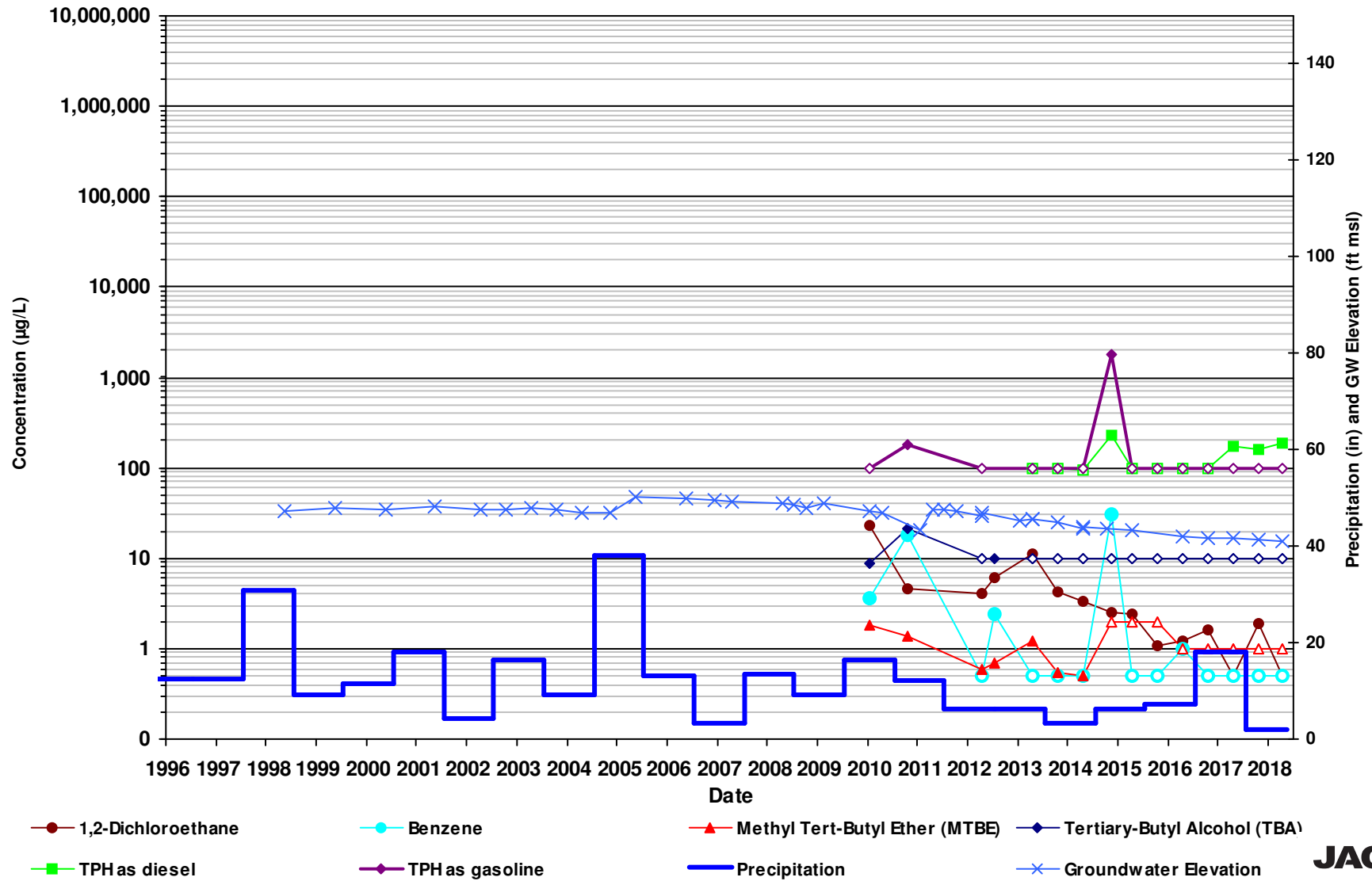
GMW-8



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: <https://cimis.water.ca.gov/>

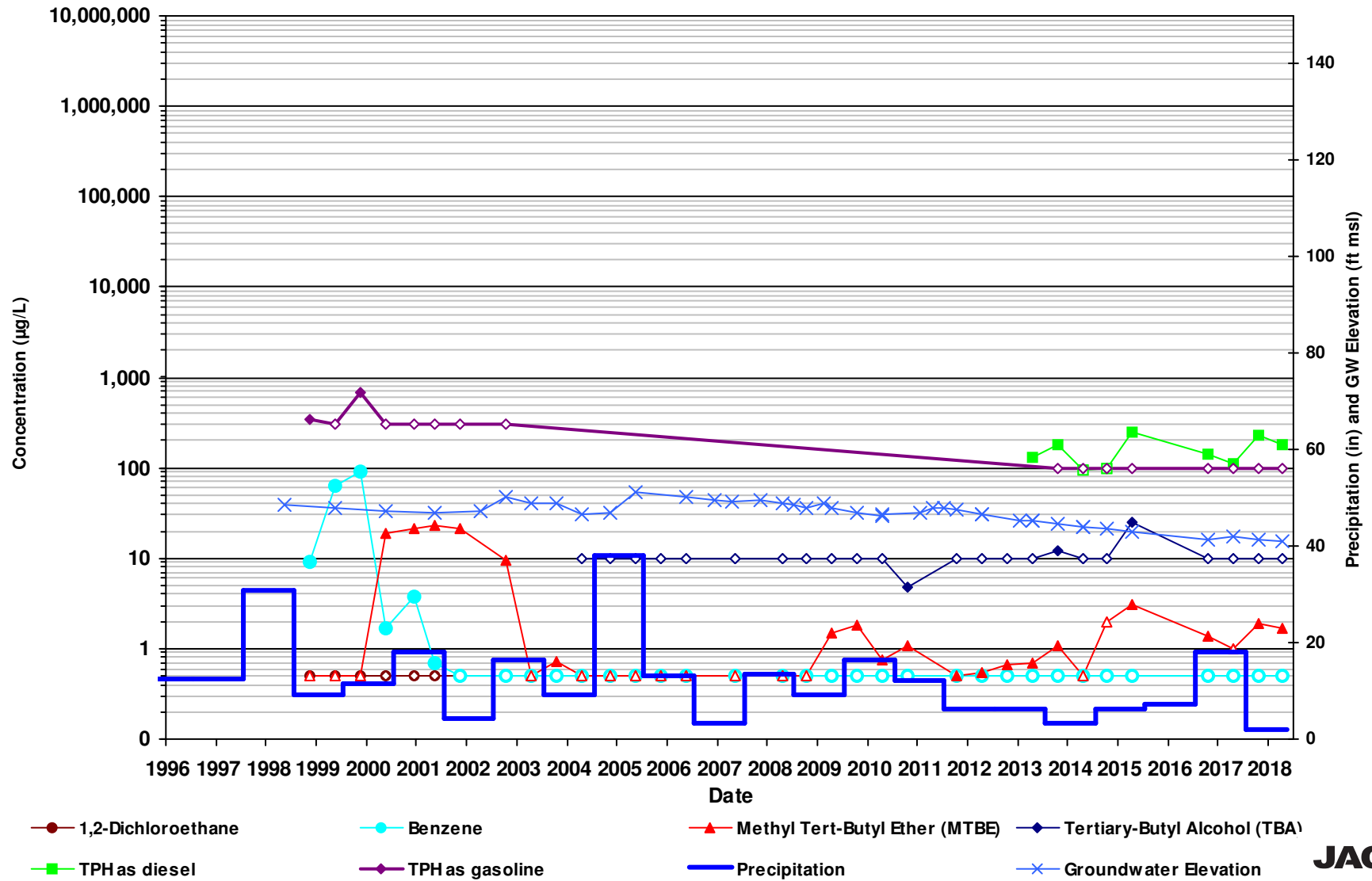
GW-2



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: <https://cimis.water.ca.gov/>

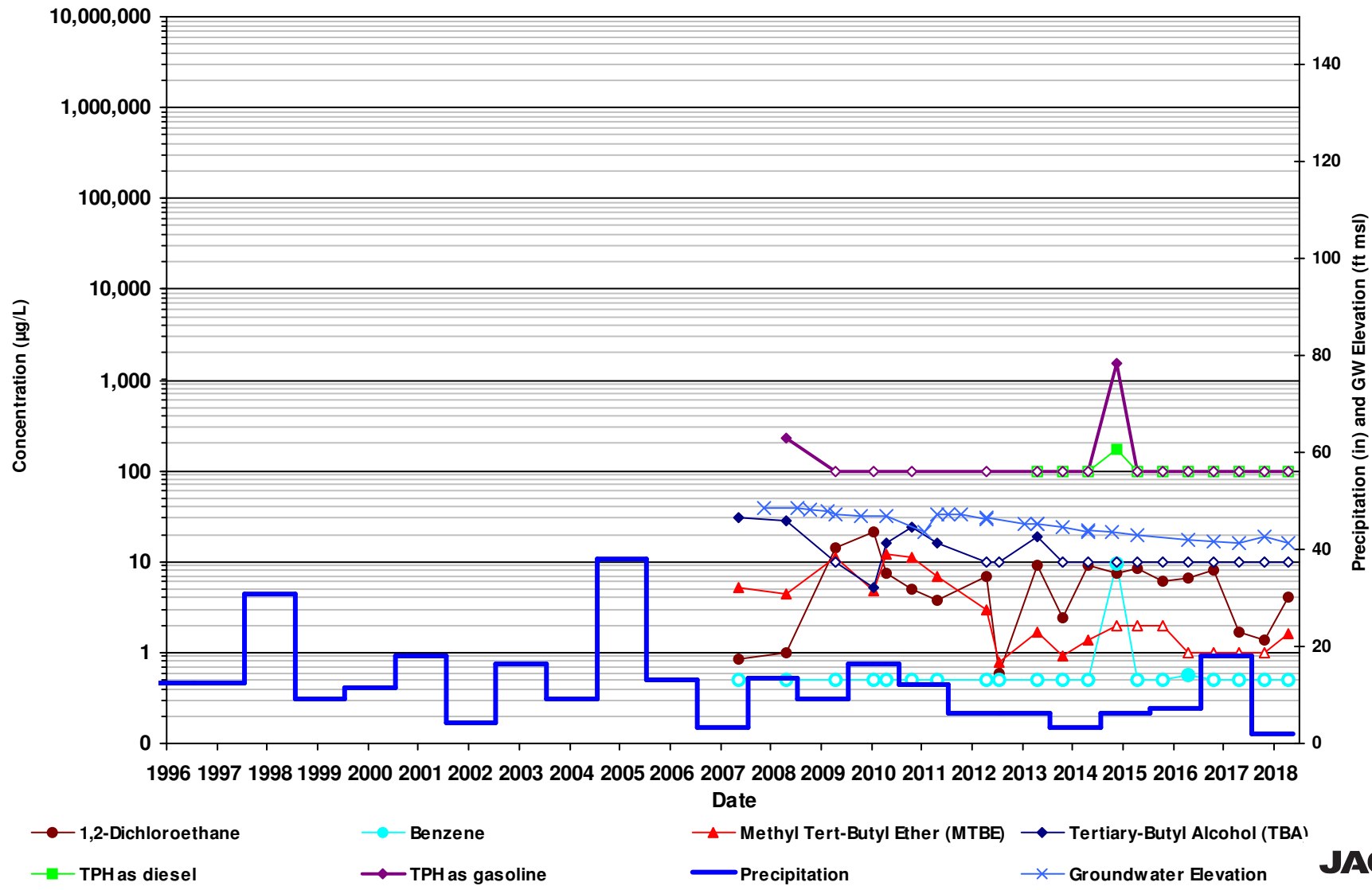
GW-6



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: <https://cimis.water.ca.gov/>

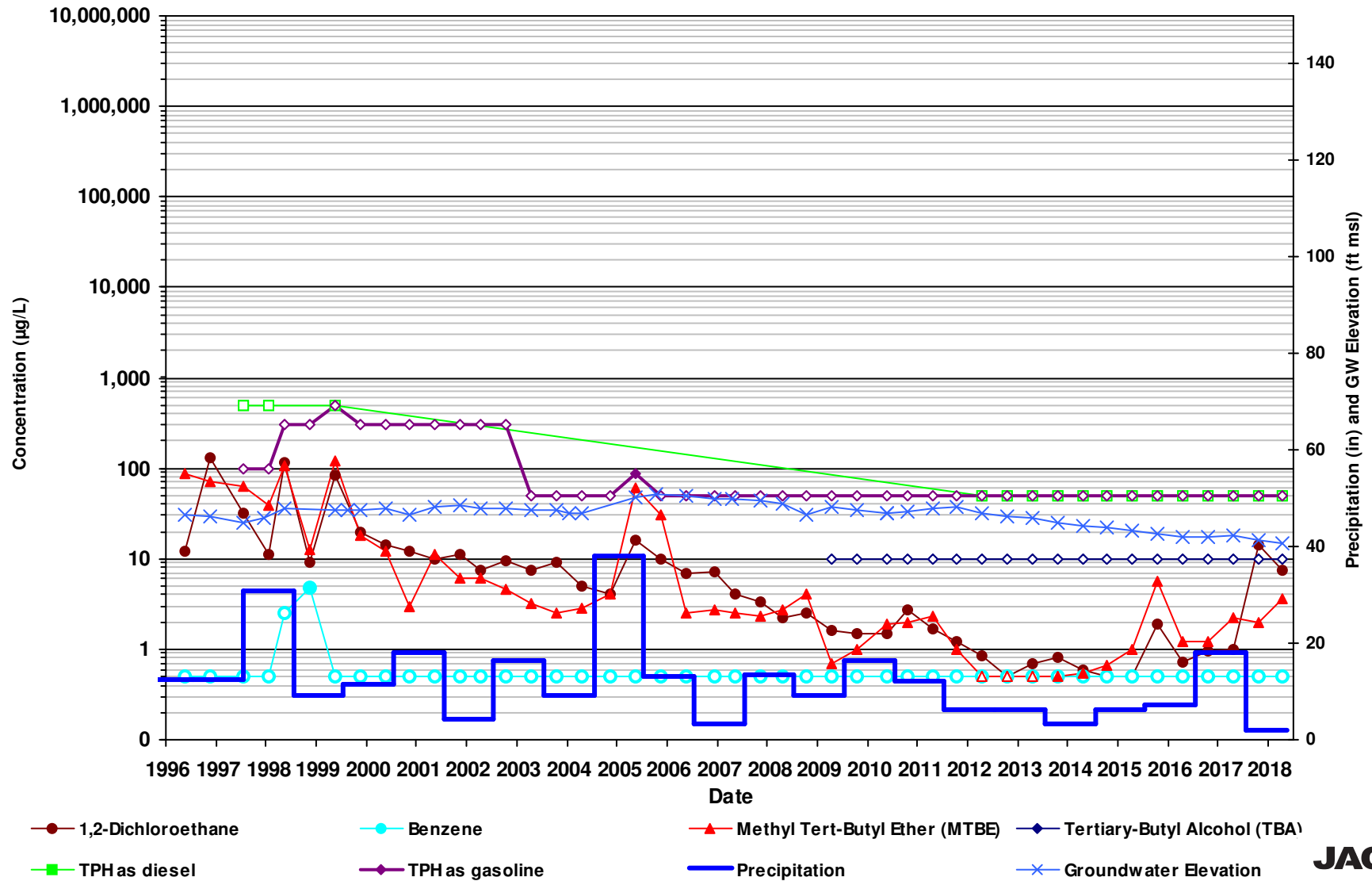
GW-13(6")



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: <https://cimis.water.ca.gov/>

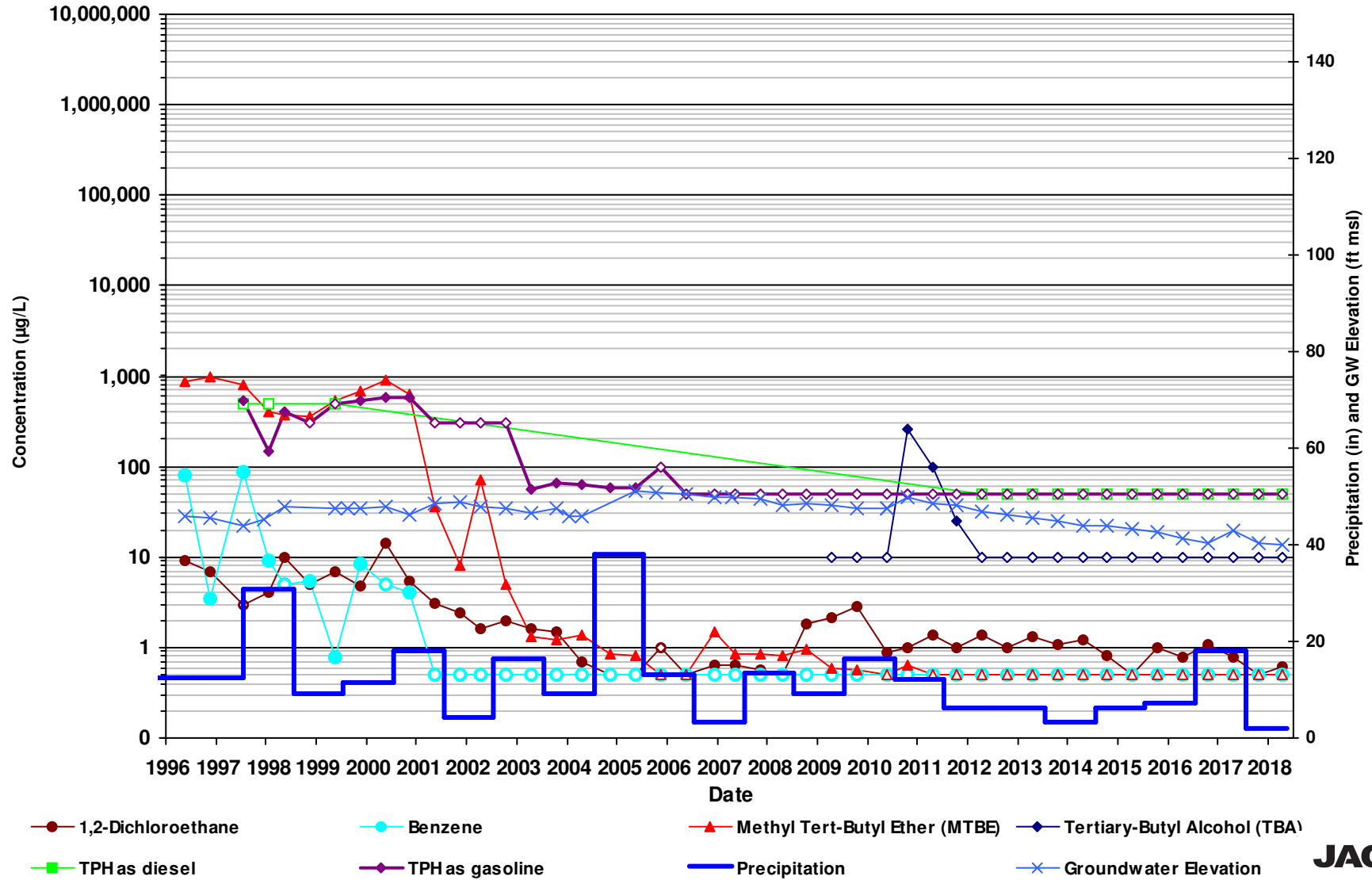
MW-6



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: <https://cimis.water.ca.gov/>

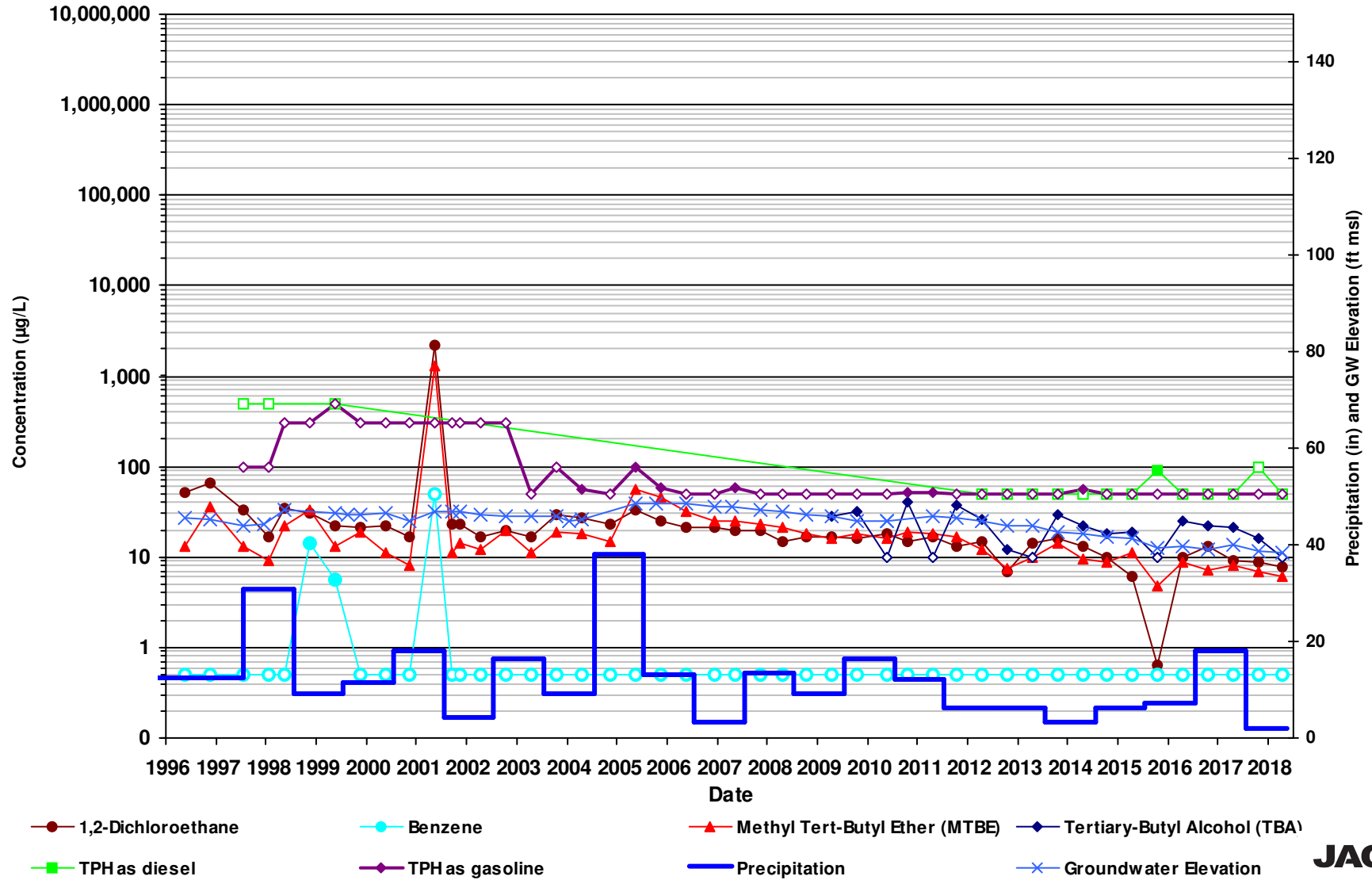
MW-7



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: <https://cimis.water.ca.gov/>

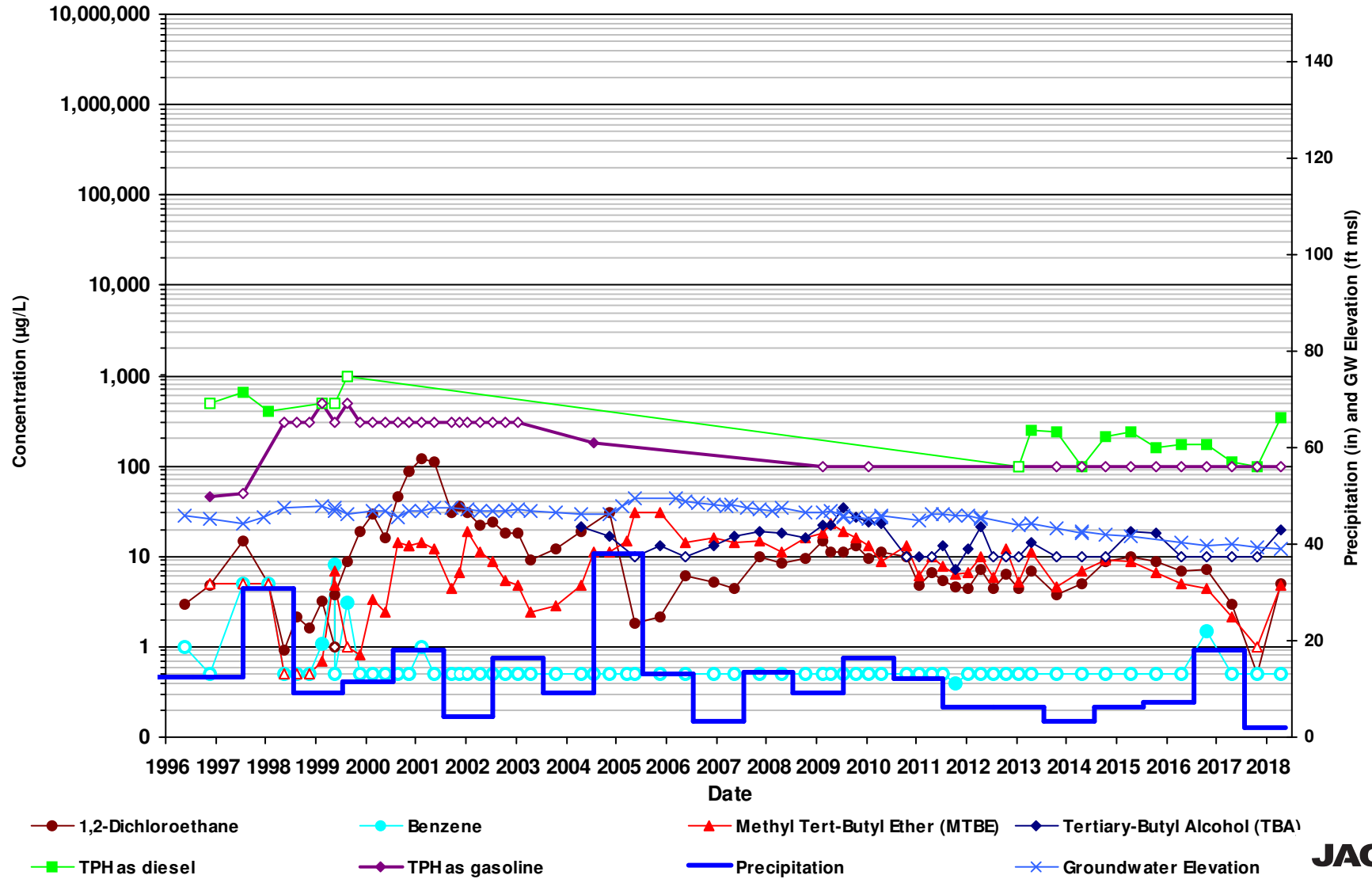
MW-20 (MID)



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: <https://cimis.water.ca.gov/>

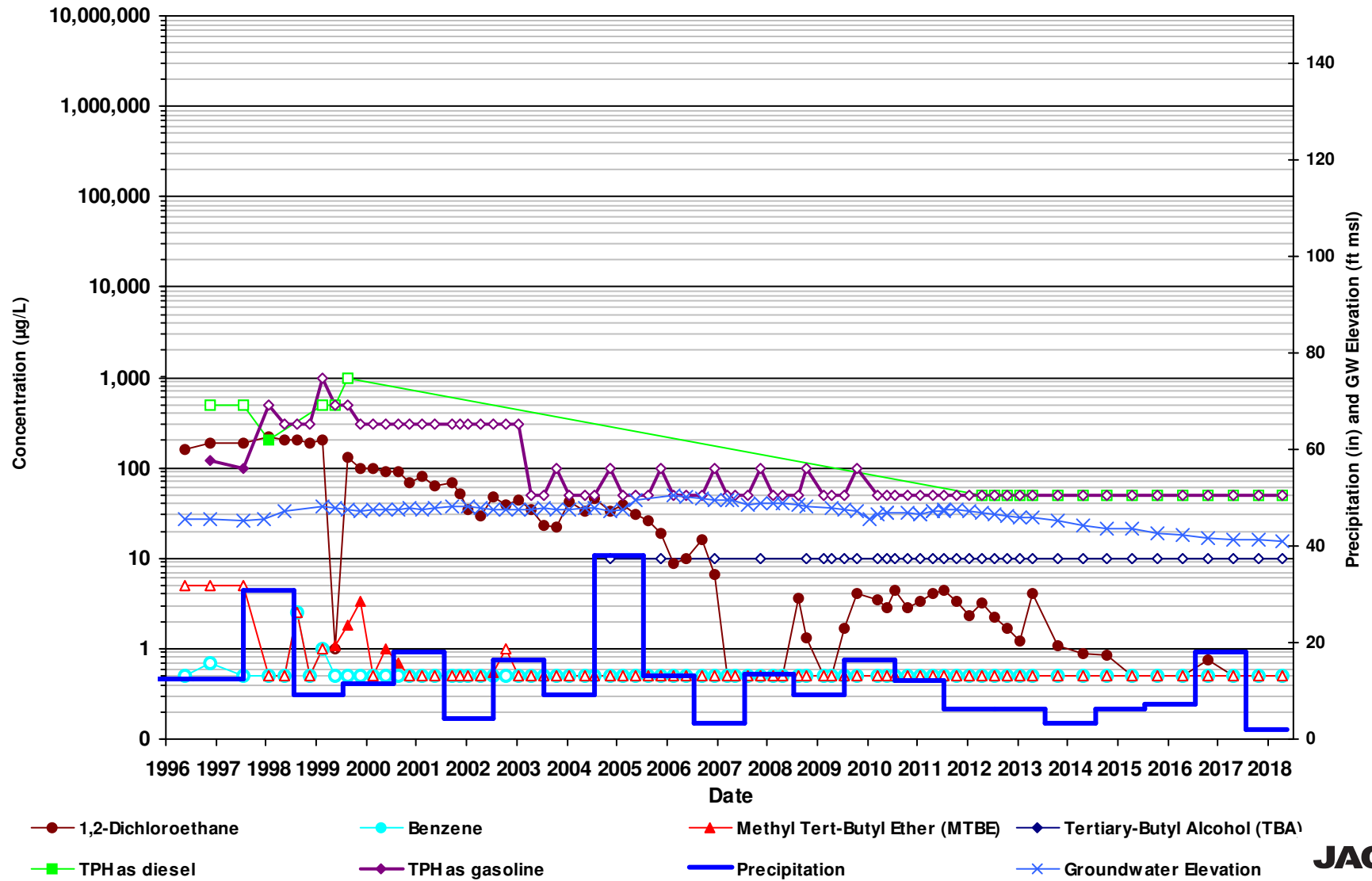
MW-22 (MID)



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: <https://cimis.water.ca.gov/>

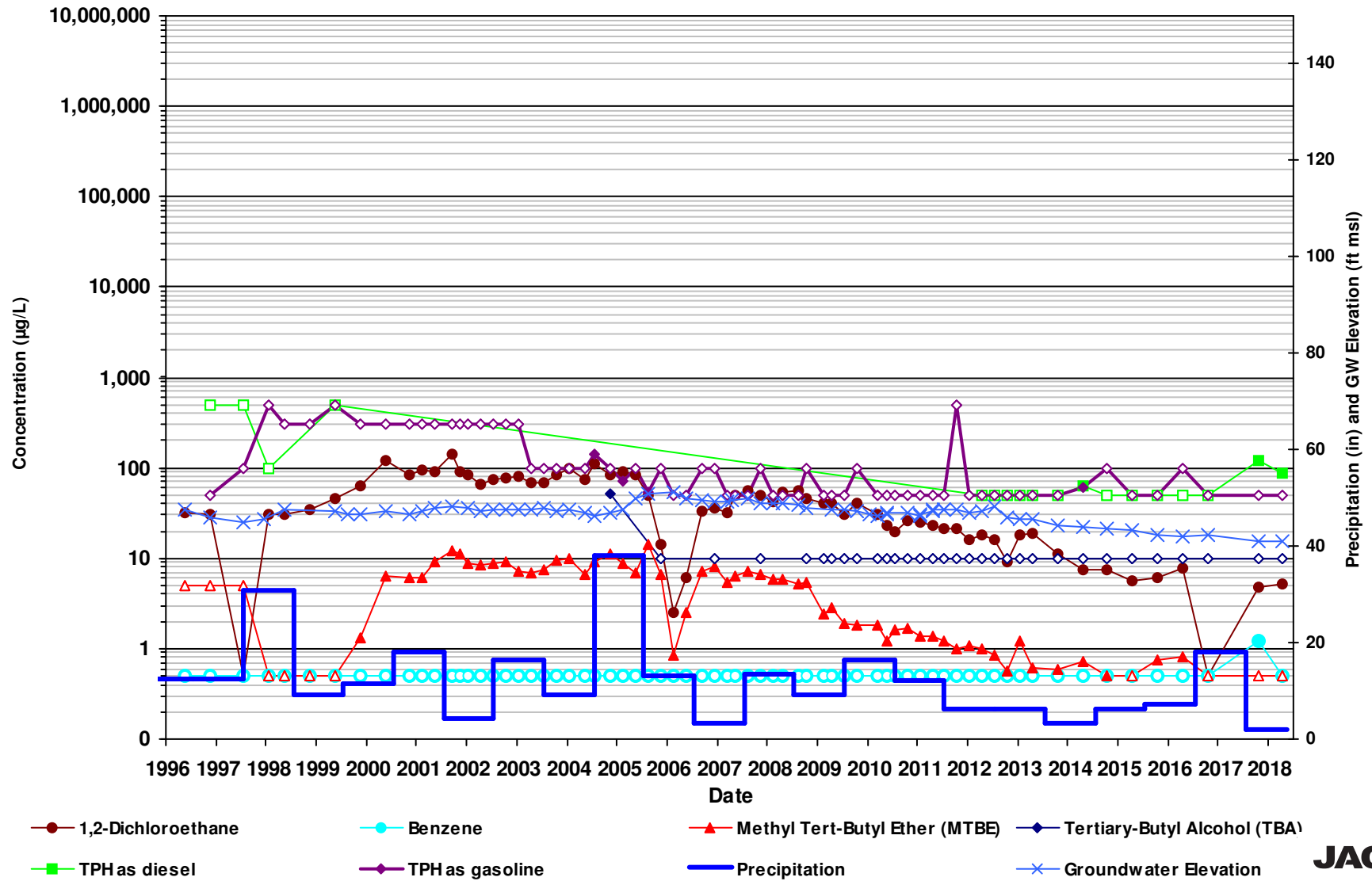
WCW-3



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: <https://cimis.water.ca.gov/>

WCW-7

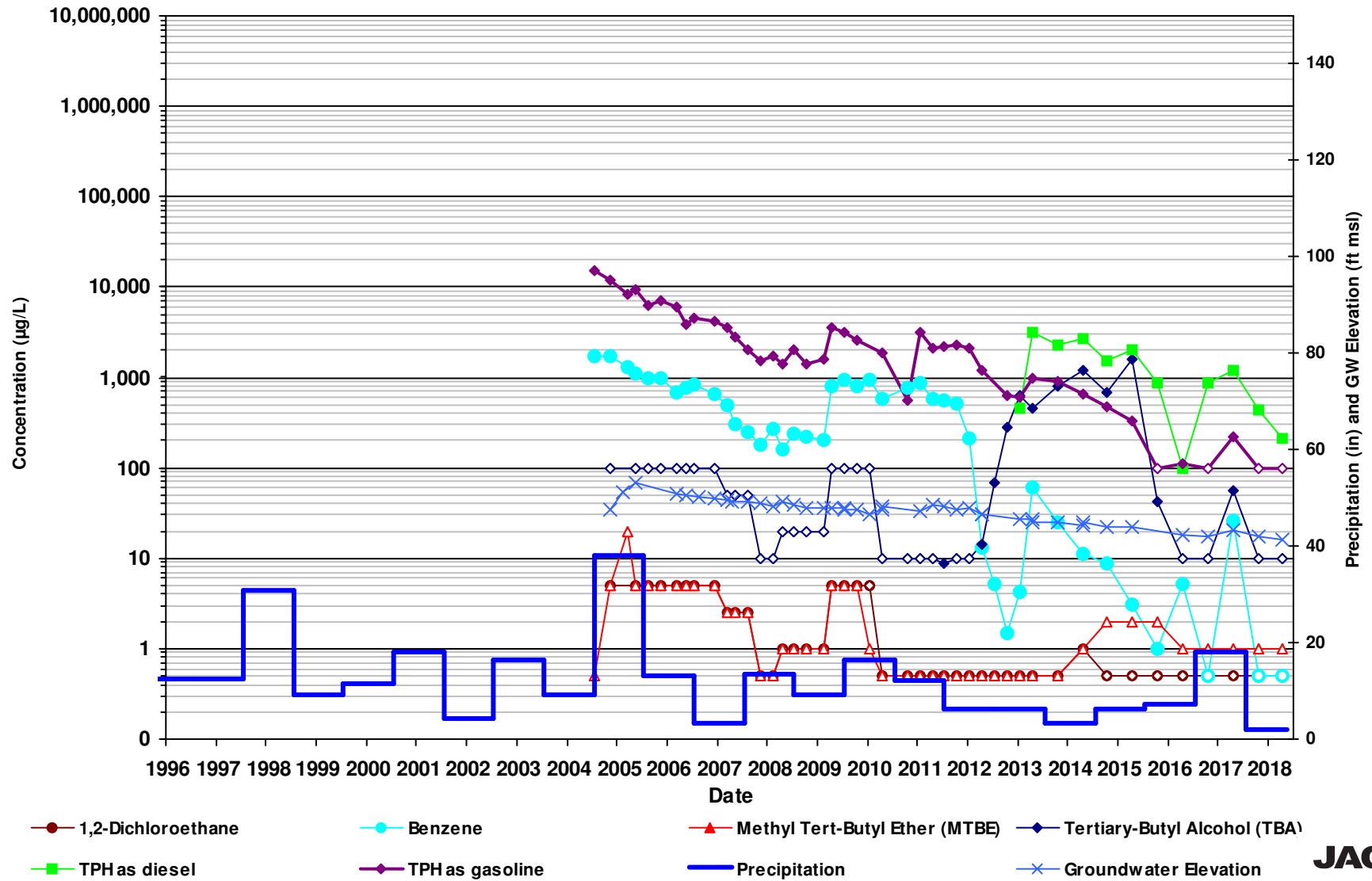


Non detect results (ND) are plotted with an open symbol using the laboratory reporting limit.

Precipitation data reported as annual rainfall which is calculated from Long Beach CIMIS #174 weather station. source: <https://cimis.water.ca.gov/>

**Northeast Onsite/Holifield Park Areas
GMW-60, GMW-61, GMW-62**

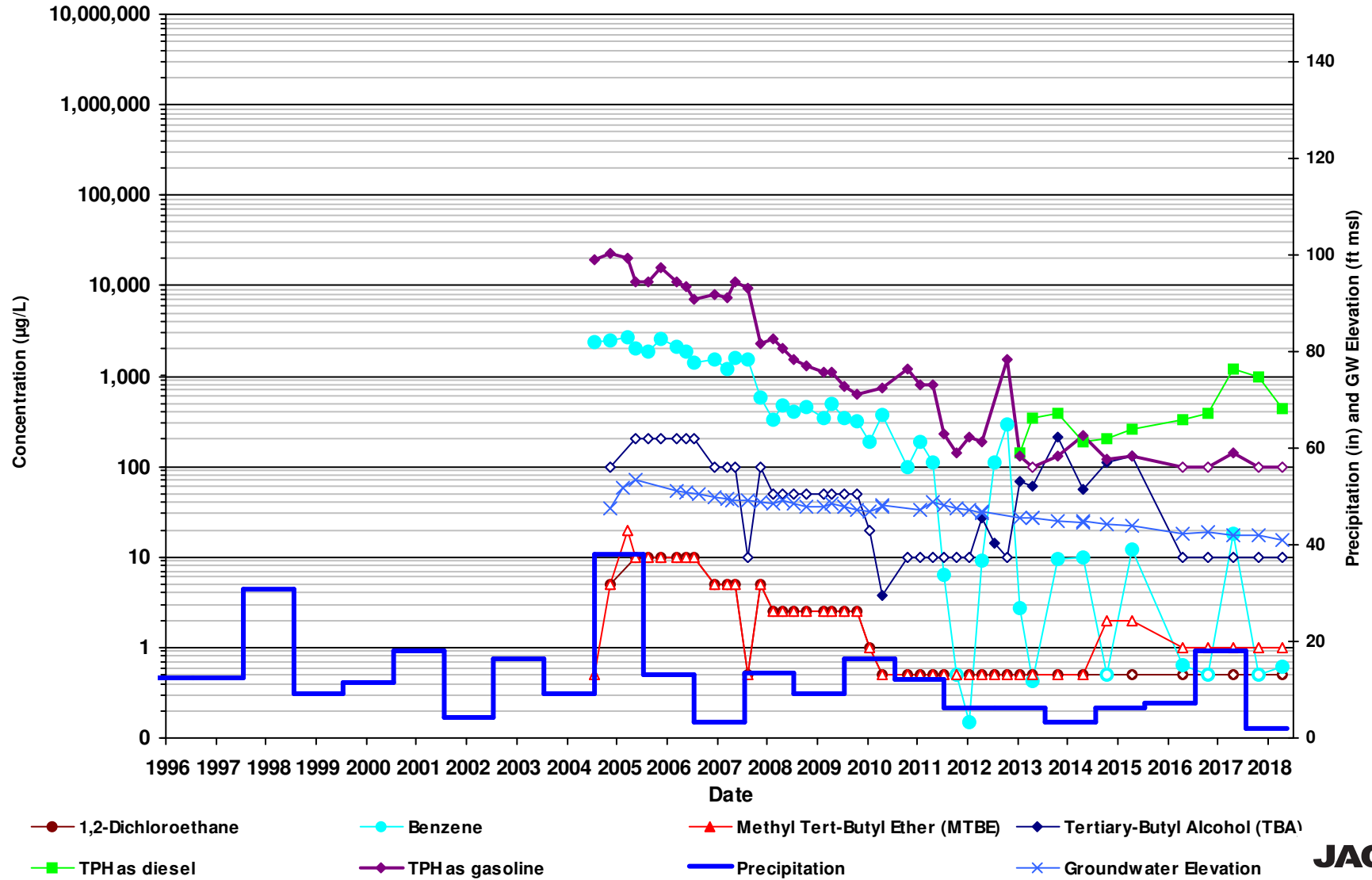
GMW-60



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: <https://cimis.water.ca.gov/>

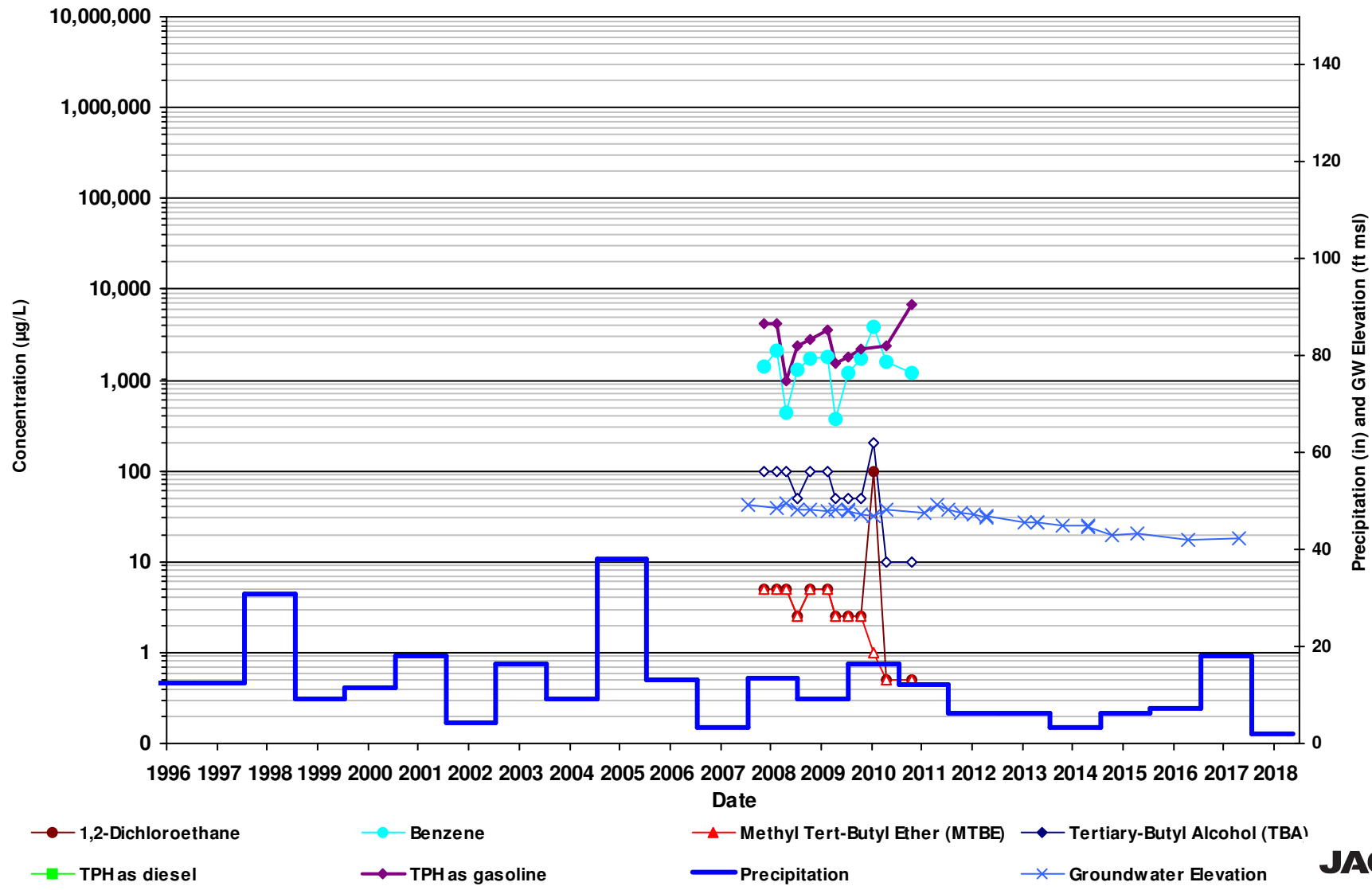
GMW-61



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: <https://cimis.water.ca.gov/>

GMW-62

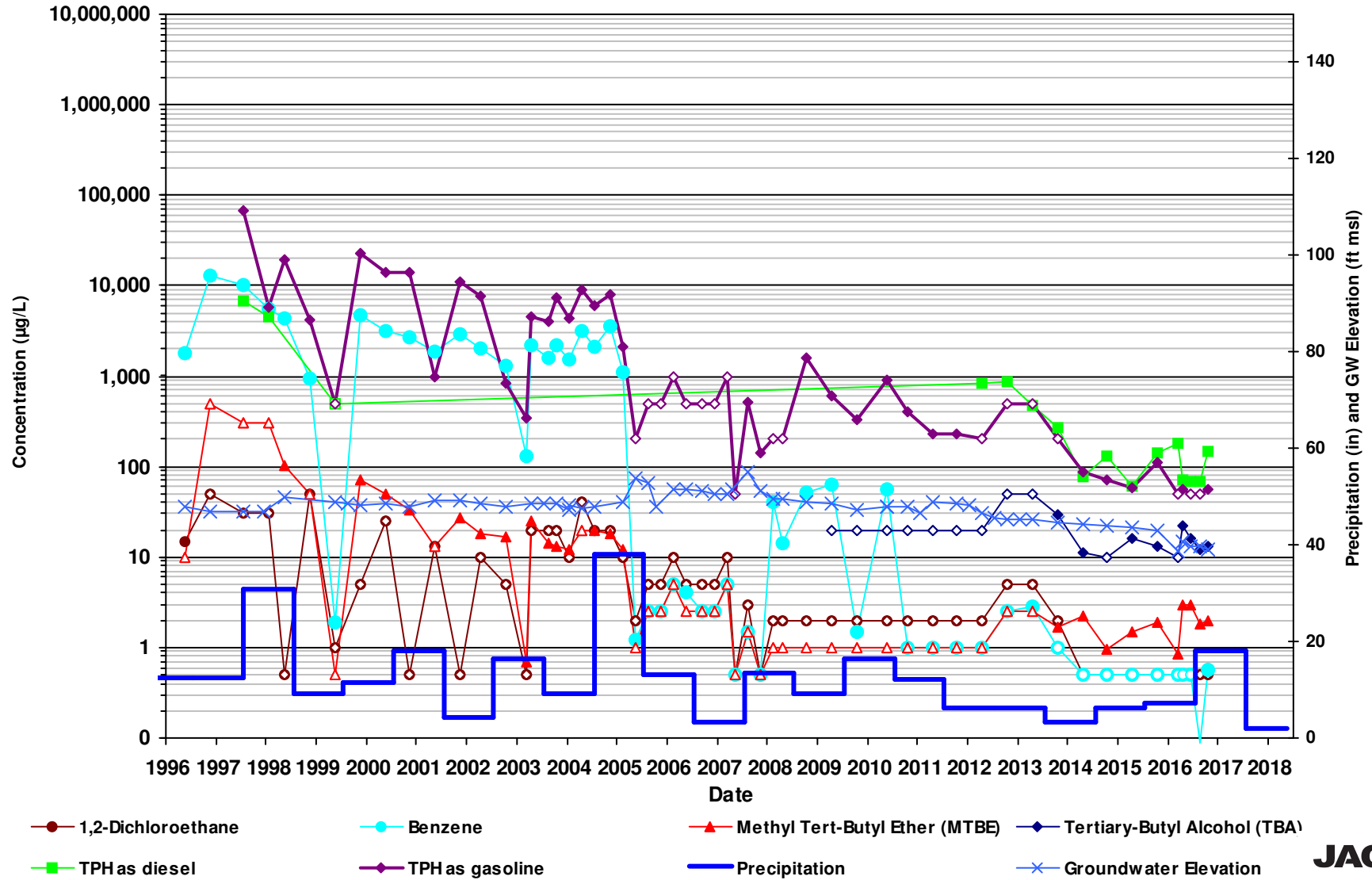


Non detect results (ND) are plotted with an open symbol using the laboratory reporting limit.

Precipitation data reported as annual rainfall which is calculated from Long Beach CIMIS #174 weather station. source: <https://cimis.water.ca.gov/>

**Former Truck Fueling Area
GMW-1, GMW-3, GMW-4R, GMW-10,
MW-15R**

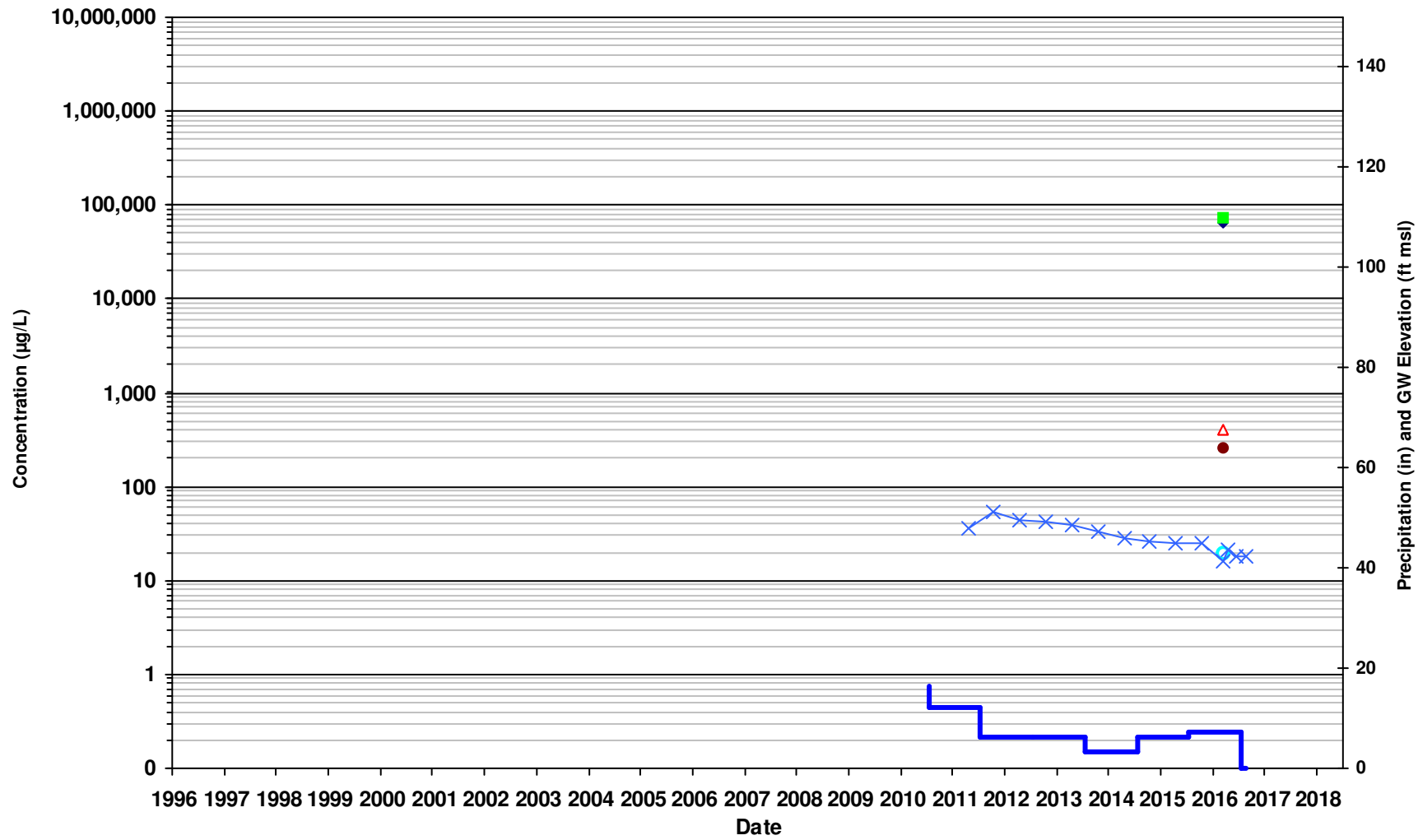
GMW-1



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: <https://cimis.water.ca.gov/>

GMW-3

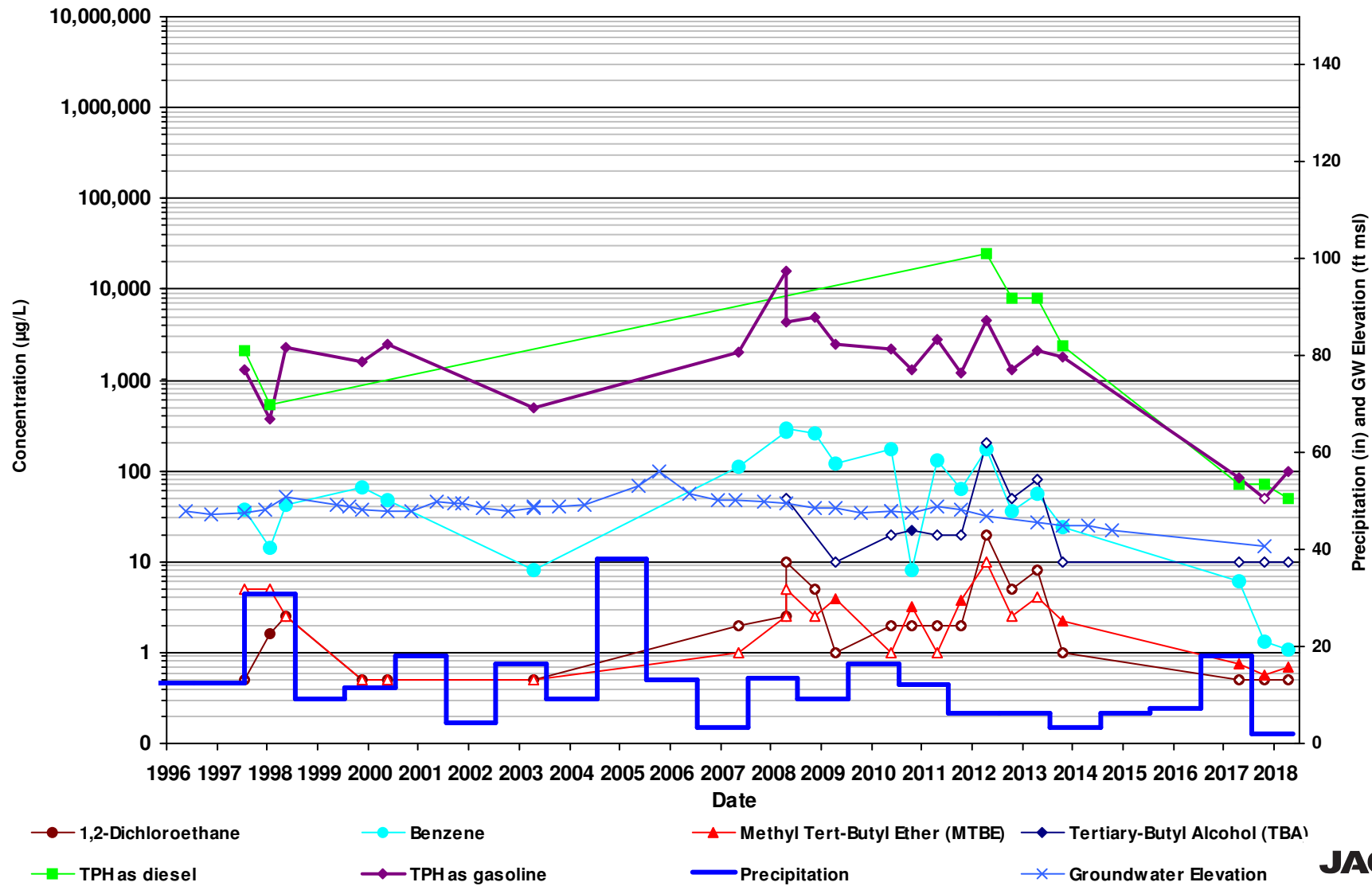


- Benzene
- Methyl Tert-Butyl Ether (MTBE)
- ▲ Tertiary-Butyl Alcohol (TBA)
- ◆ TPH as diesel
- TPH as gasoline
- Precipitation
- × Groundwater Elevation



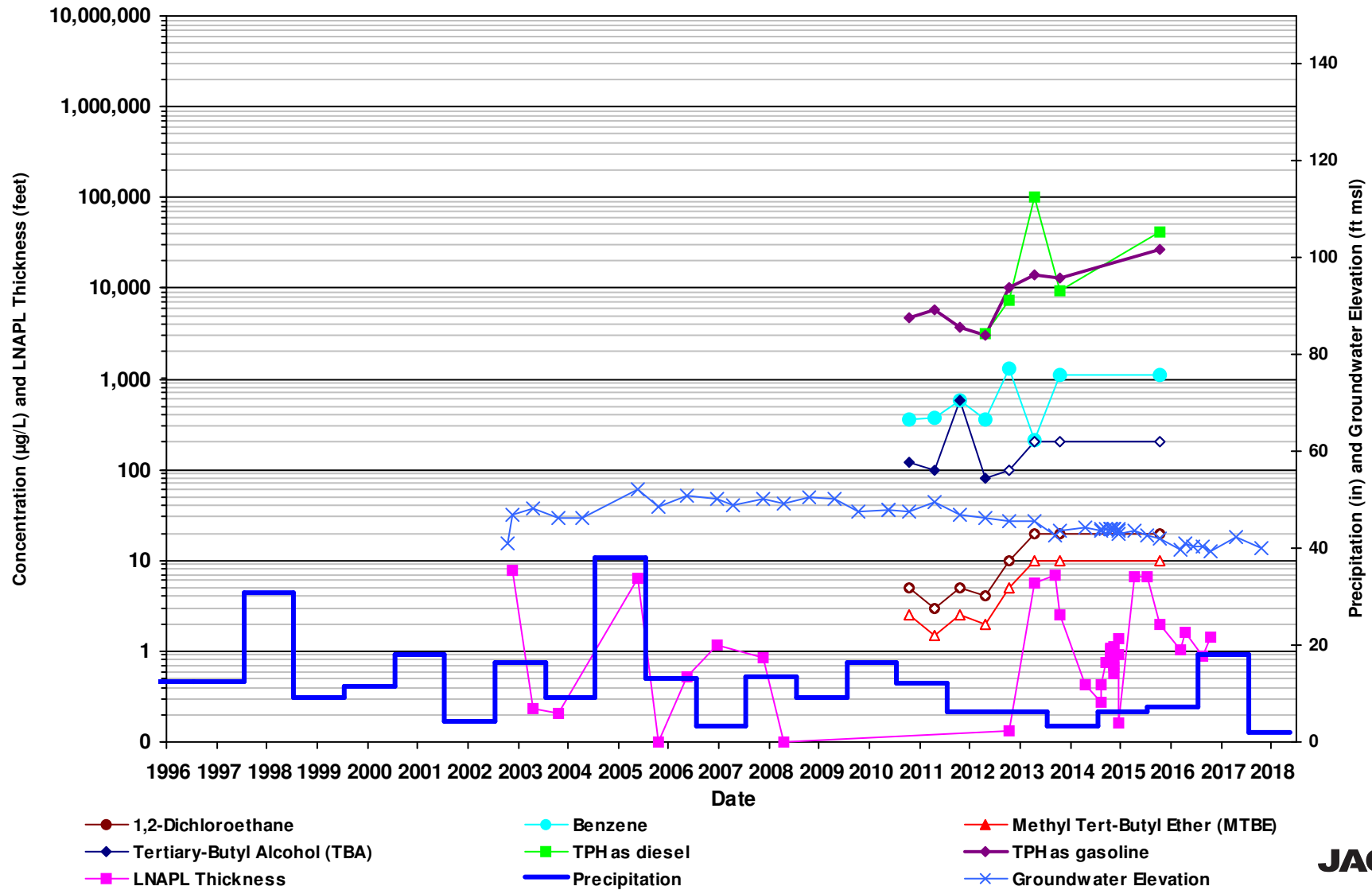
Non detect results (ND) are plotted with an open symbol using the laboratory reporting limit.
 Precipitation data reported as annual rainfall which is calculated from Long Beach CIMIS #174 weather station. source: <https://cimis.water.ca.gov/>

GMW-4R



Well formerly known as GWR-4.
 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: <https://cimis.water.ca.gov/>

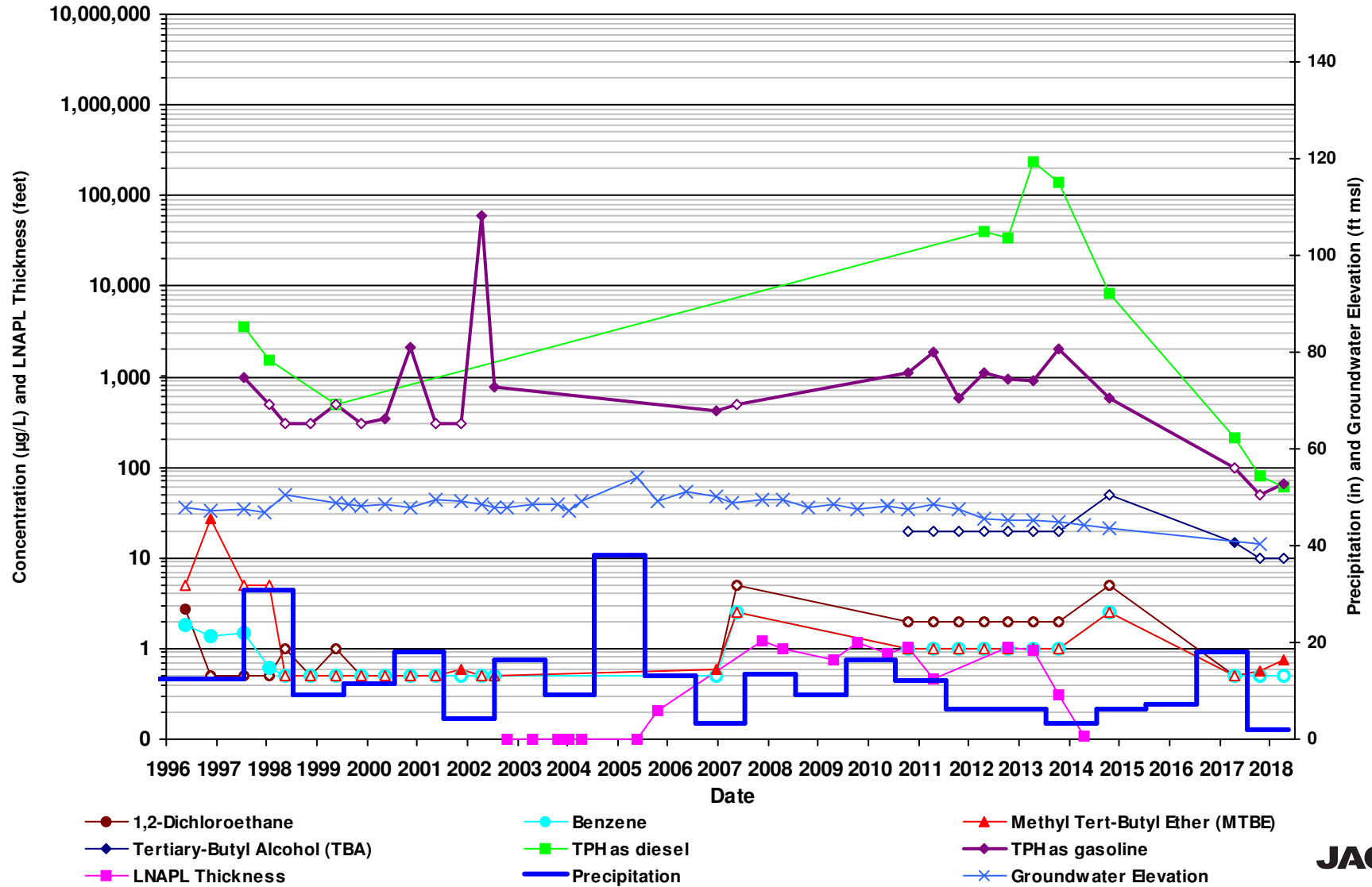
GMW-10



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: <https://cimis.water.ca.gov/>

MW-15R



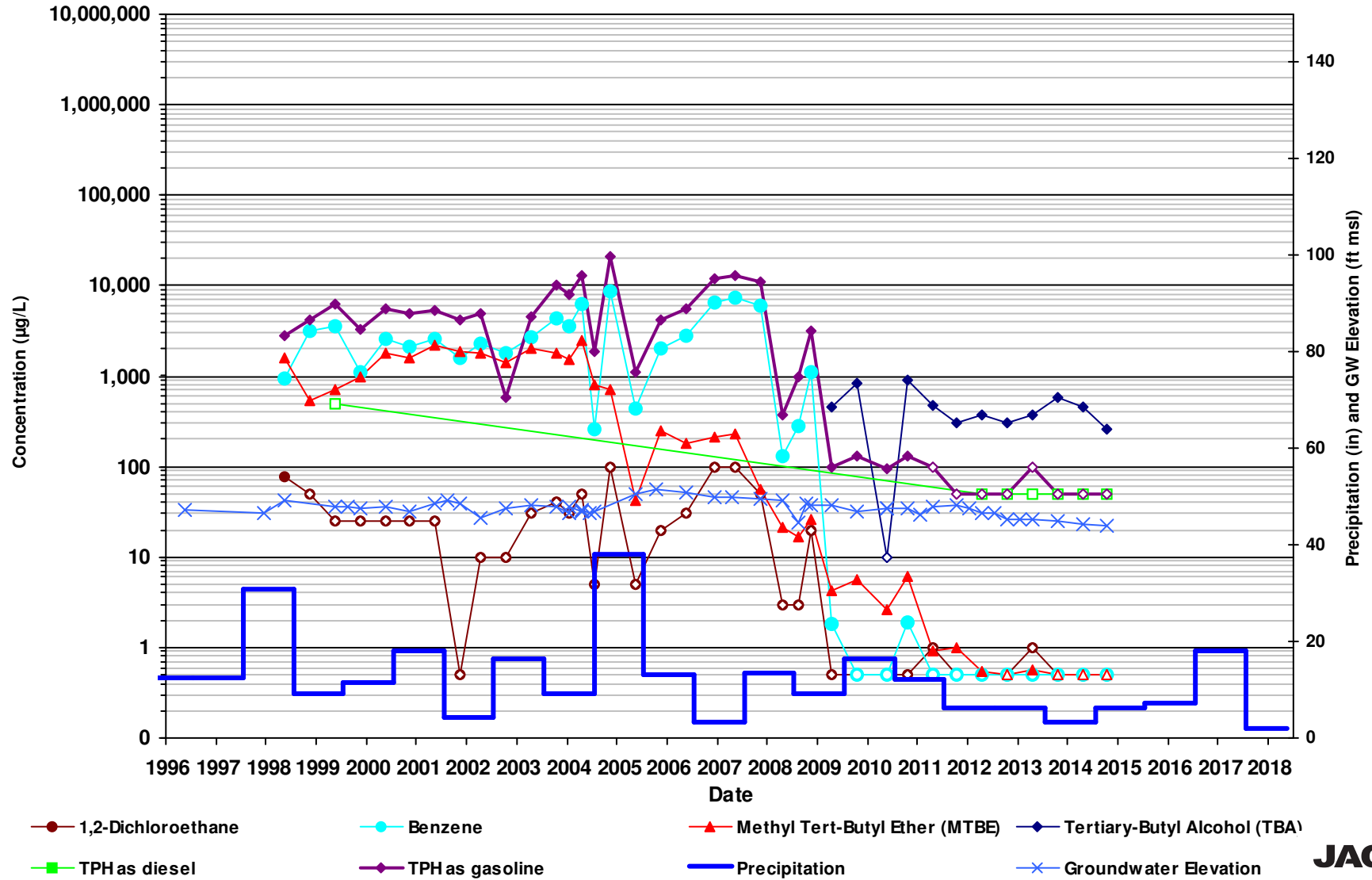
Well formerly known as MW-15. Non detect results (ND) are plotted with an open symbol using the laboratory reporting limit.

Precipitation data reported as annual rainfall which is calculated from Long Beach CIMIS #174 weather station.

source: <https://cimis.water.ca.gov/>

South-Central Area
GMW-27, GMW-O-3, GMW-O-5,
GMW-O-9, GMW-O-10, GMW-O-14,
GWR-1R, HL-2, MW-SF-1, MW-SF-9

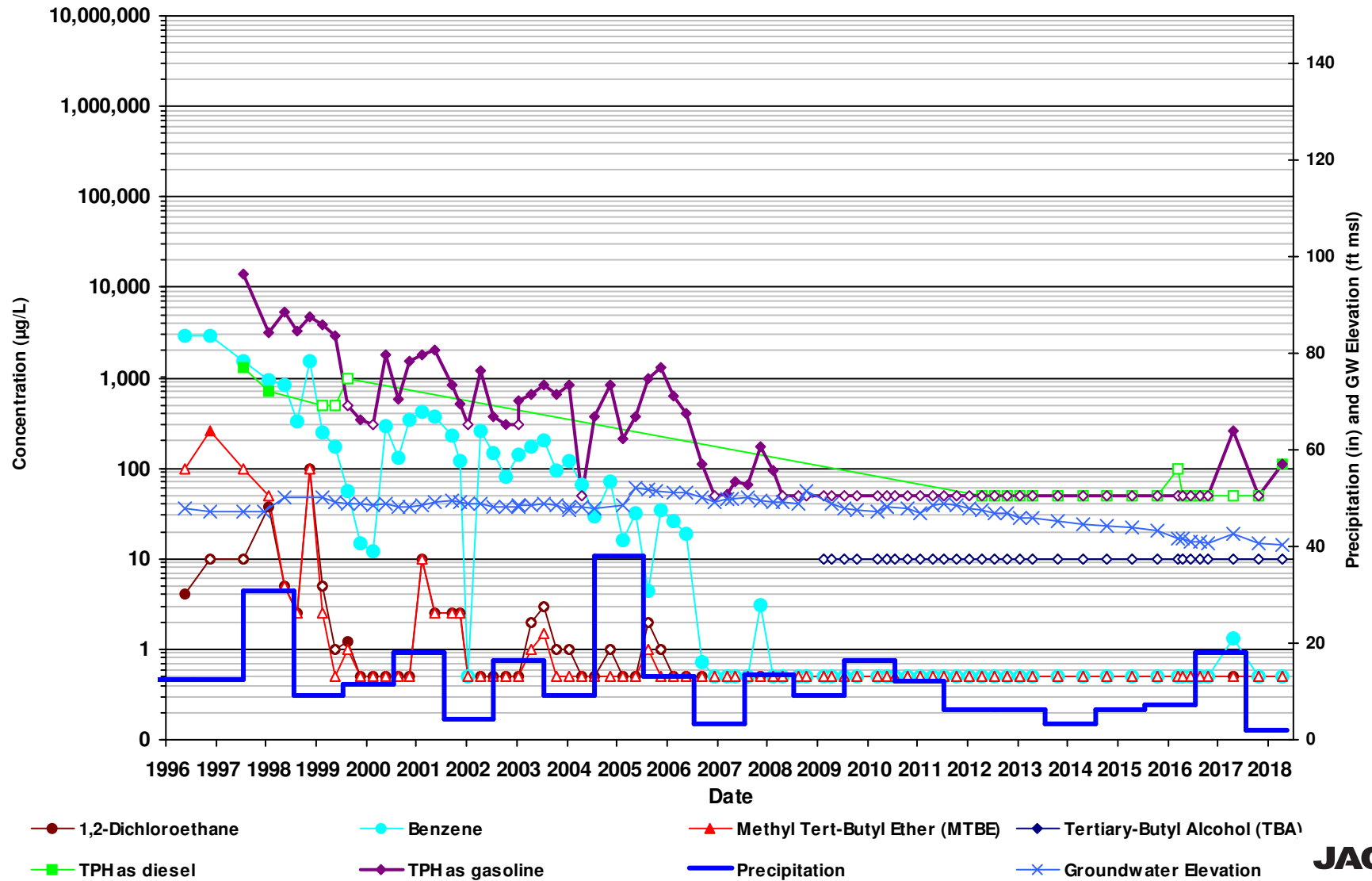
GMW-27



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: <https://cimis.water.ca.gov/>

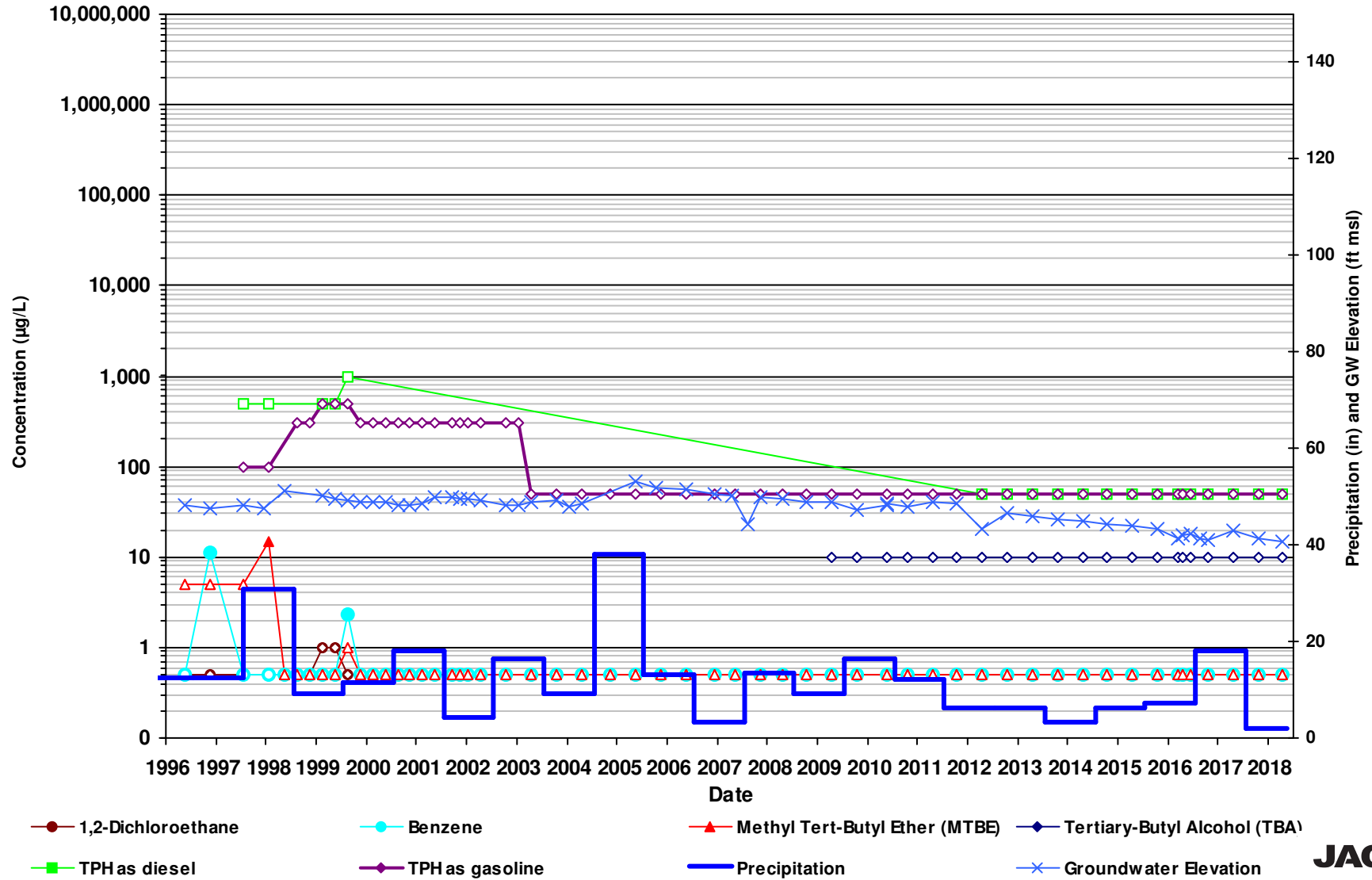
GMW-O-3



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: <https://cimis.water.ca.gov/>

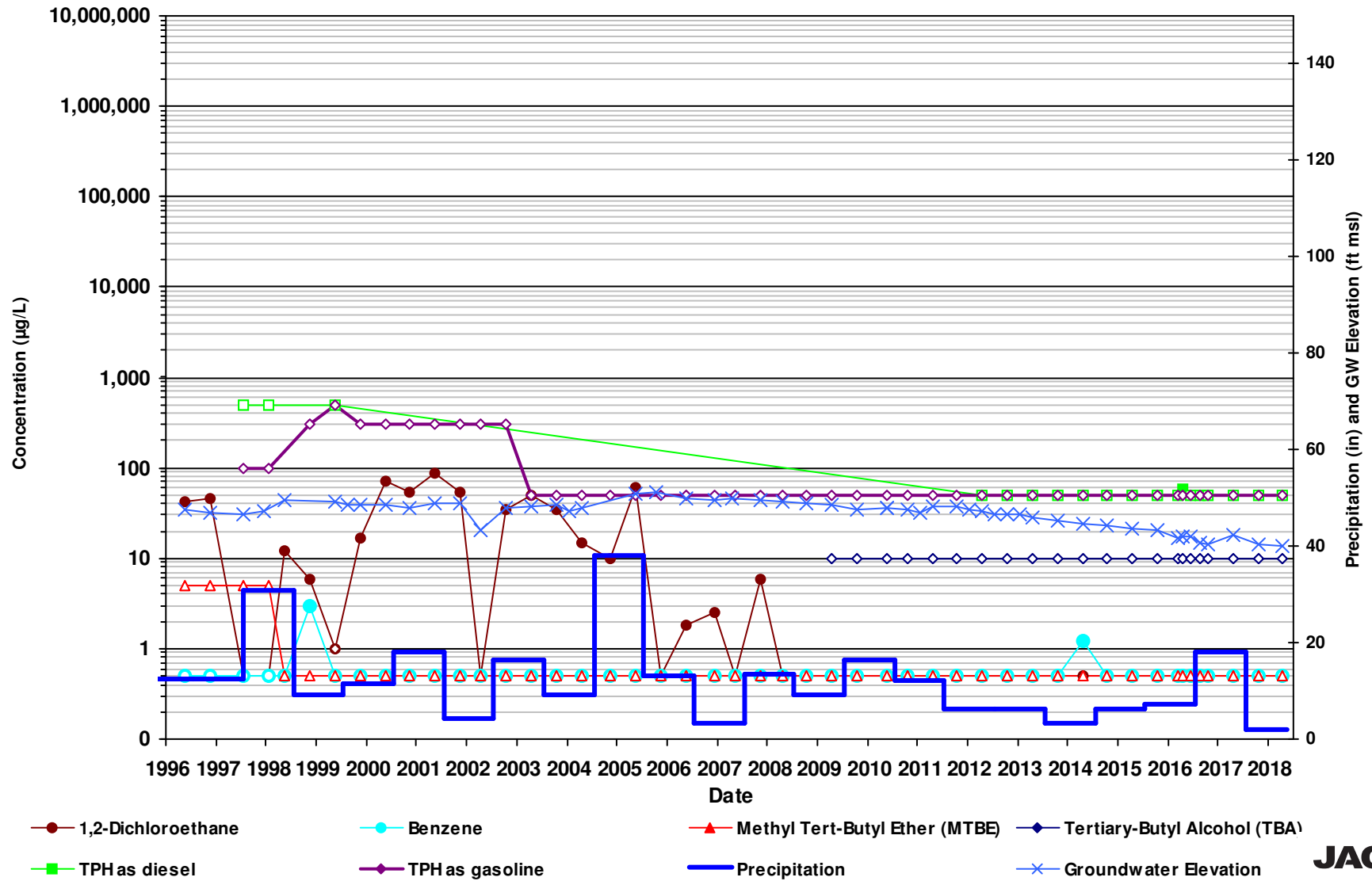
GMW-O-5



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: <https://cimis.water.ca.gov/>

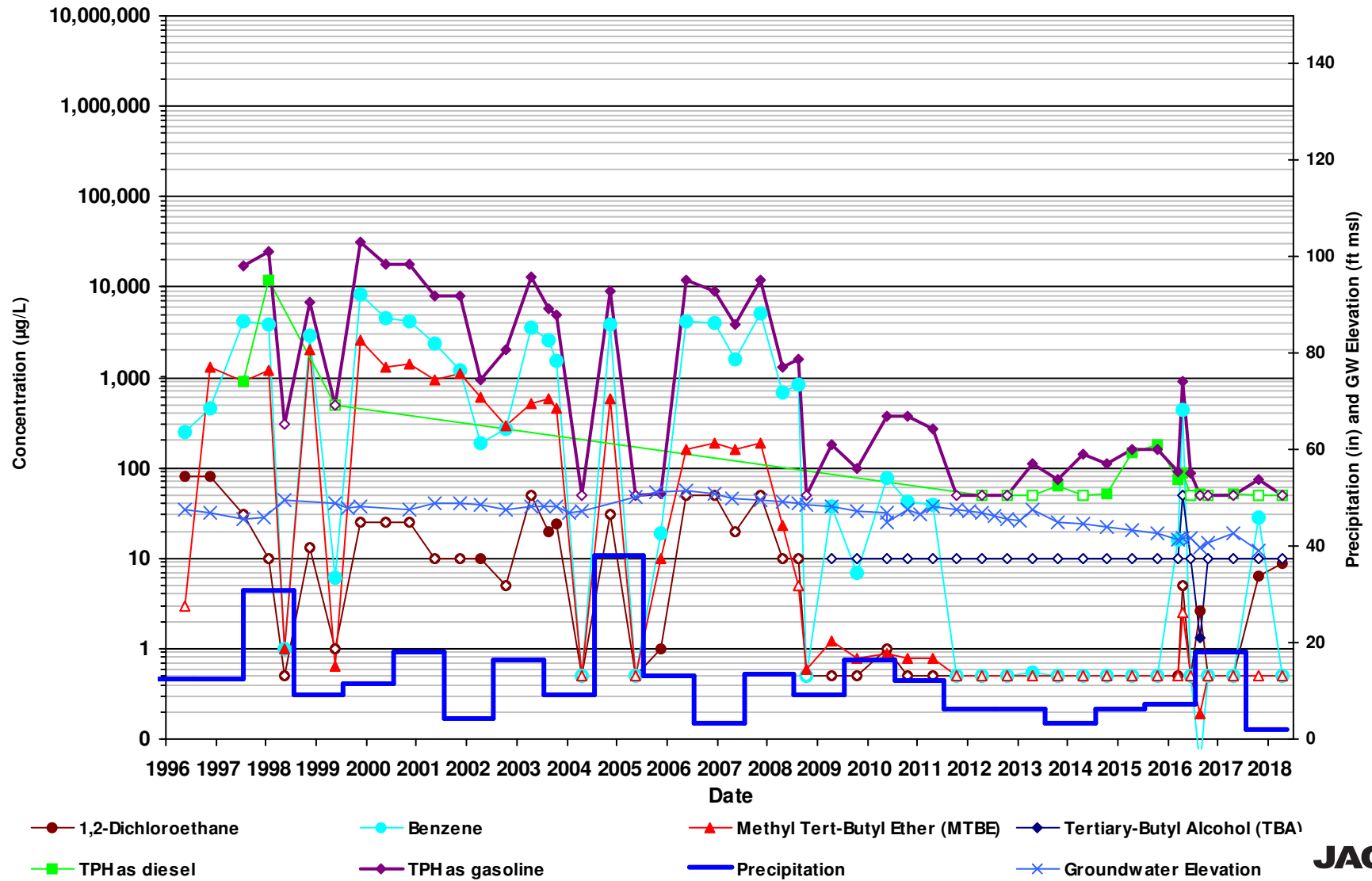
GMW-O-9



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: <https://cimis.water.ca.gov/>

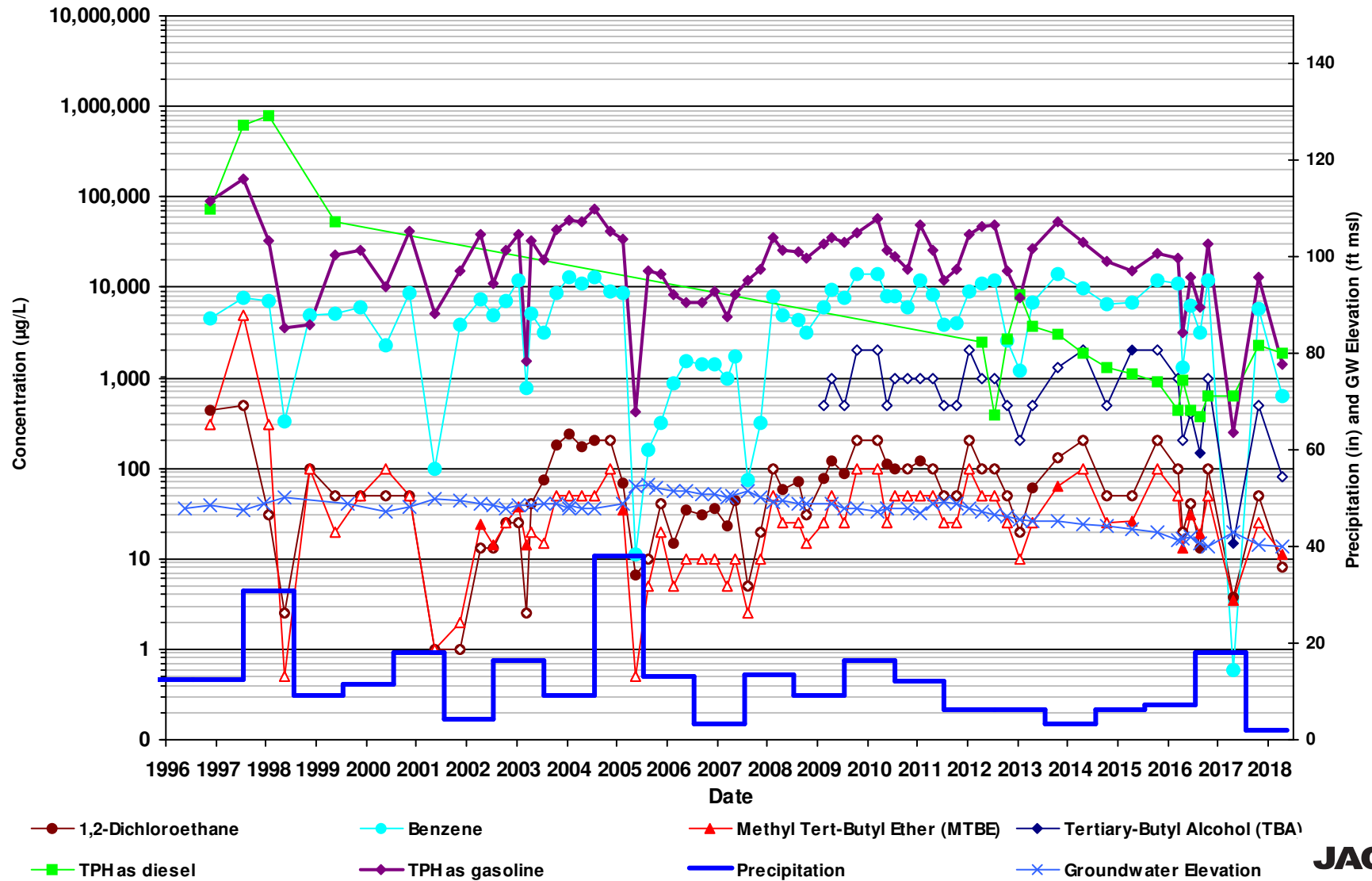
GMW-O-10



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: <https://cimis.water.ca.gov/>

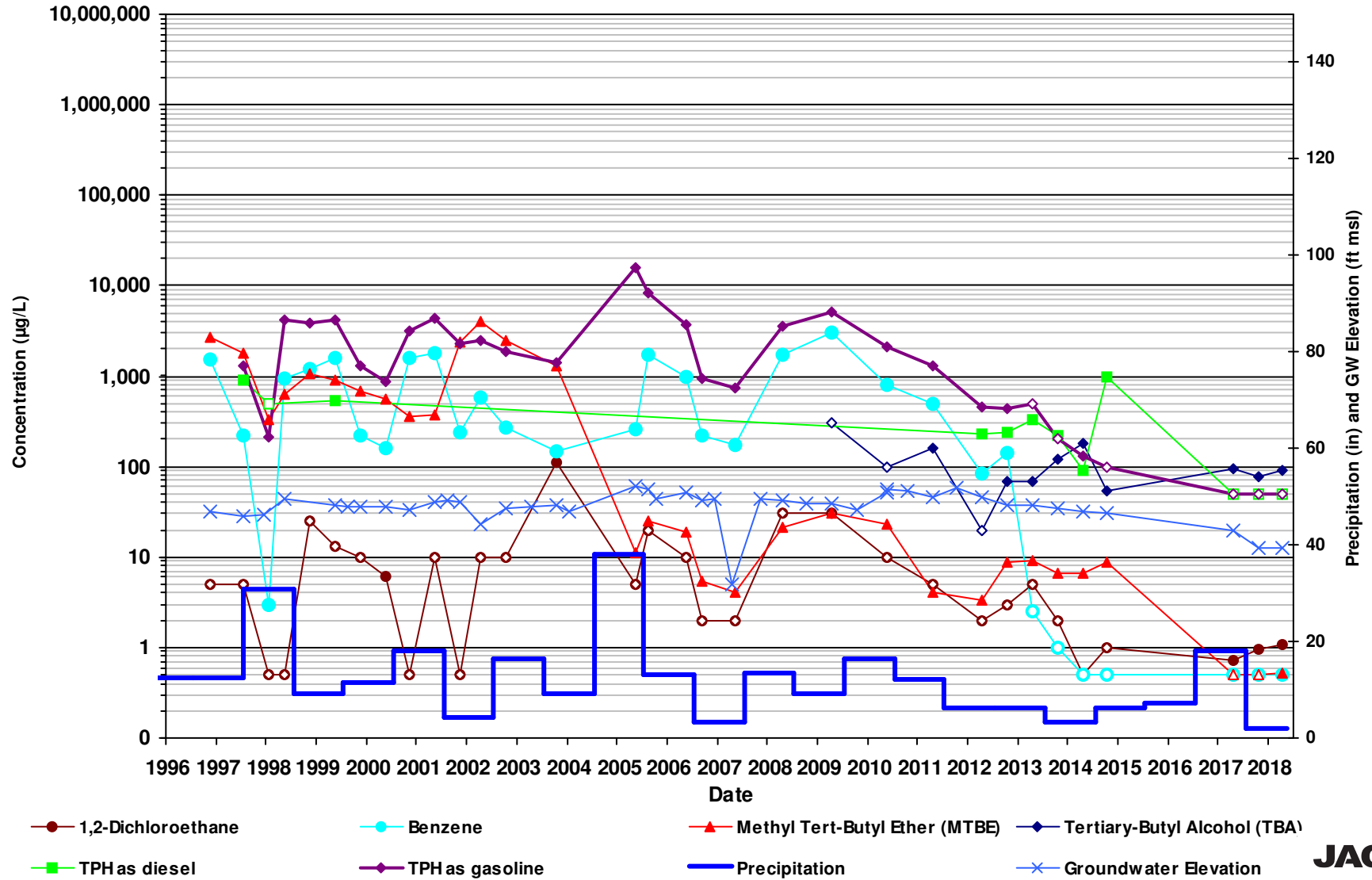
GMW-O-14



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: <https://cimis.water.ca.gov/>

GWR-1R



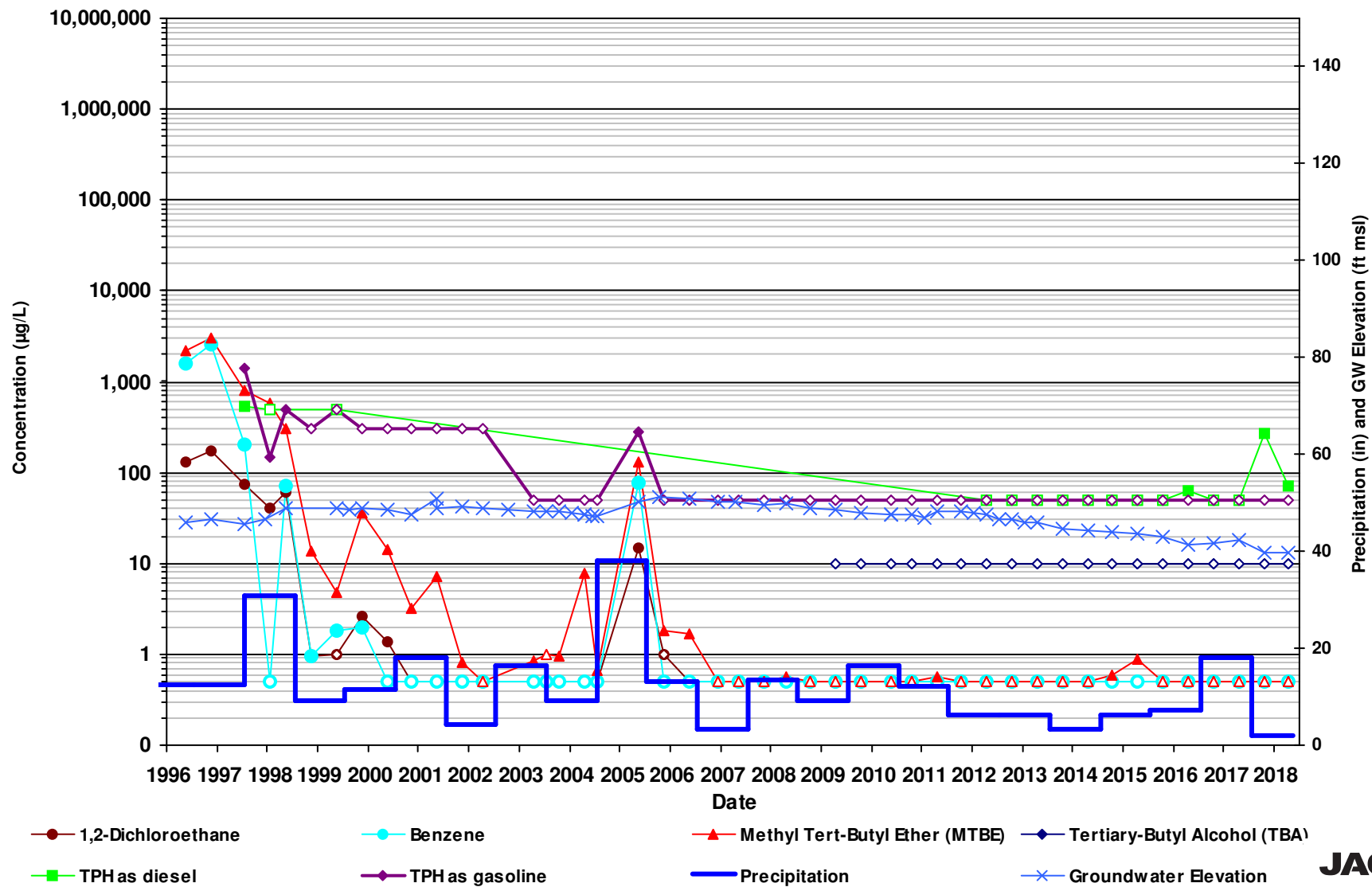
Well formerly known as GWR-1.

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: <https://cimis.water.ca.gov/>

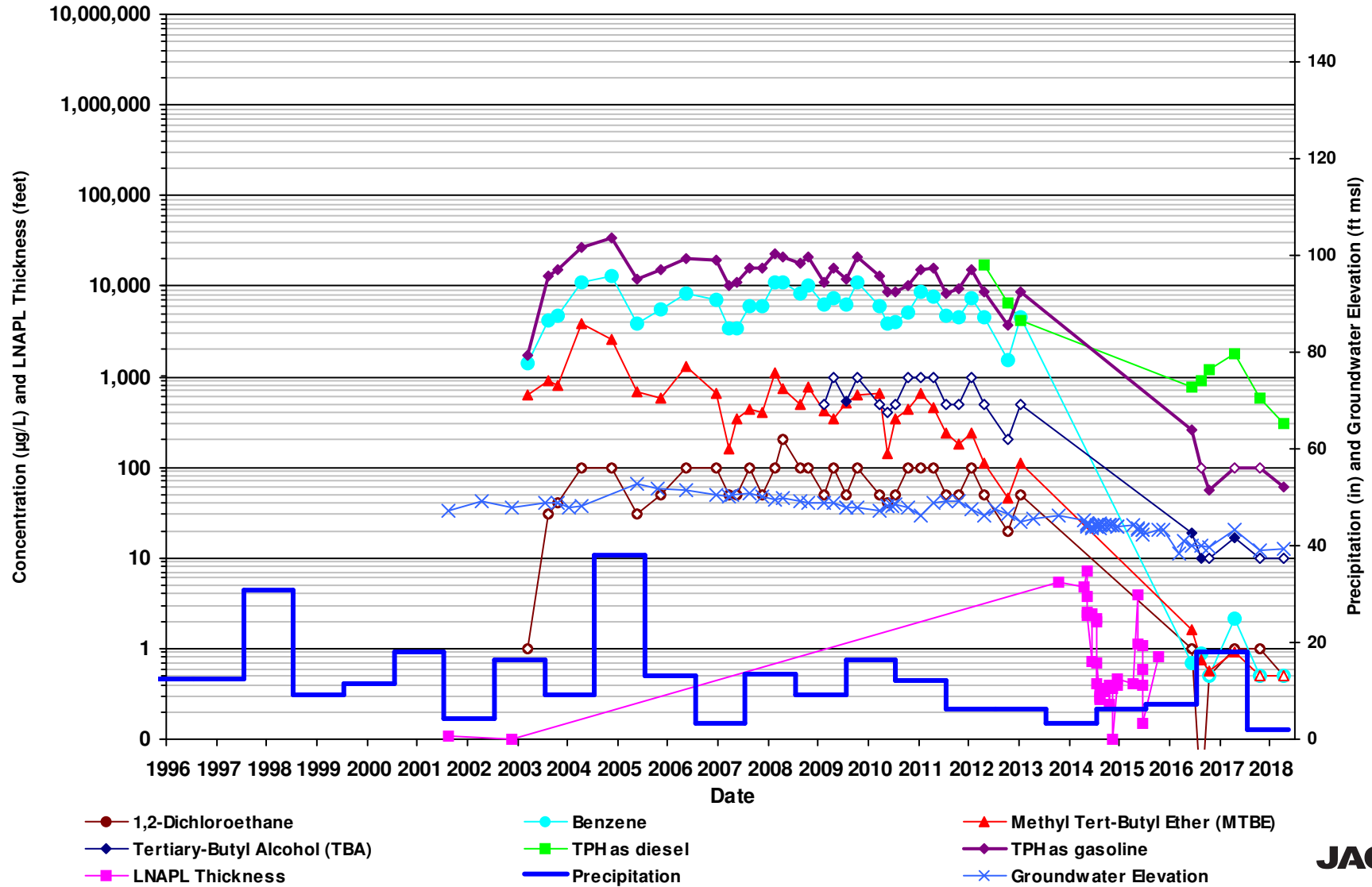
HL-2



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: <https://cimis.water.ca.gov/>

MW-SF-1

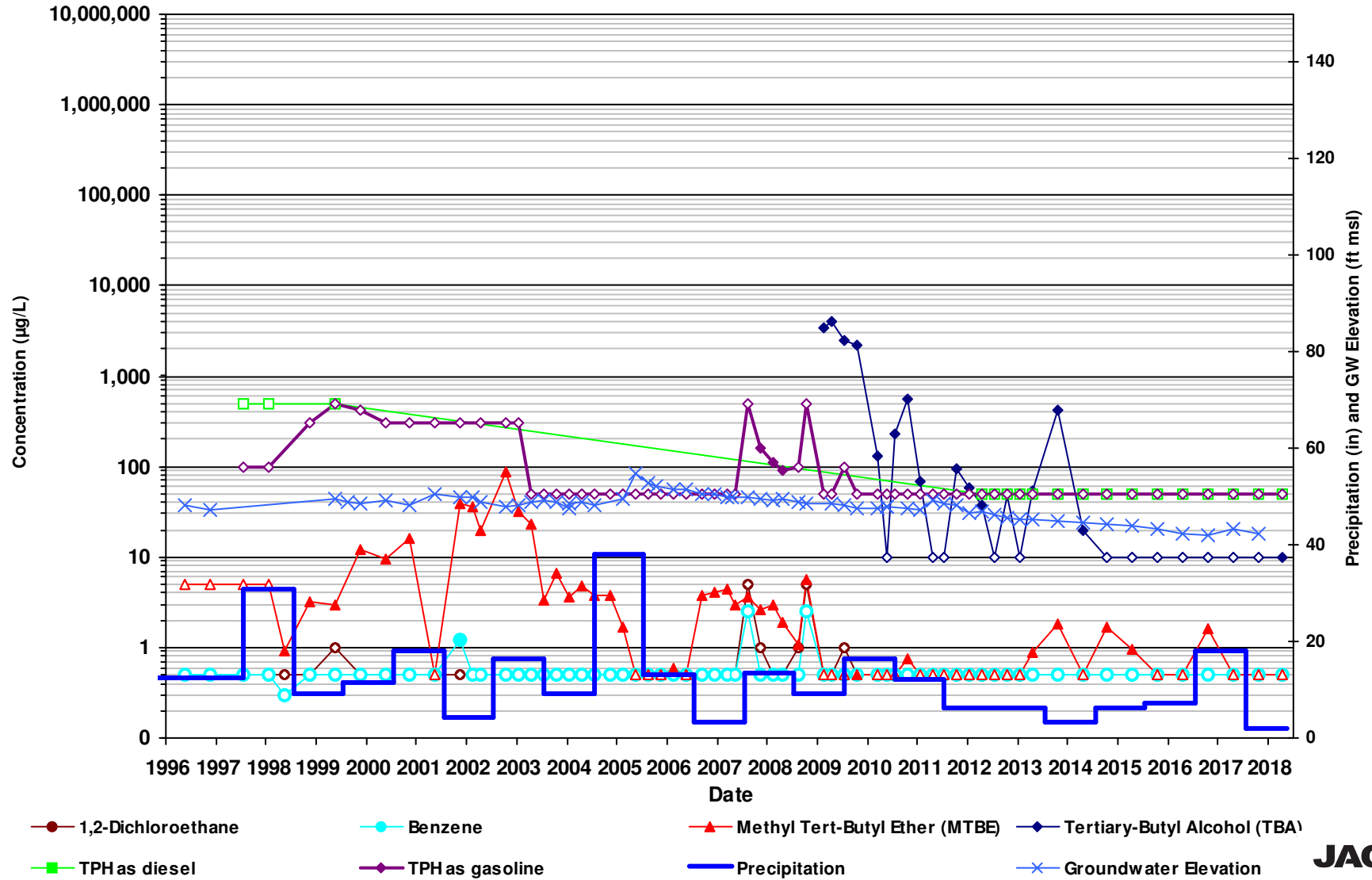


Non detect results (ND) are plotted with an open symbol using the laboratory reporting limit.

Precipitation data reported as annual rainfall which is calculated from Long Beach CIMIS #174 weather station. source: <https://cimis.water.ca.gov/>

**Southeastern 24-inch Block Valve Area
GMW-39, GMW-O-18, MW-8, PZ-5**

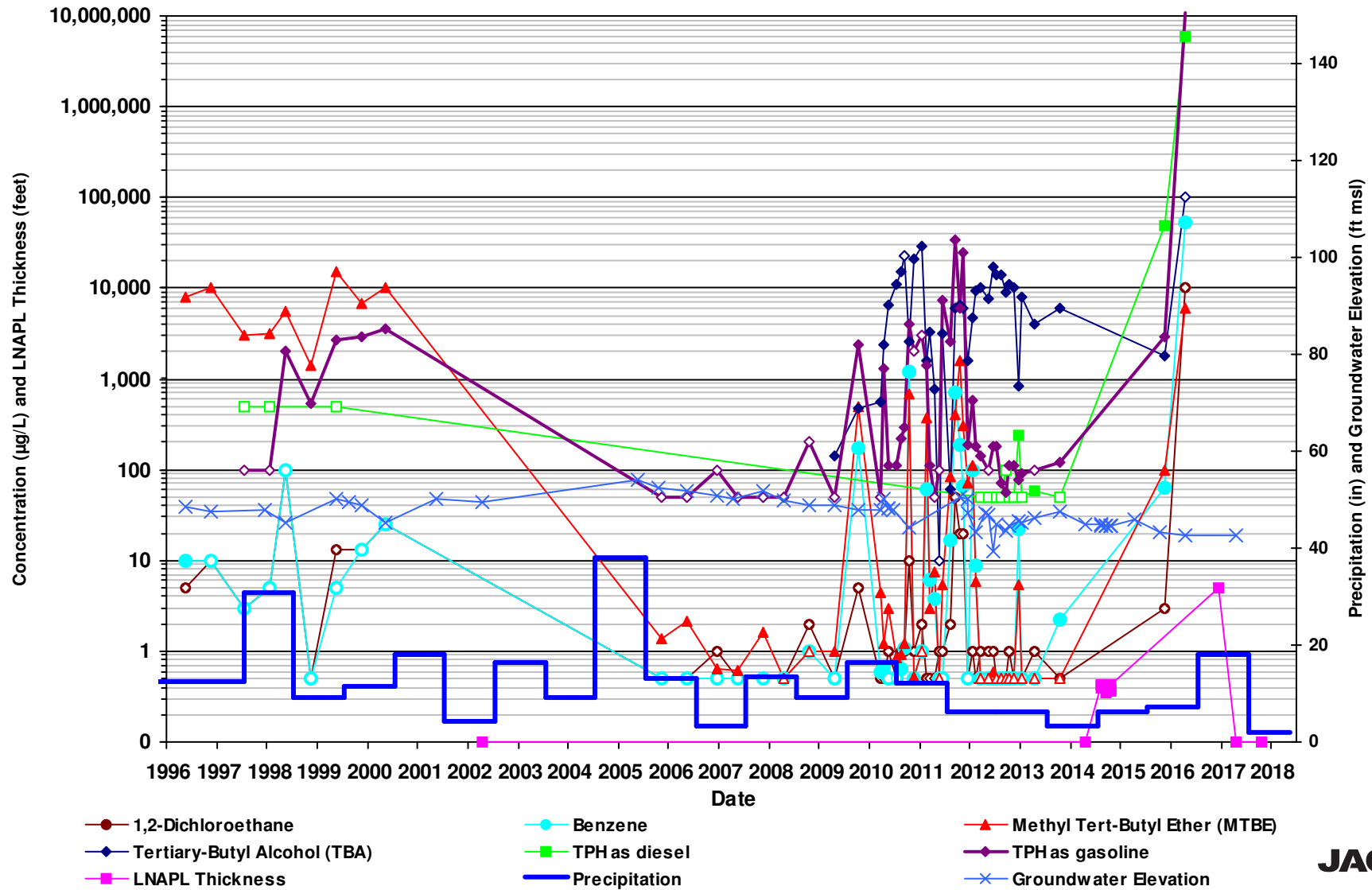
GMW-39



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: <https://cimis.water.ca.gov/>

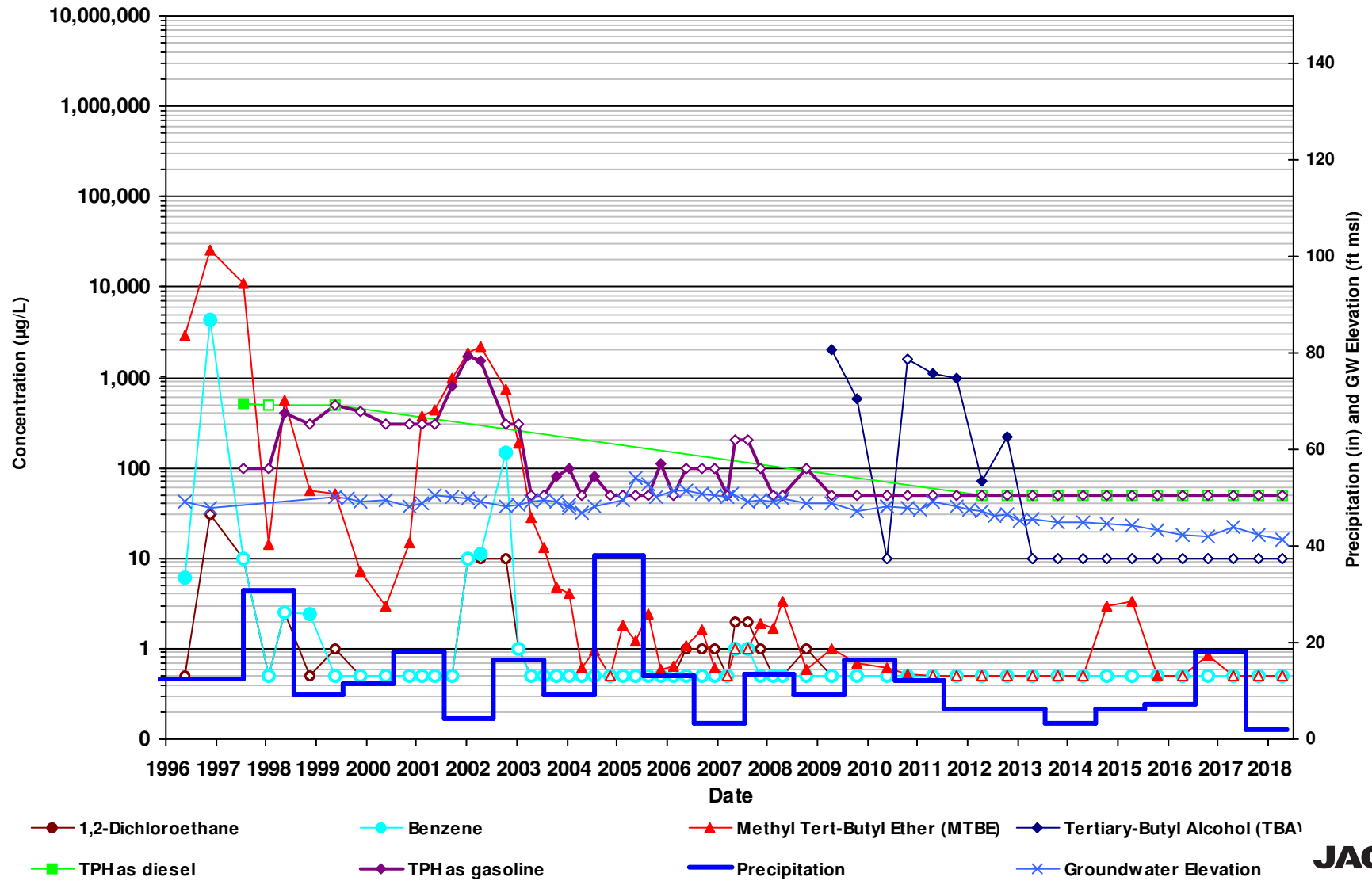
GMW-O-18



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: <https://cimis.water.ca.gov/>

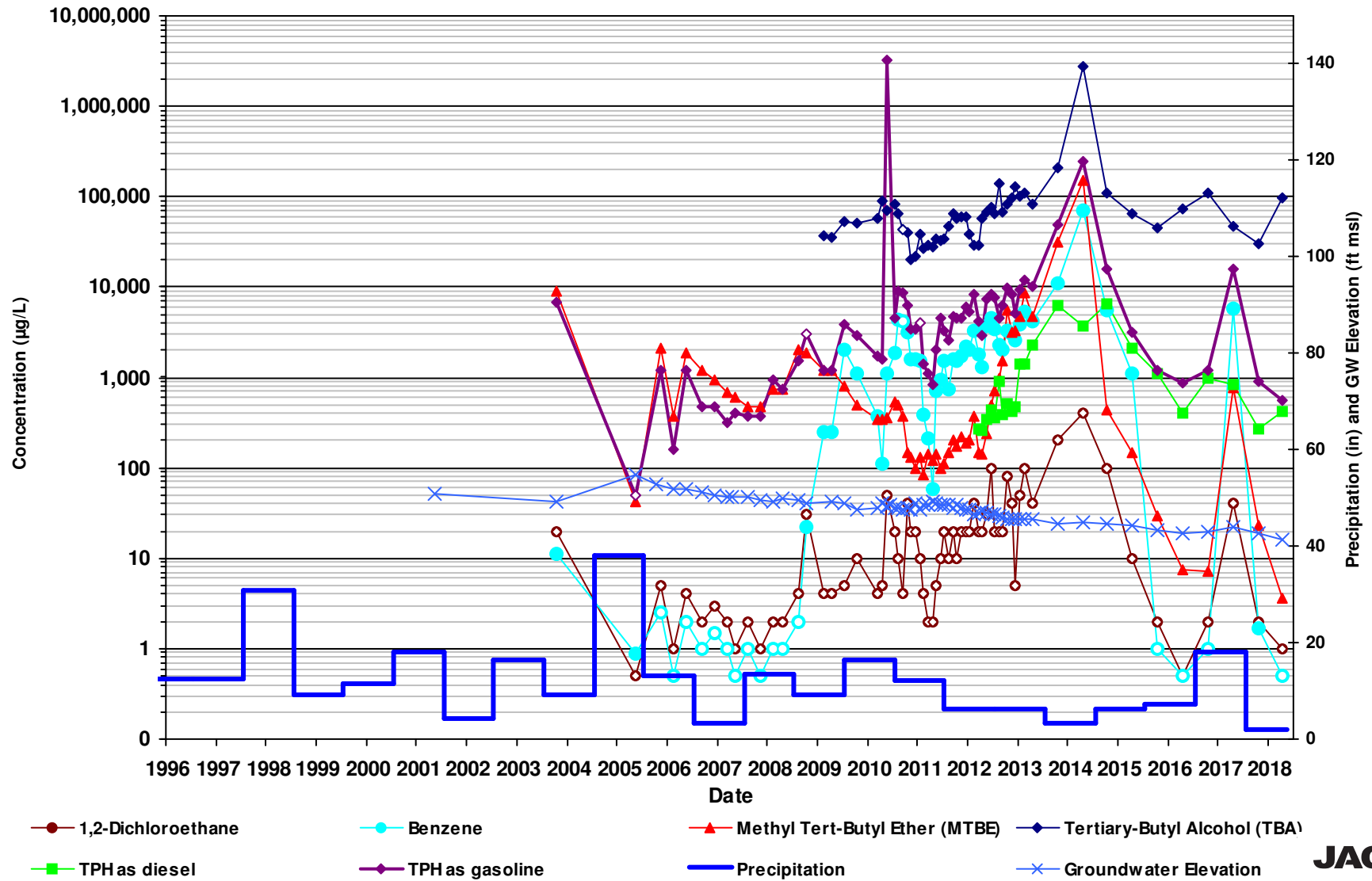
MW-8



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: <https://cimis.water.ca.gov/>

PZ-5



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: <https://cimis.water.ca.gov/>

Appendix F

Data Validation Reports

Data Quality Assurance/Quality Control

Data quality was evaluated by examining the holding times, laboratory method blanks, EBs, TBs, FDs, surrogate percent recoveries, laboratory control sample/laboratory control sample duplicates (LCS/LCSD) and matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and relative percent differences (RPDs). Data quality review results for each analysis are outlined in the following subsections.

Analytical Data

The data quality evaluation report covers 66 normal environmental samples, 7 FDs, 7 EBs and 4 TBs. Samples were collected between April 16 and May 15, 2018. Analyses were performed by Alpha Analytical, Inc. Environmental Lab in Sparks, Nevada. The sample results were reported as five sample delivery groups (SDGs):

Sample Delivery Groups
1804289
1804310
1804316
1804320
1805184

Three methods were used to analyze the environmental samples. Samples were collected and submitted directly to the laboratory for analysis. Samples were analyzed for the following analytes/method:

Parameter	Method
VOCs	SW8260B
Total Petroleum Hydrocarbons - Diesel	SW8015B
Total Petroleum Hydrocarbons - Gasoline	SW8015B

Data validation flags were assigned using guidance from the EPA Contract Laboratory National Functional Guidelines for Organic Data Review (EPA, 2016) and EPA Contract Laboratory National Functional Guidelines for Inorganic Data Review (EPA, 2016). Multiple flags are routinely applied to specific sample method/ matrix/ analyte combinations, but there will be only one final flag. A final flag is applied to the data and is the most conservative of the applied data validation flags. The final flag also includes blank sample impacts.

The data validation flags are those listed in the EPA National Functional Guidelines and include the following:

- J = Analyte was present, but the reported value may not be accurate or precise (estimated). The result was estimated because it was less than the referenced reporting limit, but greater than the method detection limit, or because a QC exceedance occurred.
- R = Data were unusable because of deficiencies in the ability to analyze the sample and meet QC criteria.
- U = Analyte was not detected at the specified detection limit.
- UJ = Analyte was not detected, and the specified detection limit may not be accurate or precise (estimated).

Findings

The overall summaries of the data validation findings are contained in the following subsections.

Holding Times

All holding time criteria were met.

Method Blanks

Method blanks were analyzed at the required frequency and were free of contamination that would affect the sample results.

Field Blanks

Field blanks were reviewed to ascertain field compliance and data quality issues. The field blanks were free of contamination that would affect the sample results.

Field Duplicates

Seven FD sets were collected and analyzed during this quarter. Comparison of the analytical results for the FD samples and the associated parent samples indicates that the relative percent difference (RPD) criteria of less than 30 percent were met for all compounds with the following exceptions:

The RPDs of o-xylene and total xylenes were greater than the acceptance criterion in FD set MW-SF-1-041918/DUP-6-041918 for Method SW8260B. The associated detected results in the FD set were qualified as estimated and flagged "J".

Surrogates

All surrogate recovery criteria were met.

Laboratory Control Samples

LCS/LCSDs were analyzed as required. All accuracy and precision criteria were met with the following exception:

The recovery of 1,1-dichloroethane was less than the lower control limit in a LCS for Method SW8260B, indicating associated sample results are possibly biased low. One associated detected result was qualified as estimated and flagged "J"; 26 associated nondetected results were qualified as estimated and flagged "UJ".

Matrix Spikes/Matrix Spike Duplicates

The results of MS/MSD analyses provide information about the possible influence of the matrix on either accuracy or precision of the measurements. There were no MS/MSD recovery or RPD exceedances that would affect the sample results with the following exceptions.

The recovery of 2,2-dichloropropane was less than the lower control limit in the MS and MSD of sample EXP-1-041718 for Method SW8260B, indicating the associated sample result is possibly biased low. The associated nondetected result was qualified as estimated and flagged "UJ".

The recovery of cis-1,3-dichloropropene was less than the lower control limit in the MS of sample MW-SF-1-041918 for Method SW8260B, indicating the associated sample result is possibly biased low. The associated nondetected result was qualified as estimated and flagged "UJ".

Chain-of-Custody

Each sample was documented in a completed COC and received at the laboratory in good condition.

Overall Assessment

An overall evaluation of the data indicates that the sample handling, shipment, and analytical procedures have been adequately completed, and that the analytical results are considered usable taking into consideration possible biases as described above.

Data Quality Assurance/Quality Control

Data quality was evaluated by examining the holding times, laboratory method blanks, EBs, TBs, FDs, surrogate percent recoveries, laboratory control sample/laboratory control sample duplicates (LCS/LCSD) and matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and relative percent differences (RPDs). Data quality review results for each analysis are outlined in the following subsections.

Analytical Data

The data quality evaluation report covers 51 normal environmental samples, 7 FDs, 6 EBs and 7 TBs. Samples were collected between April 16 and April 24, 2018. Analyses were performed by American Analytics in Chatsworth, California. The sample results were reported as seven sample delivery groups (SDGs):

Sample Delivery Groups
8D17011
8D18010
8D19007
8D20006
8D23007
8D24009
8D24007

Three methods were used to analyze the environmental samples. Samples were collected and submitted directly to the laboratory for analysis. Samples were analyzed for the following analytes/method:

Parameter	Method
VOCs	SW8260B
Total Petroleum Hydrocarbons - Diesel	SW8015B
Total Petroleum Hydrocarbons - Gasoline	SW8015B

Data validation flags were assigned using guidance from the EPA Contract Laboratory National Functional Guidelines for Organic Data Review (EPA, 2016) and EPA Contract Laboratory National Functional Guidelines for Inorganic Data Review (EPA, 2016). Multiple flags are routinely applied to specific sample method/ matrix/ analyte combinations, but there will be only one final flag. A final flag is applied to the data and is the most conservative of the applied data validation flags. The final flag also includes blank sample impacts.

The data validation flags are those listed in the EPA National Functional Guidelines and include the following:

- J = Analyte was present, but the reported value may not be accurate or precise (estimated). The result was estimated because it was less than the referenced reporting limit, but greater than the method detection limit, or because a QC exceedance occurred.
- R = Data were unusable because of deficiencies in the ability to analyze the sample and meet QC criteria.
- U = Analyte was not detected at the specified detection limit.

- UJ = Analyte was not detected, and the specified detection limit may not be accurate or precise (estimated).

Findings

The overall summaries of the data validation findings are contained in the following subsections.

Holding Times

All holding time criteria were met.

Method Blanks

Method blanks were analyzed at the required frequency and were free of contamination that would affect the sample results.

Field Blanks

Field blanks were reviewed to ascertain field compliance and data quality issues. The field blanks were free of contamination that would affect the sample results.

Field Duplicates

Seven FD sets were collected and analyzed during this quarter. Comparison of the analytical results for the FD samples and the associated parent samples indicates that the relative percent difference (RPD) criteria of less than 30 percent were met for all compounds with the following exceptions:

The RPDs of methyl tert butyl ether and tert-butanol were greater than the acceptance criterion in FD set MW-22 (MID)-SGI-041918/DUP-4-SGI-041918 for Method SW8260B. The associated detected results in the FD set were qualified as estimated and flagged "J"; one nondetected result was qualified as estimated and flagged "UJ".

The RPD of TPH-diesel was greater than the acceptance criterion in FD set TF-9R-SGI-042018/DUP-5-SGI-042018 for Method SW8015B. The associated detected results in the FD set were qualified as estimated and flagged "J".

The RPD of TPH-gasoline was greater than the acceptance criterion in FD set GMW-35R-SGI-042318/DUP-6-SGI-042318 for Method SW8015B. The associated detected results in the FD set were qualified as estimated and flagged "J".

Surrogates

All surrogate recovery criteria were met.

Laboratory Control Samples

LCS/LCSDs were analyzed as required. All accuracy and precision criteria were met with the following exception:

The recovery of TPH-diesel was greater than the upper control limit in a LCS for Method SW8015B, indicating associated sample results are possibly biased high. Nine associated detected results were qualified as estimated and flagged "J".

Matrix Spikes/Matrix Spike Duplicates

The results of MS/MSD analyses provide information about the possible influence of the matrix on either accuracy or precision of the measurements. There were no MS/MSD recovery or RPD exceedances that would affect the sample results with the following exception.

The recovery of acetone was less than the lower control limit in the MS of sample GMW-65-SGI-041618 for Method SW8260B, indicating the associated sample result is possibly biased low. The associated nondetected result was qualified as estimated and flagged "UJ".

Chain-of-Custody

Each sample was documented in a completed COC and received at the laboratory in good condition.

Overall Assessment

An overall evaluation of the data indicates that the sample handling, shipment, and analytical procedures have been adequately completed, and that the analytical results are considered usable taking into consideration possible biases as described above.