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**Defense Fuel Support Point
Norwalk, California**

First Semiannual 2020 Groundwater Monitoring Report

Final

August 2020

Kinder Morgan, Inc.



Defense Fuel Support Point, Norwalk, California

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¹ GeoTracker website: https://www.waterboards.ca.gov/ust/electronic_submittal/about.html

Acronyms and Abbreviations

µg/L	microgram(s) per liter
1,2-DCA	1,2-dichloroethane
amsl	above mean sea level
bgs	below ground surface
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 Energy – Engineering, Environmental, Property Directorate
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.
LGAC	liquid-phase granular activated carbon
LNAPL	light nonaqueous phase liquid
MCL	maximum contaminant level
MTBE	methyl tertiary butyl ether
ND	nondetect
NPDES	National Pollutant Discharge Elimination System
NSZD	natural source zone depletion
PVC	polyvinyl chloride
QA	quality assurance
QC	quality control
RAB	Restoration Advisory Board
RTO	regenerative thermal oxidizer
RWQCB	Regional Water Quality Control Board, Los Angeles Region

scfm	standard cubic feet per minute
SFPP	SFPP, L.P.
SGI	The Source Group, Inc.
site	Defense Fuel Support Point, Norwalk, California
SVE	soil vapor extraction
SWRCB	California State Water Resources Control Board
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 indirect subsidiary of Kinder Morgan, Inc. (Kinder Morgan), and the Defense Logistics Agency Energy – Engineering, Environmental, Property Directorate (DLA), this semiannual groundwater monitoring report has been prepared by 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 2020. The site location and vicinity are shown on Figure 1.

The results documented in this report are based on groundwater monitoring conducted in accordance with sampling and analysis plans prepared by SFPP (CH2M², 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 Jacobs, 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. Jacobs 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 characterized 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 (JP-4), jet propellant 5 (JP-5), and jet propellant 8 (JP-8)
- 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.

This report provides information pertaining to the first semiannual groundwater monitoring event of 2020 (conducted May 4 through June 10, 2020) and includes groundwater gauging and sampling data from selected wells throughout the 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 2020 and an updated description of the status of the dissolved-phase and liquid-phase hydrocarbon plumes.

² CH2M is now part of Jacobs.

2. Field and Laboratory Activities

2.1 Semiannual Groundwater Monitoring

Groundwater levels were gauged and samples were collected by Blaine Tech and SGI May 4 through June 10, 2020.

Overall, water levels were measured in 189 wells, of which 11 were dry. Three Exposition aquifer wells were gauged more than once because they are included in the sampling and analysis plans for both SFPP and DLA (EXP-1, EXP-2, and EXP-3). In total, 129 samples were collected from 125 wells, including 13 duplicate samples; 3 split samples from EXP-1, EXP-2, and EXP-3; and one repeat sample at GMW-8. Groundwater samples were not collected at wells containing measurable free product.

Sampling was conducted using low-flow sampling methods, as described in Section 2.2. Tables 2 and 3 list the wells that were gauged and sampled during the first semiannual 2020 event, respectively, and provide their associated groundwater elevations and analytical results. Well gauging and sampling records for the semiannual event are provided in Appendix A.

Three wells monitored by DLA (GMW-40, GW-4, and GW-14R) were not gauged or sampled this reporting period because they were either inaccessible or could not be located. Efforts will be made to gauge and sample these wells during the next semiannual monitoring event.

2.2 Field and Laboratory Methods

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

2.2.1 Field Methods

Prior to initiating well gauging, purging, and sampling activities, SFPP and DLA remediation systems were shut down for approximately 1 week. Field technicians used an electronic water level sounder to measure depth to water in each well that did not contain measurable free product and used an electronic oil-water interface probe to measure the depth to water and free product thickness in wells containing measurable free product. 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 using low-flow purge techniques at a rate of approximately 100 to 500 milliliters per minute. During purging, groundwater field parameters (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, and samples for DLA were collected using a 2-inch-diameter Mega-Monsoon submersible pump. New or dedicated tubing was used to sample each well. Well gauging and sampling records are provided in Appendix A.

Water samples were collected after groundwater field parameters stabilized (less than 10 percent change between successive measurements). 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 (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

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. As indicated above, DLA and SFPP remediation systems, including groundwater extraction (GWE), air sparging and biosparging systems, and soil vapor extraction (SVE) systems were shut down approximately one week prior to the first semiannual 2020 groundwater gauging and sampling activities to allow the aquifer to return static conditions.

Free product thickness, depth 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 elevation contours for the uppermost groundwater zone, along with estimated extent of free product, are shown on Figure 2. Historical groundwater level measurements, free product thicknesses, and groundwater elevations are presented in Appendix C.

In keeping with precedent, 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) because they have been determined over time to be less representative of aquifer conditions
- Other wells with groundwater elevations that were inconsistent with surrounding groundwater elevations, which could be due to natural siltation causing occlusion of a portion of well screens

3.1 Groundwater Flow Conditions

3.1.1 Uppermost Groundwater Zone

During the first semiannual 2020 monitoring event, groundwater elevations used in contouring the potentiometric surface of the uppermost groundwater zone ranged from 37.93 feet above mean sea level (amsl) in GMW-48 (in the northeast portion of the site) to 45.63 feet amsl at GMW-36 (in the southeast portion of the site). Overall, groundwater elevations across the site increased by an average of 0.94 foot compared to the second semiannual 2019 monitoring event. The largest increase was observed at GMW-35R (+4.63 feet), located in the south-central portion of the site. Groundwater elevations in 110 wells were lower during this monitoring event compared to the second semiannual 2019 monitoring event, with the largest decrease at MW-14 (-1.91 feet), located in the northwest portion of the site.

Compared to April 2019, year-over-year groundwater elevations across the site decreased an average of -0.41 foot, with the largest decrease observed at GMW-20 (-10.55 feet) in the north-central area (SGI, 2019). Groundwater elevations in 50 wells were lower than those reported in April 2019. The largest decrease in groundwater elevation was measured at MW-17 (-3.73 feet), located on the northeast portion of the site.

The estimated average horizontal hydraulic gradient during this event was 0.0016 foot per foot (ft/ft) in the central portion of the site. Groundwater flow at the site is primarily converging toward the groundwater depressions and diverging away from groundwater mounds. During the first semiannual 2019 event, groundwater flow was primarily to the west/northwest, with groundwater mounds in the southwest, southeast,

northwest, and northeast areas (Jacobs, 2019a). In October 2019, groundwater flow conditions were different than those in April 2019, with groundwater mounding absent in all locations except in the central portion of the site around TF-19 and the southeast portion of the site around GMW-O-15.

The potentiometric surface interpreted from the May 2020 gauging data is relatively similar to that reported in October 2019 (SGI, 2019). As shown on Figure 2, several groundwater depressions are interpreted in the southwestern area, focused primarily around GMW-O-21, MW-O-2, GMW-26, and WCW-5. Groundwater depressions are also present in the north-central area around TF-24, TF-14, and GMW-18, and in the northeastern area around GMW-48. Groundwater elevations at interpreted depressions decreased a maximum of approximately 2.5 feet. Interpreted groundwater mounds are present in the south-central area around GMW-O-11, GMW-O-12, MW-O-1, and GMW-29, southeast area around GMW-36, GMW-O-15, and GMW-O-16, and north-central area around RTF-18-NW. Groundwater elevations at interpreted mounds increased a maximum of approximately 2.5 feet.

Interpreted groundwater depressions and mounding are likely attributed to natural subsurface influences. Likewise, the groundwater depression interpreted around GMW-O-21 is likely due to the residual effect of groundwater extraction at the well.

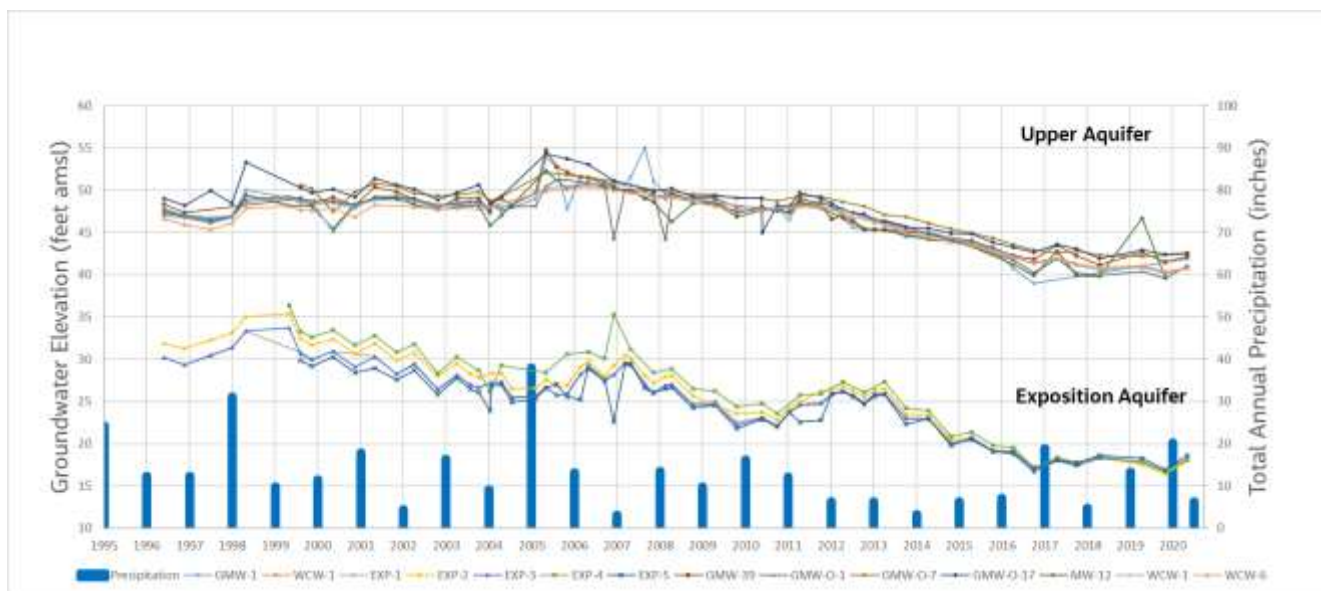
Groundwater levels in MW-18 (MID), MW-19 (MID), MW-20 (MID), MW-21 (MID), and MW-22 (MID), screened in the lower section of the uppermost aquifer, varied from groundwater levels measured in nearby wells installed in the upper portion of the uppermost aquifer. Groundwater elevations in these five "MID" wells ranged from 37.71 feet amsl in MW-18 (MID) to 41.63 feet amsl in MW-21 (MID) during May 2020.

3.1.2 Exposition Aquifer

Groundwater levels measured in the five Exposition aquifer wells, EXP-1 through EXP 5, located on and near the site, ranged from 17.91 feet amsl in EXP-2 (in the southwestern area) to 18.60 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, groundwater flow direction and estimated horizontal hydraulic gradients for the Exposition aquifer in May 2020. Groundwater elevations in the Exposition aquifer were between 0.25 and 0.42 foot higher than those measured during the first semiannual 2019 event (Jacobs, 2019a), and ranged from no change to 1.72 feet higher than those measured in October 2019 (SGI, 2019). In the central and northwestern portions of the site, the horizontal hydraulic gradient in May 2020 was 0.002 ft/ft toward the east-southeast. In the eastern and southeastern offsite areas, the gradient was 0.0004 ft/ft toward the northwest. The overall groundwater flow pattern is distinct from that observed in October 2019 (SGI, 2019), but is similar to what was observed during the April 2019 monitoring event (Jacobs, 2019a). The groundwater flow direction in the Exposition aquifer is significantly 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 30 feet (see Exhibit 1). This vertical gradient observed across the Bellflower aquitard is consistent with historical conditions and indicates that the aquitard impedes groundwater flow from the uppermost aquifer to the Exposition aquifer.

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



CIMIS, 2020

3.2 Distribution of Free Product

During this semiannual monitoring event, measurable free product was observed in 9 of the 189 wells that were gauged:

- North-central area: TFR-22, TFR-24, TFR-29, RTF-18-NNW, RTF-18-NW, and RTF-18-E
- Eastern area: GMW-68
- South-central area: GMW-O-12
- Southwestern area: GMW-23

Free product was detected at thicknesses ranging from 0.01 foot in GMW-68 to 3.93 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 monitoring 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, south-central area, and southwestern area.

Free product thicknesses measured in wells in the north-central area ranged from 0.02 foot in TFR-24 to 2.93 feet in TFR-29. Compared to both the April and October 2019 monitoring events, the thickness and extent of free product in north-central area wells generally decreased. Free product thicknesses decreased an average of 0.24 foot relative to October 2019 (SGI, 2019), and increased 0.43 foot relative to April 2019 (Jacobs, 2019a). The largest decrease in product thickness in the north-central area relative to the April 2019 event occurred at RTF-18-NW (-0.17 foot). The largest decrease relative to the October 2019 event occurred at TFR-24 (-1.34 feet).

In the eastern area, the extent of free product was interpreted based on a measured free product thickness of 0.01 foot in well GMW-68. Product thickness has not changed in GMW-68 since 2019. Free product at GMW-58 was not detected during this event.

The extent of free product in the south-central area has contracted when compared to 2019 monitoring events, with free product detected in only one well (GMW-O-12) in the south-central area at a thickness of 0.31 foot. Relative to the October 2019 and April 2019 events, product thickness decreased 0.29 foot and 0.10 foot, respectively (Jacobs, 2019a). The decrease in product thickness, as well as the overall reduction in free product extent, is likely 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).

Free product was detected in the southwestern area at well GMW-23, at a measurable thickness of 1.46 foot. Detectable product was not observed at this well in 2019.

Free product was not observed in the southeastern area in May 2020. Free product was not detected in this area during the April 2019 monitoring event, but it was observed at GMW-36 at a thickness of 0.02 foot during the October 2019 monitoring event (Jacobs, 2019a; SGI, 2019).

The overall mapped extent of free product across the site has decreased compared to what was observed in 2019. 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. Additionally, continued operation of sitewide remediation systems will continue to treat and reduce the presence of residual light nonaqueous phase liquid (LNAPL), as well as natural source zone depletion (NSZD) processes.

4. Groundwater Quality

This section presents the groundwater analytical laboratory testing results for the first semiannual 2020 monitoring event, related quality assurance/quality control (QA/QC) procedures, waste management activities, and health and safety protocol.

4.1 Results for the First Semiannual 2020 Groundwater Monitoring Event

The first semiannual 2020 groundwater monitoring 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. The contours for TPH, benzene, 1,2-DCA, MTBE, and TBA are shown on Figures 4 through 8, respectively. Analytical results from this semiannual monitoring event and the two previous semiannual monitoring events (October 2019 and April 2019) are also posted on these figures. The data labels are color-coded to indicate whether concentrations from the May 2020 semiannual event are increasing, decreasing, or stable compared to concentrations from the April 2019 semiannual event. A blue data label indicates a decrease in concentration greater than or equal to 10 percent year-over-year, a red label indicates an increase greater than or equal to 10 percent year-over-year, and a white label indicates that the change is less than 10 percent year-over-year 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 May 2020 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 2020 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 used in the isoconcentration contouring. The concentrations of TPH-g and TPH-d components are listed separately in Table 3.

TPH-g was detected in 22 wells at the site in May 2020, with a maximum reported concentration of 9,200 micrograms per liter ($\mu\text{g/L}$) in GMW-O-15 and MW-O-2 located in the southeastern and southwestern areas. TPH-d was detected in 62 wells, with a maximum reported concentration of 130,000 $\mu\text{g/L}$ in GMW-62 in the northeastern area. A maximum combined TPH concentration was also associated with GMW-62 (132,200 $\mu\text{g/L}$).

As shown on Figure 4, 60 wells had TPH concentrations that changed by more than 10 percent relative to the April 2019 sampling event:

- The largest decrease was reported at GMW-36 (19,000 $\mu\text{g/L}$ in April 2019 to 1,000 $\mu\text{g/L}$ in May 2020), located in the southeastern area of the site. These concentrations are within the historical range for this well, as indicated by the data provided in Appendix D.
- The largest increase occurred at MW-15R (<50 $\mu\text{g/L}$ in April 2019 to 258 $\mu\text{g/L}$ in May 2020), located in the southeastern area. This concentration is a historical high for this well, as indicated by the data provided in Appendix D.

- Wells in which TPH was detected during April 2019 but not detected in May 2020 include GMW-28, GMW-O-19, GMW-64, MW-26, GMW-60, GMW-66R, GW-6, GW-8, MW-16, MW-17, GMW-17R, GMW-41, GMW-48, GMW-61, MW-27, MW-29, TF-9R, and MW-24.

Wells at which TPH concentrations were nondetect (ND) in April 2019, but detected in May 2020 include WCW-4, HL-2, MW-12, MW-15R, MW-18 (MID), EXP-1, MW-6, GMW-13, GW-3, and MW-13. Additionally, the following wells contained concentrations of TPH-g and/or TPH-d in May 2020 that represent new historical minimum or maximum concentrations (excluding wells with fewer than three data points):

- New historical minimum TPH-g concentration: GMW-25, GMW-57, TF-15, TF-17R, and TF-20R.
- New historical maximum TPH-g concentration: GMW-35R, GMW-57, MW-15R, TF-15, TF-17R, and TF-23.
- New historical minimum TPH-d concentration: GMW-13, GMW-15, GMW-21, GMW-57, GMW-58, GMW-67, GMW-O-16, GMW-O-23, GW-13, GWR-1R, HL-2, MW-6, MW-SF-4, TF-15, TF-16, TF-17R, TF-21, and TF-24.
- New historical maximum TPH-d concentration: WCW-4, GMW-62, and TF-23.

The areal extent of TPH shown on Figure 4 is relatively similar to the extent inferred during the October 2019 monitoring event (SGL, 2019). Other observations regarding the May 2020 TPH plumes (and specifically, significant changes relative to the October 2019 monitoring event) include the following:

- Northwestern offsite area:
 - TPH was detected at offsite well WCW-4 for the first time at a concentration of 110 µg/L. This is a low-level detection; however, WCW-4 will continue to be monitored for changes.
- Western area:
 - Contraction of a minor plume underlying the area of former Tank 80009 to the north was observed based on the ND result at MW-19 (MID).
- TPH was detected in one Exposition aquifer well (EXP-1) at a concentration of 64 µg/L. This detection is within the historical range.

4.1.2 Benzene

Figure 5 presents the benzene isoconcentration contours interpreted from groundwater data collected during the May 2020 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 26 wells in May 2020, and concentrations ranged from ND to a maximum of 5,500 µg/L in southwestern area well MW-O-2. Excluding wells with fewer than three data points, new historical minimum benzene concentrations were reported at MW-SF-13, and TF-20R. Likewise, historical maximum benzene concentrations were reported at GMW-35R, GMW-57, TF-15, TF-17R, and TF-23.

As shown on Figure 5, the following wells had benzene concentrations that increased or decreased by more than 10 percent relative to April 2019:

- Decrease: MW-SF-15, MW-SF-6, PZ-5, GMW-36, GMW-O-20, GWM-O-21, GMW-19, TF-20R, TF-21, and GWM-59.
 - The largest decrease was reported at GMW-O-20, located in the southeastern area of the site, which decreased from 240 µg/L in April 2019 to 56 µg/L in May 2020. Benzene concentrations at this well have historically ranged from 0.27 µg/L to 17,000 µg/L (in October 2010).

- Increase: GMW-30, GMW-67, GMW-69, GMW-47, GMW-57, GMW-35R, GMW-7, TF-23, MW-SF-4 and MW-O-2.
 - The largest increase occurred at MW-O-2, located in the offsite southwestern area, which increased from 980 µg/L in April 2019 to 5,500 µg/L in May 2020. Benzene concentrations at this well have historically ranged from 87 µg/L to 17,000 µg/L (in October 2013).
- Detect to ND: GMW-O-21, GMW-59, and TF-21.
- ND to Detect: GMW-67, GMW-69, GMW-47, GMW-57, GMW-35R, GMW-7, and TF-23.

Overall, the areal extent of benzene shown on Figure 5 is similar to the extent inferred during the October 2019 monitoring event (SGI, 2019). Other observations regarding the May 2020 benzene plumes (and specifically, significant changes relative to the October 2019 monitoring event) include the following:

- Northern area:
 - The extent of benzene has increased from the central plume to the east and west due to detections in wells TF-15, GMW-47, and GMW-57.
- South-central area:
 - The extent of the plume expanded to the west and to the south due to free product detected in wells GMW-23 and GMW-O-12.
- 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 May 2020 semiannual monitoring event. The California primary MCL for 1,2-DCA is 0.5 µg/L (SWRCB, 2017). Analytical results reported during this semiannual event indicate that 1,2-DCA was detected in 10 wells, and detected concentrations ranged from 0.66 to a maximum of 12 µg/L in west-central area well MW-20 (MID). A new historical maximum was reported at GWR-1R (1.3 µg/L).

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 2019:

- Decrease: MW-7, MW-19 (MID), MW-21 (MID), GMW-28, MW-6, WCW-7, and GMW-O-10.
 - The largest decrease was reported at WCW-7, located in the northwestern offsite area, which decreased from 14 µg/L in April 2019 to 6.7 µg/L in May 2020. Over the period of record, 1,2-DCA concentrations at this well have ranged from ND (in October 2016) to 140 µg/L (in September 2001).
- Increase: WCW-6 and MW-22 (MID).
 - The largest increase was reported at WCW-6, located in the west-central offsite area, which increased from 0.54 µg/L in April 2019 to 1.8 µg/L in May 2020. Over the period of record, 1,2-DCA concentrations at this well have ranged from ND (multiple events) to 220 µg/L (in November 1996).
- Detect to ND: GMW-28, MW-7, and GMW-O-14.
- ND to Detect: MW-22 (MID).
- 1,2-DCA is primarily present in the west/southwest portion of the site. The areal extent of 1,2-DCA presented on Figure 6 is nearly identical to that inferred in October 2019 (SGI, 2019). 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. The West Side Barrier will remain inactive until and unless concentrations in groundwater warrant reactivation.

4.1.4 Methyl Tertiary Butyl Ether

Figure 7 presents the MTBE isoconcentration contours interpreted from groundwater data collected during the May 2020 semiannual monitoring event. MTBE was detected in 29 wells in May 2020; concentrations ranged from ND to a maximum of 3,100 µg/L in southeastern offsite well GMW-O-15. With the exception of wells MW-20 (MID), MW-O-2, GMW-O-15, GMW-47, GMW-35R, and TF-23, which had concentrations ranging from 14 µg/L to 3,100 µg/L, detections were below the California primary MCL for MTBE (13 µg/L) (SWRCB, 2017).

Excluding wells with fewer than three data points, a new historical minimum MTBE concentration was reported at GMW-1, GMW-7, GMW-O-14, GMW-O-20, MW-9, MW-O-2, PZ-2, and WCW-6, and a new historical maximum concentration was reported at GMW-35R and TF-23.

As shown on Figure 7, the following wells had MTBE concentrations that changed by more than 10 percent relative to April 2019:

- Decrease: GMW-30, GMW-9, MW-SF-15, PZ-2, GMW-28, MW-21 (MID), MW-6, MW-O-2, PZ-5, WCW-7, GMW-36, GMW-O-14, GMW-O-20, GMW-O-21, GW-6, GMW-57, GW-2, MW-22 (MID), GMW-21, and MW-24.
 - The largest decrease was reported at GMW-O-20, located in the south-central onsite area, which decreased from 22 µg/L in April 2019 to 3.8 µg/L in May 2020. Over the period of record, MTBE concentrations at this well have ranged from ND (several occurrences) to 51 µg/L (in June 2016).
- Increase: WCW-6, MW-SF-13, MW-18 (MID), MW-SF-6, GMW-O-16, MW-9, GMW-O-23, GMW-19, GMW-47, MW-27, GMW-35R, GMW-7, and TF-23.
 - The largest increase was reported at TF-23, located in the north-central area, which increased from 1.0 µg/L in April 2019 to 17 µg/L in May 2020. Over the period of record, MTBE concentrations at this well have ranged from 1.0 µg/L April 2019 to 17 µg/L (this event).
- Detect to ND: GMW-O-21, GW-6, GMW-57, GW-2, MW-22 (MID), GMW-21, and MW-24.
- ND to Detect: GMW-O-16, MW-27, GMW-35R, and GMW-7.

Overall, the areal extent of MTBE shown on Figure 7 is very similar to the extent inferred during the October 2019 monitoring event (SGI, 2019). Other observations regarding the May 2020 MTBE plumes (and specifically, significant changes relative to the October 2019 monitoring event) include the following:

- Northern area:
 - With detections at WCW-6, WCW-7, and MW-27 (northwest) and GMW-7 and GMW-19 (north-central), these areas are represented by two large plumes.
 - A larger continuous plume is depicted in the northeast, encompassing detections at GMW-47, GMW-35R, GMW-47, TF-23, and GMW-19.
 - The extent of the plume in the northwestern portion of the site has expanded to the south with a detection at WCW-6.
- MTBE was detected in one Exposition aquifer well (EXP-2) at a concentration of 0.59 µg/L, which is within the historical range.

4.1.5 Tertiary Butyl Alcohol

Figure 8 presents the TBA isoconcentration contours interpreted from data collected during the May 2020 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 19 wells in May 2020, and concentrations ranged from ND to a maximum of 120,000 µg/L in PZ-5 (duplicate sample), which is located in the southeastern area of the site. Excluding wells with fewer than three data points, new historical minimum TBA concentrations were reported at GMW-18 and GMW-57, and new historical maximum concentrations were reported at GMW-47, GMW-O-20, and TF-23.

As shown on Figure 8, the following wells had TBA concentrations that increased or decreased by more than 10 percent relative to April 2019:

- Decrease: WCW-6, GMW-26, GMW-30, GMW-9, GMW-O-21, GMW-7, GMW-28, MW-20 (MID), GMW-O-23, GMW-57, and PZ-5.
 - The largest decrease was reported at PZ-5, located in the southeastern area, which decreased from 150,000 µg/L in April 2019 to 120,000 µg/L (duplicate sample) in May 2020. Over the period of record, TBA concentrations at this well have ranged from ND to 2,800,000 µg/L (in April 2014).
- Increase: MW-18 (MID), GMW-47, MW-SF-15, MW-SF-6, MW-19 (MID), MW-O-2, GMW-36, GMW-O-20, GMW-35R, and TF-23.
 - The largest increase was reported at GMW-36, located in the southeastern area, which increased from 2,200 µg/L in April 2019 to 8,300 µg/L in May 2020. Over the period of record, TBA concentrations at this well have ranged from ND to 13,000 µg/L (in September 2010).
- Detect to ND: WCW-6, GMW-26, GMW-30, GMW-9, GMW-O-21, and GMW-7.
- ND to Detect: MW-18 (MID), and GMW-47.

Overall, the areal extent of TBA in groundwater beneath the site presented on Figure 8 is larger than what was reported during the October 2019 monitoring event (SGI, 2019). Other observations regarding the April 2019 TBA plumes (and specifically, significant changes relative to the October 2019 monitoring event) include the following:

- North-central/eastern area:
 - Smaller plumes around GMW-21 and GMW-7 detailed in the October 2019 interpretation are no longer present. A small plume was present around GMW-18 during this event. The main plume expanded westward slightly due to a detection at TF-23. The northwesternmost plume around GW-13 interpreted in October 2019 was not present during this event based on the ND result, and the two smaller plumes interpreted in October 2019 around MW-20 (MID) and MW-19 (MID) are shown as one continuous plume during this event.
- South-central area:
 - An isolated plume is shown around GMW-28 during this event, apart from the main plume, which is a minor difference from that interpreted during the October 2019 event. The plume extent in the south-central area has expanded to the northwest and the southeast.
- 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 May 2020 sampling event (RWQCB, 2009a,

2009b). Analytical data for these compounds are provided in Table 3. TAME was detected in one well, GMW-O-15, at a concentration of 34 µg/L; ETBE was detected in one well, PZ-5, at a concentration of 3.3 µg/L; DIPE was detected in 11 wells—WCW-7, MW-SF-15, MW-SF-6, GMW-O-14, GMW-O-23, MW-18 (MID), GMW-O-20, MW-19 (MID), MW-20 (MID), GMW-28, and GMW-30—with concentrations ranging from 1.2 µg/L at MW-18 (MID) to 85 µg/L at MW-SF-15. There are no MCLs for TAME, ETBE, or DIPE.

4.2 Quality Assurance/Quality Control

Alpha Analytical, Inc., and American Analytics did not report any significant QA/QC issues with the analytical work performed as part of the May 2020 semiannual event. A total of 13 field duplicates, 18 equipment blanks, and 13 trip blanks were collected between May 4 and June 10, 2020. All field blanks were reported as ND for all analytes of concern. Groundwater analytical results are summarized in Tables 5 and 6.

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 the COVID-19 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

This section provides a brief update on SFPP and DLA remediation system operations and effectiveness. Both entities continue to submit quarterly remediation progress reports to the RWQCB and the Restoration Advisory Board (RAB), so additional details may be reviewed in those reports. In addition, DLA created a website (www.norwalkrab.com) to store and present relevant project information, including agendas, minutes, and presentations from RAB meetings dating back to 1994. Historical project information and reports are also located in the information repository at the Norwalk Regional Library.

5.1.1 DLA

Remediation technologies used at the site by DLA consist of GWE, SVE, biosparging, and recovery of free product. DLA conducts GWE from two pumping wells (GMW-31 and GW-14R) in the central area of the site, and from one well (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. The system was shut down on February 27, 2019, pending approval of the sewer discharge permit application. The GWE system was restarted on October 10, 2019, and is operating in accordance with the Sanitation Districts of Los Angeles County Industrial Wastewater Discharge Permit (SGI, 2020).

SVE is conducted using both a carbon adsorption system for lower-concentration wells and a thermal oxidation system for relatively high-concentration wells. A temporary thermal oxidizer was formerly operated until January 8, 2019 but has since been replaced with a permanent full-scale system that began operating on March 13, 2019, following the completion of installation and testing activities. Soil vapors are extracted from a network of vertical and horizontal wells that span the entire former aboveground tank farm and former truck fueling areas, and from the northeastern, eastern, and southern areas of the site.

The biosparge system has been offline since the advent of recently completed soil cleanup activities, which are summarized below and detailed in SGI's January 2018 Shallow Soil Closure Report (SGI, 2018a). System recommissioning work was completed during the previous reporting period in accordance with SGI's June 30, 2017, Remediation Well Installation Update Report (SGI, 2017), and July 11, 2018, Well Installation Completion Report (SGI, 2018b). The recommissioned biosparge system includes a total of 11 air supply trunklines connected to 19 control vaults that distribute the injection air to 109 biosparge wells targeting the former tank farm and eastern, central, and southern areas of the site. Biosparge system shakedown testing was conducted during mid-December 2018, with system operations resuming in late December 2018/early January 2019.

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-15, TF-16, TF-18, TFR-9, TFR-12, TFR-15, TFR-22, TFR-24, TFR-29, 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 (initial phase of product recovery well expansion and tie-in activities completed during early October 2018). Currently, DLA is completing the manifolding of more than 5 miles of conveyance piping for these recovery wells.

DLA 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 (SGI, 2016) has been approved by the RWQCB.

5.1.2 SFPP

Kinder Morgan operates remediation systems consisting of SVE, horizontal biosparge, TFE (extraction of free product and/or groundwater using a top-loading pump), GWE (extraction of groundwater using a bottom-loading pump), and treatment of extracted soil vapors and groundwater to address the south-central and southeastern areas of the site. The following system summaries have been excerpted from the SFPP Second Quarter 2020 Remediation Progress Report (Jacobs, 2020b).

Groundwater Treatment System

Generally, the TFE and GWE systems, collectively referred to as the groundwater treatment system (GWTS), 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. The GWTS processes free product and groundwater recovered from the south-central, offsite/south central, and southeastern parts of the site. Free product and groundwater recovered by pneumatically operated, top loading total fluid pumps and bottom-loading groundwater pumps are piped to a dissolved air flotation unit (oil-water separator [OWS]). Currently, groundwater is being extracted from well GMW-O-15 in the southeastern area and three wells in the offsite/south-central area, including GMW-O-11, GMW-O-20 and GMW-O-21, with plans to activate extraction wells MW-O-2 (offsite/south-central area), GMW-O-18 (southeastern area), and one additional well (to be determined) in the near term.

Free product, if any, from the OWS is collected in a storage tank and recycled at an offsite location. Water from the OWS is conveyed to a 300-gallon tank and then treated using liquid-phase granular activated carbon (LGAC) to remove hydrocarbons including BTEX. Treated water is routed through an onsite 3,000-gallon equalization tank. Two fluidized bed bioreactors installed downstream of the equalization tank treat fuel oxygenates TBA and MTBE. The treated groundwater then passes through polishing LGAC units prior to discharge to a storm drain that leads to Coyote Creek. Discharge to Coyote Creek is performed in accordance with an NPDES permit (Permit No. CA0063509; Order No. R4 2016-0309). Additionally, SFPP conducts manual bailing of free product from select wells, as needed.

Horizontal Biosparge System

In December 2015, Kinder Morgan completed installation of a horizontal biosparge system in the south-central area of the site, which consists of a horizontal biosparge well (BS-01) and a 500-standard-cubic-foot-per-minute (scfm) compressor. To reduce the potential for off gassing of VOCs while biosparging, the SVE system (described below) has an interlock that will not allow the biosparge to operate without the SVE system running. The biosparge well is constructed of 4-inch-diameter Schedule 80 polyvinyl chloride (PVC) casing and screen completed to a vertical depth of approximately 45 feet below ground surface (bgs). The lateral distance of the screen interval is 600 feet centered below the central portion of the south-central area hydrocarbon plume. Further details regarding the construction of the biosparge well are documented in Horizontal Biosparge Well and Soil Vapor Monitoring Probe Completion Report (CH2M, 2015).

A second horizontal biosparge well (BS-02) was installed in the southeastern area of the site in November 2017. The design of the second biosparge well is similar to the south-central biosparge well, consisting of 4-inch-diameter Schedule 80 PVC casing and screen completed to a vertical depth of approximately 45 feet bgs. The lateral distance of the screen interval is 240 feet centered below the southeastern area hydrocarbon plume. A construction completion report documenting construction activities and specifications was submitted on July 12, 2018 (Jacobs, 2018). The 500-scfm sparge compressor was turned off temporarily and a new air sparge compressor (883 scfm) was installed in the fourth quarter 2018 to deliver ambient air to both the south-central and southeastern sparge wells. The 500-scfm and 883-scfm compressors are appropriately sized to deliver ambient air to both the south-central and southeastern sparge wells, and to allow for future system expansion.

A new horizontal biosparge well (BS-03) was installed in the offsite/south-central area in December 2019. The biosparge well is constructed of 4-inch-diameter, Schedule 80 PVC casing and screen, and completed to a depth of approximately 45 feet bgs. The length of the BS-03 well screen is 500 feet and the total length of the well is 770 feet. BS-03 is centered below the offsite/south-central area hydrocarbon plume. A construction completion report documenting construction activities and specifications was submitted to the RWQCB in June 2020 (Jacobs, 2020a).

BS-01 remains offline as part of the NSZD pilot study being conducted at the site. BS-02 was turned on in May 2020 and is currently operating at a flow of 180 scfm. BS-03 is currently inoperative and is expected to be turned on in late-2020 or early-2021 after it is connected to the treatment system.

Soil Vapor Extraction System

SVE is performed using a blower to remove soil vapors from the south-central and southeastern areas of the site. The extracted vapors are conveyed to a knock-out tank that separates entrained moisture from the soil vapors. Accumulated moisture in the knock-out tank is treated by the main GWTS. The soil vapors are then treated in a regenerative thermal oxidizer (RTO) where VOCs are converted to carbon dioxide and water prior to being discharged to the atmosphere. Operation of the GWTS and SVE system is conducted in accordance with Permits to Operate (Permit No. G46188 A/N 578779 and No. G46187 A/N 578777) issued by the South Coast Air Quality Management District.

The south-central SVE system remains offline as part of the NSZD pilot study. The expanded southeastern SVE system was restarted on May 15, 2020. The well network includes VEW-3, VEW-4, PZ-5, GMW-O-16, GMW-O-19, and MW 8; and TFE/SVE wells GMW-O-15, GMW-O-18, and GMW-36. These wells connect to the RTO via a new, dedicated, 1,200-foot-long, 6-inch high-density polyethylene (HDPE) header. The expanded southeastern SVE system is currently operating at a combined flow of 200 scfm, under a vacuum pressure of 50 inches of water. In addition, there are four SVE wells currently operating in the offsite/south-central area, including GMW-O-11, GMW-O-12, GMW-O-20, and GMW-O-23.

A new horizontal SVE well (HSVE-01) was installed in the offsite/south-central area in December 2019 and is designed to extract vapors created from operating the new horizontal biosparge well BS-03, described earlier. Horizontal SVE well HSVE-01 is constructed of 6-inch-diameter Schedule 10 stainless-steel casing and screen and was completed to a depth of approximately 20 feet bgs. The length of the HSVE-01 screen is 500 feet, and the total length of the well is 745 feet. A construction completion report documenting construction activities and specifications was submitted to the RWQCB in June 2020 (Jacobs, 2020a). HSVE-01 is currently inoperative and is expected to be turned on in late-2020 or early-2021 after it is connected to the treatment system.

Natural Source Zone Depletion Pilot Study

As a potential adjunct interim remedy, in May 2020, Kinder Morgan implemented an NSZD performance monitoring pilot study in the south-central and southeastern areas of the site, as described in the NSZD Work Plan (Jacobs, 2019b), and approved by the RWQCB in a letter dated April 8, 2020 (RWQCB, 2020). NSZD is a

term used to describe the collective, naturally occurring processes of dissolution, volatilization, and biodegradation that result in mass losses of LNAPL petroleum hydrocarbon constituents from the subsurface. Under favorable conditions, NSZD processes are often capable of contaminant reduction rates on par with active remedies.

The purpose of the NSZD pilot study is to evaluate the rate of NSZD under the following conditions at the site:

- 1) South-central area prior to horizontal biosparging operations (based on historical soil vapor probe data)
- 2) South-central area following nearly 3 years of treatment with horizontal biosparging
- 3) Southeastern area prior to the startup of the recently installed horizontal biosparging system
- 4) Southeastern area following the operation of the recently installed horizontal biosparging system

To facilitate the pilot study, heretofore active remedies (SVE, biosparge, and TFE) in the south-central area have been temporarily suspended to allow for data collection in that area under ambient conditions, while active remedies in the southeastern and offsite/south-central areas continue to operate.

The pilot study consists of three separate sampling/monitoring events over the course of 18 months, whereby complementary field methodologies will be used to collect carbon dioxide efflux measurements and soil gas samples for laboratory analysis. These new data, coupled with historical soil vapor monitoring data, will be used to calculate current NSZD rates, which will be evaluated in conjunction with other remediation performance monitoring data such as SVE influent and effluent concentrations, groundwater hydrocarbon concentrations, and TFE influent and effluent data. Ultimately, the NSZD pilot study will inform the approach for potentially transitioning to an NSZD remedy at the site.

The first (baseline) NSZD sampling/monitoring event was conducted in May 2020, with the south-central remediations systems turned off, and just prior to startup of the southeastern remediation systems. The second event is scheduled to occur approximately 3 months after the first event, and the third event is scheduled to occur approximately 6 to 9 months after the first event. NSZD pilot study results will be included in quarterly remediation progress reports beginning in the third quarter of this year (2020); the third quarter 2020 report is due to the RWQCB on October 15, 2020.

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. Moreover, treatment systems appear to be reducing the extent of residual free product across the site.

- With the exception of detections of TPH at WCW-4 and WCW-7, 1,2-DCA at WCW-6 and WCW-7, and MTBE at WCW-6 and WCW-7, dissolved-phase constituents have not been detected offsite to the west, indicating the plumes in the western area generally have been contained onsite.
- Dissolved constituents appear to be confined to the site in the north-central/northeastern areas indicating remedial systems in these areas are effective in preventing migration offsite to the north.
- Relative to the October 2019 monitoring event, the offsite extent of TPH in the south-central and southeastern areas has remained consistent. 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 and southeastern areas and monitor for TPH, BTEX, MTBE, and other constituents.

- 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.

5.2.1 Summary of Hydrocarbon Mass Removal from the SFPP GWTS

A total of 311,950 gallons of groundwater has been extracted so far in 2020. Approximately 107.7 million gallons of groundwater has been extracted from the south-central, southeastern, and West Side Barrier areas since GWTS operations first began in 1996.

Since 1995, a total of 14,426 gallons of product has been removed by TFE, vacuum truck, or manual bailing operations. Mass removal estimates between 1996 and 2005 are based on BTEX and MTBE concentrations in the groundwater influent (TPH data were not available) and total volume of extracted groundwater. Mass removal estimates between 2006 and 2011 are based on groundwater influent concentrations of TPH-g and TPH quantified as fuel product, and the total volume of extracted groundwater. Mass removal estimates between 2012 and the second quarter 2020 are based on groundwater influent TPH-total concentrations (TPH-total includes TPH-g, TPH-d, and TPH quantified as oil) and the total volume of extracted groundwater.

Since GWE first began in 1996, hydrocarbon mass removed by the GWTS is estimated to be 18,458 pounds. So far, in 2020, the mass removal of hydrocarbons is calculated to be 0.8 pound.

5.2.2 Summary of Hydrocarbon Mass Removal from SFPP Biosparge and Soil Vapor Extraction Systems

The southeastern biosparge system has operated for 775 hours in 2020. The biosparge system flow (air injection) rate has ranged from 3 to 167 scfm in 2020. The relatively lower flow reflects the gradual, stepwise startup process.

Based on weekly monitoring of the influent vapor concentration, vapor extraction flow rate, and hours of operation, the total mass of VOCs removed by SVE so far in 2020 is 12,624 pounds. This is an increase from the second half of 2019, which is due to operating the recently expanded SVE system and horizontal biosparge well BS-02 in the southeastern area. However, total mass recovered by the SVE system has consistently decreased since the first quarter of 2016, when biosparging in the south-central area was implemented. The cumulative mass of VOCs removed since SVE was implemented in September 1995 is 3,590,476 pounds. The cumulative mass removed by SVE does not include the mass removed by naturally occurring in-situ biodegradation.

5.2.3 Summary of Hydrocarbon Mass Removal from the DLA GWTS

DLA's GWE system has extracted over 80.2 million gallons of groundwater since April 1996, with an associated mass removal estimated at nearly 10,000 pounds of diesel-range organic compounds. Over 10,200 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 2019, the GWTS only operated intermittently from January 7 to 8 and January 15 to 22, 2019, and from February 4 to 6 and February 18 to 27, 2019, pending confirmation of passing results for the monthly fish bioassay that required prior evaluation and implementation. The system remained offline pending approval of the sewer discharge permit application. The GWE system was restarted on October 10, 2019, and is operating in accordance with the Sanitation Districts of Los Angeles County Industrial Wastewater Discharge Permit.

5.2.4 Summary of Hydrocarbon Mass Removal from DLA SVE System

Additionally, the SVE system operated by DLA continues to successfully remediate the vadose zone, with over 3 million pounds of gasoline-range organic compounds removed to date.

Based on weekly monitoring of the influent vapor concentration, vapor extraction flow rate, and hours of operation, the total mass of VOCs removed by SVE was 30,459 pounds during the second quarter 2020. SVE concentrations have remained elevated since April 2019 likely due to the volatilization induced by the expanded biosparging operations in the eastern, central, and southern areas. During the first quarter 2020, central area wells TFB-21, TFB-26, TFB-27, TFB-28, TFB-31, TFB-34, TFB-16, TFB-17, TFB-20, TFB-32, TFB-36, TFB-37, and TFB-38 were brought online to target areas where the LNAPL plume had receded. Through the end of the second quarter 2020, the cumulative mass of VOCs removed since SVE was implemented in April 1996 was approximately 3,214,050 pounds. The cumulative mass removed by SVE does not include the mass removed by naturally occurring in-situ biodegradation.

6. Summary

The first semiannual 2020 groundwater monitoring event was conducted May 4 through June 10, 2020. Groundwater quality conditions observed during this monitoring event are similar to observations from the October 2019 semiannual monitoring event.

6.1 Groundwater Flow Conditions

Overall, groundwater elevations across the site increased by an average of 0.94 foot in the uppermost aquifer during the first semiannual 2020 monitoring event compared to the second semiannual 2019 monitoring event. Groundwater flow interpreted from the May 2020 gauging data is relatively similar to what was reported in October 2019. Several groundwater depressions were interpreted in the southwestern, north-central, and northeastern areas of the site. Minor groundwater mounding is present in the south-central, southeastern, and north-central areas of the site.

Groundwater flow in the Uppermost groundwater zone during this monitoring event was primarily diverging away from groundwater mounding present in the northeastern and southern portions of the site, with an estimated average horizontal hydraulic gradient of 0.0016 ft/ft in the central portion of the site. Groundwater elevations in the Exposition aquifer were between 0.25 foot and 0.42 foot higher than those measured during the first semiannual 2019 event (April 2019), and ranged from no change to 1.72 feet higher than those measured during the second semiannual 2019 event (October 2019).

Interpreted groundwater depressions and mounding are likely attributed to natural subsurface influences. Likewise, the groundwater depression interpreted around GMW-O-21 is likely due to the residual effect of groundwater extraction at the well.

6.2 Distribution of Free Product

During this semiannual monitoring event, measurable free product was observed in 9 of 189 wells that were gauged:

- North-central area: TFR-22, TFR-24, TFR-29, RTF-18-NNW, RTF-18-NW, and RTF-18-E
- Eastern area: GMW-68
- South-central area: GMW-O-12
- Southwestern area: GMW-23

Free product was detected at thicknesses ranging from 0.01 foot to 3.93 feet. The overall magnitude and extent of free product across much of the site has decreased relative to the 2019 monitoring events.

6.3 Dissolved-Phase Constituents

6.3.1 Total Petroleum Hydrocarbons

The areal extent of TPH in May 2020 was generally similar to the October 2019 interpretation. Significant changes relative to the October 2019 monitoring event include the following:

- Northwestern offsite area:
 - TPH was detected at offsite well WCW-4 for the first time at a concentration of 110 µg/L. This well will continue to be monitored.

- Western area:
 - Contraction of a minor plume underlying the area of former Tank 80009 to the north was observed based on the ND result at MW-19 (MID).
- TPH was detected in one Exposition aquifer well (EXP-1) at a concentration of 64 µg/L. This detection is within the historical range.

6.3.2 Benzene

Overall, the areal extent of benzene shown on Figure 5 is similar to the extent inferred during the October 2019 monitoring event. Significant changes relative to the October 2019 monitoring event include the following:

- Northern area:
 - The extent of benzene has increased from the central plume to the east and west due to detections in wells TF-15, GMW-47, and GMW-57.
- South-central area:
 - The extent of the plume expanded to the west and to the south due to free product detected in wells GMW-23 and GMW-O-12.
- Benzene was not detected in wells west of the site or in any of the Exposition aquifer wells.

6.3.3 1,2-Dichloroethane

The areal extent of 1,2-DCA is nearly identical to that inferred in October 2019 (SGI, 2019). 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.

6.3.4 Methyl Tertiary Butyl Ether

Overall, the areal extent of MTBE shown on Figure 7 is very similar to the extent inferred during the October 2019 monitoring event (SGI, 2019). Significant changes relative to the October 2019 monitoring event include the following:

- Northern area:
 - With detections at WCW-6, WCW-7, and MW-27 (northwest) and GMW-7 and GMW-19 (north-central), these areas are represented by two large plumes.
 - A larger continuous plume is depicted in the northeast, encompassing detections at GMW-47, GMW-35R, GMW-47, TF-23, and GMW-19.
 - The extent of the plume in the northwestern portion of the site has expanded to the south with a detection at WCW-6.

6.3.5 Tertiary Butyl Alcohol

Overall, the areal extent of TBA in groundwater beneath the site presented on Figure 8 is larger than what was reported during the October 2019 monitoring event. Significant changes relative to the October 2019 monitoring event include the following:

- North-central/eastern area:
 - Smaller plumes present around GMW-21 and GMW-7 that were detailed in the October 2019 interpretation are no longer present. A small plume was present around GMW-18 during this event. The main plume expanded westward slightly due to a detection at TF-23. The northwesternmost plume around GW-13 interpreted in October 2019 was not present during this event, and the two smaller plumes interpreted in October 2019 around MW-20 (MID) and MW-19 (MID) are shown as one continuous plume during this event.
- South-central area:
 - An isolated plume is shown around GMW-28, apart from the main plume, which is a minor difference from what was interpreted during the October 2019 event. The plume extent in the south-central area has expanded to the northwest and the southeast. TBA was not detected in wells west of the site or in any of the Exposition aquifer wells.

6.3.6 Other Fuel Oxygenates

Other fuel oxygenates including ETBE, DIPE, and TAME were analyzed during the May 2020 semiannual event. TAME was detected in one well, ETBE was detected in one well, and DIPE was detected in 11 wells (see Table 3).

6.4 Remediation 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 and reducing the extent of residual free product.

- 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 biosparge operations that have been implemented in the south-central area since January 2016. TFE and manual product removal from extraction wells will continue to be performed during the third and fourth quarters of 2020 to maximize product removal across the site.
- The low detections of TPH, MTBE, 1,2-DCA, and TBA and the estimated plume extents in the western area do not warrant restarting the West Side Barrier treatment system; however, 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	5/16/96	GMX	55	5	31.9 - 51.4	0.01	73.17
BW-2	5/20/96	GMX	53.5	5	27 - 46.5	0.01	73.57
BW-3	5/17/96	GMX	55.5	5	30.6 - 50	0.01	74.16
BW-4	5/20/96	GMX	53.1	5	28.2 - 47	0.01	74.61
BW-5	5/23/96	GMX	52.5	5	27 - 45.5	0.01	73.59
BW-6	5/22/96	GMX	52.4	5	27.6 - 46.9	0.01	73.48
BW-7	5/22/96	GMX	52	5	27.1 - 46.3	0.01	74.65
BW-8	5/21/96	GMX	51.5	5	27 - 46.4	0.01	75.08
BW-9	5/21/96	GMX	52.5	5	26.9 - 46.4	0.01	76.19
EXP-1	3/6/92	WC	128.5	4	82 - 122	0.01	78.44
EXP-2	10/15/92	WC	149	4	90 - 120	0.02	79.43
EXP-3	10/20/92	WC	150	4	85 - 115	0.01	77.58
EXP-4	7/7/98	GMX	118	4	96.1 - 115.2	0.02	79.81
EXP-5	7/8/98	GMX	120	4	94.4 - 113.4	0.02	72.41
GMW-1	5/16/91	GTI	50	4	20 - 50	0.01	74.77
GMW-2	5/16/91	GTI	50	4	20 - 50	0.01	73.57
GMW-3	5/17/91	GTI	50	4	20 - 50	0.01	75.10
GMW-4	5/21/91	GTI	50	4	20 - 50	0.01	75.45
GMW-5	5/21/91	GTI	50	4	20 - 50	0.01	77.61
GMW-6	7/9/91	GTI	50	4	25 - 50	0.01	77.31
GMW-7	7/9/91	GTI	50	4	25 - 50	0.01	75.84
GMW-8	7/10/91	GTI	50	4	25 - 50	0.01	73.20
GMW-9	7/8/91	GTI	50	4	20 - 50	0.01	77.16
GMW-10	7/8/91	GTI	50	4	25 - 50	0.01	73.35
GMW-11	7/9/91	GTI	50	4	20 - 50	0.01	72.90
GMW-12	7/9/91	GTI	50	4	25 - 50	0.01	75.21
GMW-13	7/8/91	GTI	50	4	25 - 50	0.01	74.17
GMW-14	7/10/91	GTI	50	4	25 - 50	0.01	74.72
GMW-15	7/30/91	GTI	50	4	25 - 50	0.01	76.21
GMW-16	8/1/91	GTI	50	4	25 - 50	0.01	77.00
GMW-17	8/1/91	GTI	50	4	25 - 50	0.01	74.66
GMW-18	7/31/91	GTI	50	4	25 - 50	0.01	75.36
GMW-19	7/31/91	GTI	50	4	25 - 50	0.01	76.83
GMW-20	8/1/91	GTI	50	4	25 - 50	0.01	75.10
GMW-21	8/2/91	GTI	50	4	25 - 50	0.01	76.23
GMW-22	8/2/91	GTI	61	4	25 - 60	0.01	77.24
GMW-23	8/2/91	GTI	60	4	25 - 60	0.01	74.85
GMW-24	8/5/91	GTI	60	4	25 - 60	0.01	77.48
GMW-25	1/10/92	GTI	50	6	20 - 50	0.01	78.14
GMW-26	1/7/92	GTI	51.5	4	20 - 50	0.01	74.52
GMW-27	1/10/92	GTI	50	4	20 - 50	0.01	74.41
GMW-28	1/7/92	GTI	50	4	20 - 50	0.01	74.68
GMW-29	1/9/92	GTI	50	4	20 - 50	0.01	77.57
GMW-30	1/9/92	GTI	51.5	6	20 - 50	0.01	74.91
GMW-31	6/2/93	GTI	65	4	25 - 65	0.01	76.50
GMW-32	6/1/93	GTI	50	4	20 - 50	0.02	74.62
GMW-33	6/1/93	GTI	50	4	20 - 50	0.02	74.88
GMW-34	6/3/93	GTI	50	4	20 - 50	0.02	75.25
GMW-35	6/4/93	GTI	50	4	20 - 50	0.02	76.12
GMW-36	4/11/94	GTI	50	4	20 - 50	0.01	76.66
GMW-37	4/11/94	GTI	50	4	20 - 50	0.01	77.32
GMW-38	4/12/94	GTI	50	4	20 - 50	0.01	75.47
GMW-39	4/12/94	GTI	50	4	20 - 50	0.01	75.05
GMW-40	6/29/94	GTI	50.5	4	20 - 50	0.01	73.13
GMW-41	6/30/94	GTI	50.5	4	20 - 50	0.01	74.46

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Well	Installation Date	Installed By	Total Depth (feet bgs)	Casing Diameter (inches)	Screen Interval (feet bgs)	Slot Size (inches)	Casing Elevation (feet amsl)
GMW-42	6/30/94	GTI	50.5	4	20 - 50	0.01	75.50
GMW-43	7/1/94	GTI	50.5	4	20 - 50	0.01	74.44
GMW-44	7/1/94	GTI	50.5	4	20 - 50	0.01	74.45
GMW-45	7/1/94	GTI	50.5	4	20 - 50	0.01	75.67
GMW-46	7/5/94	GTI	50.5	4	20 - 50	0.01	76.10
GMW-47	7/5/94	GTI	50.5	4	20 - 50	0.01	75.98
GMW-48	7/5/94	GTI	50.5	4	20 - 50	0.01	75.03
GMW-49	7/6/94	GTI	50.5	4	20 - 50	0.01	74.75
GMW-50	12/19/94	GTI	46.5	4	15 - 45	0.01	75.51
GMW-51	12/19/94	GTI	41.5	4	15 - 40	0.01	75.93
GMW-52	12/19/94	GTI	41.5	4	15 - 40	0.01	75.03
GMW-53	12/19/94	GTI	46.5	4	15 - 45	0.01	74.90
GMW-54	12/20/94	GTI	46.5	4	15 - 45	0.01	75.16
GMW-55	12/20/94	GTI	41.5	4	15 - 40	0.01	74.60
GMW-56	8/12/98	FDGTI	55	2	20 - 55	0.02	76.50
GMW-56	8/12/98	FDGTI	55	4	20 - 55	0.02	76.52
GMW-57	8/13/98	FDGTI	55	2	19 - 54	0.02	76.66
GMW-57	8/13/98	FDGTI	55	4	19 - 54	0.02	76.66
GMW-58	8/14/98	FDGTI	55	2	20 - 55	0.02	75.46
GMW-58	8/14/98	FDGTI	55	4	20 - 55	0.02	75.48
GMW-59	8/14/98	FDGTI	55	2	20 - 55	0.02	75.28
GMW-59	8/14/98	FDGTI	55	4	20 - 55	0.02	75.28
GMW-60	4/14/04	Parsons	50	4	25 - 40	0.01	76.24
GMW-61	4/14/04	Parsons	50	4	30 - 40	0.01	75.6
GMW-62	6/2/07	Parsons	40.5	4	20 - 40	0.02	76.34
GMW-63	9/29/08	Parsons	41	4	20 - 40	0.02	77.32
GMW-64	9/29/08	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-66	9/8/2009	Parsons	40.5	4	20 - 40	0.02	77.00
GMW-O-1	3/4/92	GTI	51.5	4	19 - 49.5	0.01	71.45
GMW-O-2	3/2/92	GTI	51.5	4	20 - 50	0.01	72.54
GMW-O-3	3/2/92	GTI	51.5	4	20 - 50	0.01	72.19
GMW-O-4	3/3/92	GTI	51.5	4	20 - 50	0.01	71.95
GMW-O-4 (MID)	3/3/92	GTI	66.5	4	54.5 - 64.5	0.01	72.24
GMW-O-5	3/4/92	GTI	51.5	4	20 - 50	0.01	72.36
GMW-O-6	5/18/92	GTI	51.5	4	20 - 50	0.01	71.41
GMW-O-7	5/19/92	GTI	51.5	4	20 - 50	0.01	70.98
GMW-O-8	5/18/92	GTI	51	4	19.5 - 49.5	0.01	70.91
GMW-O-9	7/29/92	GTI	51.5	4	20 - 50	0.01	73.50
GMW-O-10	7/29/92	GTI	51.5	4	20 - 50	0.01	73.98
GMW-O-11	5/20/92	GTI	51.5	4	20 - 50	0.01	74.17
GMW-O-12	5/21/92	GTI	51.5	4	20 - 50	0.01	73.49
GMW-O-14	5/20/92	GTI	51.5	4	20 - 50	0.01	74.08
GMW-O-15	4/19/94	GTI	50	4	20 - 50	0.02	74.23
GMW-O-16	4/19/94	GTI	50	4	20 - 50	0.02	74.10
GMW-O-17	7/26/94	GMX	41	4	20.4 - 39.5	0.01	73.78
GMW-O-18	7/25/94	GMX	41	4	20.8 - 40.4	0.01	74.36
GMW-O-19	7/29/94	GMX	41.5	4	20.2 - 39.9	0.01	74.46
GMW-O-20	6/15/95	GMX	45.9	4	---	---	73.32
GMW-O-21	10/1/97	GMX	45.9	4	25.5 - 45.5	0.01	71.43
GMW-O-22	---	GMX	41	4	---	---	74.36
GMW-O-23	6/25/07	GMX	44	4	20 - 40	0.02	73.63
GMW-O-24	9/24/12	CH2M HILL	45	4	20 - 40	0.01	74.39
GMW-SF-7	7/27/94	GMX	41	4	20.1 - 39.9	0.01	75.26
GMW-SF-8	7/28/94	GMX	41	4	19.5 - 39.5	0.01	76.75

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GMW-SF-9	4/1/03	GMX	47	4	36.6 - 46.2	0.02	73.05
GMW-SF-10	9/23/03	GMX	47	4	36.7 - 46.4	0.02	75.77
GW-1	6/12/95	GTI	63	1	25 - 60	0.02	75.46
GW-1	6/12/95	GTI	63	4	25 - 60	0.02	75.97
GW-2	6/12/95	GTI	63	1	25 - 60	0.02	76.39
GW-2	6/12/95	GTI	63	4	25 - 60	0.02	75.78
GW-3	6/13/95	GTI	63	1	25 - 60	0.02	76.56
GW-3	6/13/95	GTI	63	4	25 - 60	0.02	75.79
GW-4	6/13/95	GTI	63	1	24 - 59	0.02	74.77
GW-4	6/13/95	GTI	63	4	24 - 59	0.02	73.86
GW-5	6/15/95	GTI	63	1	25.5 - 60.5	0.02	77.09
GW-5	6/15/95	GTI	63	4	25.5 - 60.5	0.02	76.99
GW-6	6/15/95	GTI	63	1	25 - 60	0.02	77.41
GW-6	6/15/95	GTI	63	4	25 - 60	0.02	76.38
GW-7	6/16/95	GTI	63	1	25 - 60	0.02	76.76
GW-7	6/16/95	GTI	63	4	25 - 60	0.02	75.02
GW-8	6/14/95	GTI	63	1	24 - 59	0.02	76.88
GW-8	6/14/95	GTI	63	4	24 - 59	0.02	76.15
GW-13	4/26/07	Parsons	65	1	25 - 65	0.02	77.00
GW-13	4/26/07	Parsons	67	6	25 - 65	0.02	76.85
GW-14	4/26/07	Parsons	65	1	25 - 65	0.02	76.55
GW-14	4/26/07	Parsons	67	6	25 - 65	0.02	76.54
GW-15	4/26/07	Parsons	62.5	1	20.5 - 60.5	0.02	75.36
GW-15	4/24/07	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
GWR-1	7/11/91	GTI	50	4	25 - 50	0.01	77.40
GWR-2	7/12/91	GTI	50	4	25 - 50	0.01	73.66
GWR-3	1/10/92	GTI	50	6	20 - 50	0.01	77.60
HL-1	10/14/86	HLA	39	4	18 - 38	0.01	75.83
HL-2	10/13/86	HLA	39	4	16.5 - 36.5	0.01	76.94
HL-3	10/15/86	HLA	44	4	19 - 39	0.01	76.86
HL-4	10/16/86	HLA	39	4	18 - 38.5	0.01	75.75
HL-5	10/16/86	HLA	39.5	4	18.5 - 39	0.01	76.13
MW-6	8/9/90	WC	50	4	18 - 48	0.01	77.20
MW-7	8/27/90	WC	50	4	19 - 48	0.01	78.13
MW-8	8/24/90	WC	51	4	18 - 48	0.01	76.06
MW-9	8/8/90	WC	50	4	18 - 48	0.01	77.11
MW-10	8/24/90	WC	51	4	18 - 48	0.01	79.12
MW-11	8/9/90	WC	50	4	18 - 48	0.01	78.17
MW-12	8/27/90	WC	50	4	18 - 48	0.01	75.76
MW-13	8/23/90	WC	50	4	18 - 48	0.01	78.25
MW-14	8/7/90	WC	50	4	18 - 48	0.01	78.60
MW-15	8/7/90	WC	50	4	18 - 48	0.01	76.99
MW-16	8/8/90	WC	50	4	18 - 48	0.01	76.87
MW-17	8/6/90	WC	50	4	18 - 48	0.01	77.86
MW-18 (MID)	6/10/91	WC	62.2	4	50 - 60	0.01	75.67
MW-19 (MID)	6/11/91	WC	62.2	4	49.5 - 59.5	0.01	78.14
MW-20 (MID)	6/12/91	WC	65.7	4	43 - 53	0.01	77.19
MW-21 (MID)	6/12/91	WC	62.4	4	47 - 57	0.01	77.55
MW-22 (MID)	6/13/91	WC	57.9	4	42 - 52	0.01	79.57
MW-23 (MID)	6/14/91	WC	57.1	4	42 - 52	0.01	79.59
MW-24	6/14/91	WC	47	4	14 - 44	0.01	78.51
MW-25	6/17/91	WC	47.2	4	22.5 - 42.5	0.01	79.15
MW-26	6/17/91	WC	47.3	4	23.5 - 43.5	0.01	77.40

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-27	6/17/91	WC	52.3	4	18 - 48	0.01	78.46
MW-28	6/19/91	WC	51.5	4	16.5 - 46.5	0.01	78.53
MW-29	6/19/91	WC	52.4	4	17.5 - 47.5	0.01	79.13
MW-SF-1	6/18/90	GMX	40	4	25 - 40	0.02	78.93
MW-SF-2	6/19/90	GMX	40	4	25 - 40	0.02	78.53
MW-SF-3	6/18/90	GMX	40	4	25 - 40	0.02	78.12
MW-SF-4	6/19/90	GMX	40	4	25 - 40	0.02	79.38
MW-SF-5	9/19/90	GMX	40	4	23 - 38	0.02	79.74
MW-SF-6	9/19/90	GMX	40	4	24 - 39	0.02	76.80
MW-SF-9	6/15/95	GMX	40	4	25 - 40	---	74.1
MW-SF-10	9/23/2003	GMX	30.5	4	10.3 - 29.9	0.02	76.53
MW-SF-11	6/19/07	GMX	44	4	20 - 40	0.02	78.56
MW-SF-12	6/18/07	GMX	44	4	20 - 40	0.02	78.07
MW-SF-13	6/19/07	GMX	44	4	20 - 40	0.02	73.40
MW-SF-14	6/21/07	GMX	44	4	20 - 40	0.02	78.16
MW-SF-15	6/21/07	GMX	44	4	20 - 40	0.02	78.27
MW-SF-16	6/20/07	GMX	44	4	20 - 40	0.02	78.21
MW-O-1	1/22/91	GMX	40	2	25 - 40	0.02	75.48
MW-O-2	1/23/91	GMX	40	2	25 - 40	0.02	71.90
MW-O-3	10/25/91	GMX	41	6	20 - 39.5	0.01	74.53
MW-O-4	10/25/91	GMX	41	4	20 - 40	0.01	75.00
PO-7	5/1/89	GW	56	4	29 - 49	0.02	80.26
PW-1	1/6/92	GTI	51.5	4	20 - 50	0.01	75.52
PW-2	1/6/92	GTI	50	4	20 - 50	0.01	74.71
PW-3	1/6/92	GTI	50	4	20 - 50	0.01	73.71
PZ-1	7/12/91	GTI	50	2	25 - 50	0.01	73.74
PZ-2	7/12/91	GTI	50	2	25 - 50	0.01	73.96
PZ-3	6/3/93	GTI	65	2	25 - 65	0.02	76.17
PZ-4	6/2/93	GTI	60	2	25 - 60	0.02	76.13
PZ-5	9/26/00	GMX	40.3	4	20.6 - 39.4	0.01	73.97
PZ-6	9/26/00	GMX	37.5	4	22.8 - 37.8	0.01	73.91
PZ-7A	4/7/03	GMX	32	2	21.5 - 31.2	0.01	73.87
PZ-7B	4/7/03	GMX	47.5	2	42 - 46.7	0.01	73.79
PZ-8A	4/8/03	GMX	31.5	2	21.2 - 31	0.01	75.81
PZ-8B	4/8/03	GMX	47	2	41.4 - 46.2	0.01	75.69
PZ-9A	4/9/03	GMX	32	2	21.6 - 30.9	0.01	76.14
PZ-9B	4/9/03	GMX	47	2	41.5 - 46.2	0.01	76.26
PZ-10	4/10/03	GMX	38.5	2	23.2 - 37.9	0.02	74.34
TF-8	9/22/95	GTI	63	1.5	25 - 60	0.02	75.60
TF-8	9/22/95	GTI	63	4	25 - 60	0.02	74.86
TF-9	9/22/95	GTI	63	1.5	25 - 60	0.02	75.27
TF-9	9/22/95	GTI	63	4	25 - 60	0.02	74.47
TF-10	9/25/95	GTI	63	1.5	25 - 60	0.02	74.19
TF-10	9/25/95	GTI	63	4	25 - 60	0.02	73.61
TF-11	9/25/95	GTI	63	1.5	25 - 60	0.02	74.95
TF-11	9/25/95	GTI	63	4	25 - 60	0.02	74.40
TF-13	9/26/95	GTI	63	1.5	25 - 60	0.02	75.90
TF-13	9/26/95	GTI	63	4	25 - 60	0.02	75.47
TF-14	9/27/95	GTI	63	1.5	25 - 60	0.02	74.78
TF-14	9/27/95	GTI	63	4	25 - 60	0.02	74.35
TF-15	9/28/95	GTI	63	1.5	25 - 60	0.02	75.40
TF-15	9/28/95	GTI	63	4	25 - 60	0.02	74.78
TF-16	9/28/95	GTI	63	1.5	25 - 60	0.02	76.48
TF-16	9/28/95	GTI	63	4	25 - 60	0.02	75.89
TF-17	9/29/95	GTI	63	1.5	25 - 60	0.02	75.26

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-17	9/29/95	GTI	63	4	25 - 60	0.02	74.88
TF-18	7/6/94	GTI	50.5	4	20 - 50	0.02	73.94
TF-19	10/3/95	GTI	63	1.5	25 - 60	0.02	75.61
TF-19	10/3/95	GTI	63	4	25 - 60	0.02	75.07
TF-20	10/3/95	GTI	63	1.5	25 - 60	0.02	75.59
TF-20	10/3/95	GTI	63	4	25 - 60	0.02	75.08
TF-21	9/29/95	GTI	63	1.5	25 - 60	0.02	75.60
TF-21	9/29/95	GTI	63	4	25 - 60	0.02	74.96
TF-22	10/2/95	GTI	63	1.5	25 - 60	0.02	74.95
TF-22	10/2/95	GTI	63	4	25 - 60	0.02	74.76
TF-23	7/5/94	GTI	50.5	4	20 - 50	0.02	75.31
TF-24	9/26/95	GTI	63	1.5	25 - 60	0.02	76.35
TF-24	9/26/95	GTI	63	4	25 - 60	0.02	76.43
TF-25	4/4/01	GTI	47	1.5	41 - 46	0.02	75.81
TF-25	4/4/01	GTI	47	5	26 - 36	0.02	74.85
TF-26	4/3/01	GTI	47	1.5	41 - 46	0.02	76.15
TF-26	4/3/01	GTI	47	5	26 - 36	0.02	75.85
WCW-1	2/18/92	WC	52	4	20 - 50	0.01	72.86
WCW-2	2/21/92	WC	52	4	20 - 50	0.01	75.34
WCW-3	2/19/92	WC	56.5	4	19 - 49	0.01	76.16
WCW-4	2/20/92	WC	56.5	4	20 - 50	0.01	78.05
WCW-5	4/30/92	WC	52	4	19 - 49	0.01	73.49
WCW-6	4/20/92	WC	53.5	4	20 - 50	0.01	75.52
WCW-7	4/29/92	WC	53	4	20 - 50	0.01	76.44
WCW-8	4/21/92	WC	53.5	4	20 - 50	0.01	77.34
WCW-9	4/28/92	WC	53.5	4	20 - 50	0.01	77.74
WCW-10	9/11/92	WC	56.5	4	25 - 55	0.01	74.06
WCW-11	9/9/92	WC	61.5	4	30 - 60	0.01	75.29
WCW-12	9/8/92	WC	61.5	4	30 - 60	0.01	76.27
WCW-13	9/10/92	WC	61.5	4	30 - 60	0.01	77.70
WCW-14	8/12/98	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.

GMW-21 is also referred to as TF-24.

TF-24 is also referred to as "old TF-24" or "former TF-24."

--- = information not available

FDGTI = Fluor Daniel GTI

feet amsl = feet above mean sea level

feet bgs = feet below ground surface

GMX = Geomatrix Consultants, Inc.

GTI = Groundwater Technology/Groundwater Technology Government Services

GW = Golden West

HLA = Harding Lawson Associates

WC = Woodward-Clyde

Table 2. Summary of Groundwater Elevations – First Semiannual 2020 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	05/05/20	77.21	---	35.54	---	41.67
EXP-1	05/04/20	78.44	---	60.24	---	18.20
EXP-1	05/04/20	78.44	---	60.35	---	18.09
EXP-2	05/04/20	79.43	---	61.52	---	17.91
EXP-2	05/04/20	79.43	---	61.48	---	17.95
EXP-3	05/04/20	77.58	---	59.33	---	18.25
EXP-3	05/04/20	77.58	---	59.36	---	18.22
EXP-4	05/04/20	79.81	---	61.66	---	18.15
EXP-5	05/04/20	72.41	---	53.81	---	18.60
GMW-1	05/04/20	74.77	---	32.90	---	41.87
GMW-3	05/04/20	75.10	---	33.17	---	41.93
GMW-4R	05/04/20	75.13	---	32.35	---	42.78
GMW-5	05/04/20	77.61	---	DRY	---	NC
GMW-6	05/04/20	77.31	---	36.14	---	41.17
GMW-7	05/05/20	76.87	---	35.58	---	41.29
GMW-8	05/04/20	73.20	---	32.23	---	40.97
GMW-9	05/04/20	77.16	---	35.37	---	41.79
GMW-10	05/04/20	73.35	---	31.44	---	41.91
GMW-12	05/05/20	75.21	---	33.44	---	41.77
GMW-13	05/04/20	74.17	---	32.03	---	42.14
GMW-14R	05/04/20	75.30	---	32.60	---	42.70
GMW-15	05/05/20	76.21	---	35.42	---	40.79
GMW-16	05/05/20	77.00	---	36.65	---	40.35
GMW-17R	05/04/20	77.79	---	36.26	---	41.53
GMW-18	05/05/20	75.36	---	35.60	---	39.76
GMW-19	05/04/20	76.83	---	35.51	---	41.32
GMW-20	05/04/20	75.10	---	33.45	---	41.65
GMW-21	05/05/20	76.23	---	35.39	---	40.84
GMW-22	05/04/20	77.24	---	35.64	---	41.60
GMW-23	05/04/20	74.85	33.10	34.56	1.46	41.46
GMW-24	05/04/20	77.48	---	36.24	---	41.24
GMW-25	05/04/20	78.14	---	36.49	---	41.65
GMW-26	05/04/20	74.52	---	35.52	---	39.00
GMW-28	05/04/20	74.68	---	33.35	---	41.33
GMW-29	05/04/20	77.57	---	33.38	---	44.19
GMW-30	05/04/20	74.91	---	33.36	---	41.55
GMW-31	05/04/20	76.50	---	33.31	---	NC
GMW-32R	05/05/20	76.93	---	DRY	---	NC
GMW-33	05/04/20	74.88	---	DRY	---	NC
GMW-35R	05/05/20	75.90	---	34.12	---	41.78
GMW-36	05/04/20	76.66	---	31.03	---	45.63
GMW-37	05/04/20	77.32	---	35.03	---	42.29
GMW-38	05/04/20	75.47	---	33.22	---	42.25
GMW-39	05/04/20	75.05	---	32.87	---	42.18
GMW-40	05/05/20	73.13	---	NM	---	NM
GMW-41	05/04/20	72.69	---	31.11	---	NC
GMW-42	05/04/20	75.50	---	34.23	---	NC
GMW-43	05/04/20	76.07	---	34.41	---	41.66
GMW-44	05/04/20	75.71	---	33.93	---	41.78
GMW-45	05/05/20	75.67	---	33.66	---	42.01
GMW-47	05/05/20	75.98	---	34.56	---	41.42
GMW-48	05/05/20	75.03	---	37.10	---	37.93

Table 2. Summary of Groundwater Elevations – First Semiannual 2020 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-54	05/05/20	74.73	---	33.46	---	41.27
GMW-56	05/04/20	76.52	---	34.06	---	42.46
GMW-57	05/05/20	76.66	---	35.09	---	41.57
GMW-58	05/05/20	75.48	---	34.01	---	41.47
GMW-59	05/05/20	75.28	---	32.48	---	42.80
GMW-60	05/04/20	76.24	---	34.44	---	41.80
GMW-61	05/05/20	75.60	---	34.06	---	41.54
GMW-62	05/04/20	76.34	---	34.75	---	41.59
GMW-63	05/04/20	77.32	---	36.51	---	40.81
GMW-64	05/04/20	75.84	---	33.69	---	42.15
GMW-65	05/04/20	76.78	---	35.16	---	41.62
GMW-66R	05/04/20	79.23	---	37.84	---	41.39
GMW-67	05/04/20	76.00	---	34.39	---	41.61
GMW-68	05/05/20	75.52	33.54	33.55	0.01	41.98
GMW-69	05/04/20	75.31	---	33.54	---	41.77
GMW-O-1	05/04/20	71.45	---	30.42	---	41.03
GMW-O-2	05/04/20	72.54	---	31.04	---	41.50
GMW-O-3	05/04/20	72.19	---	30.33	---	41.86
GMW-O-4	05/04/20	71.95	---	29.86	---	42.09
GMW-O-5	05/04/20	72.36	---	30.36	---	42.00
GMW-O-6	05/04/20	71.41	---	29.38	---	42.03
GMW-O-7	05/04/20	70.98	---	28.52	---	42.46
GMW-O-8	05/04/20	70.91	---	29.93	---	40.98
GMW-O-9	05/04/20	73.50	---	32.06	---	41.44
GMW-O-10	05/04/20	73.98	---	32.53	---	41.45
GMW-O-11	05/04/20	74.17	---	30.94	---	43.23
GMW-O-12	05/04/20	73.49	30.04	30.35	0.31	43.39
GMW-O-14	05/04/20	74.08	---	32.05	---	42.03
GMW-O-15	05/04/20	74.86	---	31.13	---	43.73
GMW-O-16	05/04/20	74.10	---	30.97	---	43.13
GMW-O-17	05/04/20	73.78	---	31.22	---	42.56
GMW-O-18	05/04/20	74.32	---	31.68	---	42.64
GMW-O-19	05/04/20	74.46	---	30.94	---	43.52
GMW-O-20	05/04/20	73.32	---	30.70	---	42.62
GMW-O-21	05/04/20	71.43	---	31.24	---	40.19
GMW-O-23	05/04/20	73.63	---	31.92	---	41.71
GMW-O-24	05/04/20	74.39	---	32.07	---	42.32
GMW-SF-7	05/04/20	75.26	---	32.89	---	42.37
GMW-SF-8	05/04/20	76.75	---	34.28	---	42.47
GW-1	05/04/20	75.97	---	35.74	---	40.23
GW-2	05/04/20	75.78	---	35.27	---	40.51
GW-3	05/04/20	75.79	---	35.61	---	40.18
GW-4	05/05/20	73.86	---	NM	---	NM
GW-5R	05/04/20	79.06	---	38.33	---	40.73
GW-6	05/04/20	76.38	---	35.75	---	40.63
GW-7	05/04/20	75.02	---	34.18	---	40.84
GW-8	05/04/20	76.15	---	35.55	---	40.60
GW-13(6")	05/05/20	76.85	---	36.50	---	40.35
GW-14R	05/05/20	78.77	---	NM	---	NM
GW-15(6")	05/05/20	74.94	---	34.25	---	40.69
GW-16(6")	05/04/20	76.33	---	33.80	---	42.53
GWR-1R	05/04/20	76.64	---	34.95	---	41.69

Table 2. Summary of Groundwater Elevations – First Semiannual 2020 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-3	05/04/20	77.60	---	36.02	---	41.58
HL-2	05/04/20	76.94	---	35.62	---	41.32
HL-3	05/04/20	76.86	---	35.23	---	41.63
MW-6	05/04/20	77.20	---	36.31	---	40.89
MW-7	05/04/20	78.13	---	36.78	---	41.35
MW-8	05/04/20	76.06	---	31.31	---	44.75
MW-9	05/04/20	77.11	---	34.62	---	42.49
MW-12	05/04/20	75.76	---	34.06	---	41.70
MW-13	05/04/20	78.25	---	37.04	---	41.21
MW-14	05/04/20	78.60	---	38.10	---	40.50
MW-15R	05/04/20	74.85	---	32.59	---	42.26
MW-16	05/04/20	76.87	---	34.72	---	42.15
MW-17	05/04/20	77.86	---	36.15	---	41.71
MW-18 (MID)	05/04/20	75.67	---	37.96	---	37.71
MW-19 (MID)	05/04/20	78.14	---	39.92	---	38.22
MW-20 (MID)	05/04/20	77.19	---	38.41	---	38.78
MW-21 (MID)	05/04/20	77.55	---	35.92	---	41.63
MW-22 (MID)	05/04/20	79.57	---	40.55	---	39.02
MW-24	05/05/20	77.66	---	37.05	---	40.61
MW-26	05/04/20	77.40	---	36.57	---	40.83
MW-27	05/04/20	78.46	---	37.43	---	41.03
MW-28	05/04/20	75.90	---	34.83	---	41.07
MW-29	05/05/20	79.13	---	37.98	---	41.15
MW-O-1	05/04/20	75.48	---	31.98	---	43.50
MW-O-2	05/04/20	71.90	---	31.87	---	40.03
MW-SF-1	05/04/20	78.93	---	36.65	---	42.28
MW-SF-2	05/04/20	78.53	---	36.66	---	41.87
MW-SF-3	05/04/20	78.12	---	36.19	---	41.93
MW-SF-4	05/04/20	79.38	---	37.13	---	42.25
MW-SF-5	05/04/20	79.74	---	37.86	---	41.88
MW-SF-6	05/04/20	76.80	---	34.90	---	41.90
MW-SF-9	05/04/20	74.10	---	DRY	---	NC
MW-SF-10	05/04/20	76.53	---	DRY	---	NC
MW-SF-11	05/04/20	78.56	---	36.95	---	41.61
MW-SF-12	05/04/20	78.07	---	36.36	---	41.71
MW-SF-13	05/04/20	73.40	---	31.52	---	41.88
MW-SF-14	05/04/20	78.16	---	DRY	---	NC
MW-SF-15	05/04/20	78.27	---	36.37	---	41.90
MW-SF-16	05/04/20	78.21	---	DRY	---	NC
PW-1	05/04/20	75.52	---	DRY	---	NC
PW-2	05/04/20	74.71	---	32.48	---	42.23
PW-3	05/04/20	73.71	---	32.89	---	40.82
PZ-2	05/04/20	73.96	---	32.48	---	41.48
PZ-3	05/04/20	76.17	---	34.82	---	41.35
PZ-5	05/04/20	73.97	---	31.64	---	42.33
PZ-10	05/04/20	74.34	---	DRY	---	NC
RTF-18-E	05/05/20	74.63	32.83	33.03	0.20	42.32
RTF-18-N	05/05/20	75.17	---	32.16	---	43.01
RTF-18-NNW	05/05/20	74.88	32.84	32.91	0.07	43.92
RTF-18-NW	05/05/20	74.28	31.58	31.74	0.16	44.61
RTF-18-W	05/05/20	74.37	---	31.70	---	43.16
TF-8	05/05/20	74.86	---	34.09	---	NC

Table 2. Summary of Groundwater Elevations – First Semiannual 2020 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)
TF-9R	05/04/20	78.00	---	36.45	---	41.55
TF-15	05/05/20	74.78	---	34.15	---	40.63
TF-16	05/05/20	75.89	---	34.54	---	41.35
TF-17R	05/05/20	77.63	---	35.85	---	41.78
TF-18	05/05/20	74.16	---	31.35	---	42.59
TF-19	05/05/20	75.07	---	32.58	---	42.49
TF-20R	05/05/20	75.26	---	33.97	---	41.29
TF-21	05/05/20	77.91	---	37.23	---	40.68
TF-23	05/05/20	75.31	---	33.01	---	42.30
TF-24	05/05/20	76.43	---	37.28	---	39.15
TFR-9	05/05/20	77.06	---	35.29	---	41.77
TFR-12	05/05/20	76.81	---	35.47	---	41.34
TFR-14	05/05/20	77.34	---	34.99	---	42.35
TFR-15	05/05/20	76.89	---	35.72	---	41.17
TFR-18	05/05/20	75.18	---	33.82	---	41.36
TFR-22	05/05/20	74.65	33.38	33.94	0.56	41.16
TFR-24	05/05/20	74.42	33.85	33.87	0.02	40.57
TFR-27	05/05/20	74.65	---	33.83	---	40.82
TFR-29	05/05/20	74.69	32.59	36.52	3.93	41.31
TFR-33	05/05/20	75.12	---	33.88	---	41.24
VEW-1	05/04/20	---	---	DRY	---	NC
VEW-2	05/04/20	---	---	DRY	---	NC
WCW-1	05/04/20	72.86	---	32.02	---	40.84
WCW-2	05/04/20	75.34	---	35.00	---	40.34
WCW-3	05/04/20	76.16	---	36.10	---	40.06
WCW-4	05/04/20	78.05	---	38.27	---	39.78
WCW-5	05/04/20	73.49	---	33.67	---	39.82
WCW-6	05/04/20	75.52	---	34.75	---	40.77
WCW-7	05/04/20	76.44	---	36.27	---	40.17
WCW-8	05/04/20	77.34	---	37.29	---	40.05
WCW-9	05/04/20	77.74	---	37.72	---	40.02
WCW-10	05/04/20	74.06	---	34.99	---	39.07
WCW-11	05/04/20	75.29	---	35.65	---	39.64
WCW-12	05/04/20	76.27	---	36.69	---	39.58
WCW-13	05/04/20	77.70	---	38.41	---	39.29
WCW-14	05/04/20	78.81	---	39.36	---	39.45

Notes:

DLA Energy and 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 of 0.84 was used for calculation above for DLA wells)
 (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.

--- = not detected or applicable

DRY = No measurable water observed in the well.

feet btoc = feet below top of casing

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

NC = not calculated

NM = not measured

Table 3. Summary of Groundwater Analytical Data – First Semiannual 2020 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	05/05/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-1	05/07/20	<50	64	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-2	05/07/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<1.0	<1.0	<1.0
EXP-2	05/07/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	05/06/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	05/07/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	05/05/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	05/06/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-1	05/11/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.52	<10	<1.0	<1.0	<1.0
GMW-4R	05/08/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-6	05/05/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-7	05/11/20	360	5100	9.1	<0.50	0.51	<1.0	<0.50	1.3	<10	<2.0	<2.0	<2.0
GMW-8	05/12/20	<50	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	06/10/20	<50	160	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-9	05/11/20	<50	160	<0.50	<0.50	<0.50	<0.50	<0.50	0.55	<10	<1.0	<1.0	<1.0
GMW-12	05/08/20	<100	190	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-13	05/08/20	<50	74	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	05/11/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-15	05/11/20	<100	220	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	05/07/20	<100	110	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17R	05/07/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-18	05/11/20	<100	1600	<0.50	<0.50	0.55	1.9	<0.50	<1.2	11	<2.0	<2.0	<2.0
GMW-19	05/06/20	<100	170	17	<0.50	<0.50	<1.0	<0.50	4.8	<10	<2.0	<2.0	<2.0
GMW-21	05/11/20	<100	470	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-25	05/11/20	56	4000	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-26	05/11/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-28	05/07/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15	6.0	<1.0	<1.0
GMW-30	05/11/20	<100	1700	3.7	<0.50	<0.50	<0.50	<1.0	<0.50	<10	1.3	<1.0	<1.0
GMW-31	05/06/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-35R	05/11/20	1200	2100	120	<1.0	2.7	<2.0	<1.0	14	760	<4.0	<4.0	<4.0
GMW-36	05/08/20	<200	1000	3.8	<1.0	<1.0	<1.0	<2.0	6.3	8,300	<2.0	<2.0	<2.0
GMW-37	05/08/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	05/07/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	05/07/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-41	05/06/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	05/06/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	05/06/20	<100	190	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	05/06/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-45	05/11/20	1500	2700	31	<5.0	87	140	<5.0	<12	<100	<20	<20	<20
GMW-47	05/08/20	170	1800	1.2	<0.50	<0.50	<1.0	<0.50	14	1100	<2.0	<2.0	<2.0
GMW-48	05/08/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-56	05/05/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0

Table 3. Summary of Groundwater Analytical Data – First Semiannual 2020 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-57	05/08/20	160	170	2.3	4.3	9.3	17.7	<0.50	<1.2	32	<2.0	<2.0	<2.0
GMW-58	05/11/20	<100	140	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-59	05/08/20	<100	150	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60	05/05/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-61	05/08/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-62	05/04/20	2200	130000	160	<1.0	59	201	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-63	05/04/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	05/04/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	05/04/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66R	05/05/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	05/04/20	270	110	2.5	<0.50	5.6	8.9	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-69	05/04/20	1300	490	140	<0.50	5.8	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-O-1	05/06/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	05/06/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	05/06/20	60	<50	<0.50	<0.50	3.0	3.7	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	05/06/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	05/06/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	05/06/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	05/06/20	<50	<50	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-14	05/06/20	1300	940	320	2.5	<2.0	6.6	<4.0	3.4	44	69	<4.0	<4.0
GMW-O-15	05/08/20	9200	13000	1,600	9.6	140	650	<10	3,100	8,900	<10	<10	34
GMW-O-16	05/08/20	<50	51	<0.50	<0.50	<0.50	0.57	<0.50	0.81	<10	<1.0	<1.0	<1.0
GMW-O-17	05/06/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-18	05/07/20	3400	5400	31	<1.0	300	8.6	<2.0	4.4	4,300	<2.0	<2.0	<2.0
GMW-O-19	05/08/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-20	05/06/20	1600	5100	56	1.4	5.0	70	<1.0	3.8	110	5.1	<1.0	<1.0
GMW-O-21	05/06/20	<50	64	<0.50	<0.50	<0.50	0.54	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-23	05/06/20	<100	660	<0.50	<0.50	<0.50	<0.50	<1.0	1.5	41	25	<1.0	<1.0
GMW-SF-7	05/07/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	05/07/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GW-2	05/07/20	<100	270	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	05/04/20	<100	140	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-6	05/05/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-8	05/05/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-13(6")	05/11/20	<100	150	<0.50	<0.50	<0.50	<1.0	0.66	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	05/07/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	05/05/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GWR-1R	05/11/20	<50	52	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<1.0	<1.0	<1.0
HL-2	05/12/20	<50	52	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	05/07/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-6	05/07/20	<50	51	<0.50	<0.50	<0.50	<0.50	2.5	0.75	<10	<1.0	<1.0	<1.0
MW-7	05/07/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

Table 3. Summary of Groundwater Analytical Data – First Semiannual 2020 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-8	05/07/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-9	05/08/20	<50	320	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	<10	<1.0	<1.0	<1.0
MW-12	05/12/20	<50	61	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-13	05/05/20	<100	150	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-15R	05/11/20	78	180	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-16	05/06/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	05/05/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-18 (MID)	05/11/20	<50	150	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	18	1.2	<1.0	<1.0
MW-19 (MID)	05/07/20	<50	<50	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	17	2.5	<1.0	<1.0
MW-20 (MID)	05/07/20	<50	<50	<0.50	<0.50	<0.50	<0.50	12	15	28	8.0	<1.0	<1.0
MW-21 (MID)	05/07/20	<50	59	<0.50	<0.50	<0.50	<0.50	0.93	0.80	<10	<1.0	<1.0	<1.0
MW-22 (MID)	05/07/20	<100	<100	<0.50	<0.50	<0.50	<1.0	1.7	<1.2	<10	<2.0	<2.0	<2.0
MW-24	05/11/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-26	05/04/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-27	05/07/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	1.3	<10	<2.0	<2.0	<2.0
MW-29	05/07/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-O-2	05/07/20	9200	8300	5,500	<15	60	<15	<30	49	970	<30	<30	<30
MW-SF-1	05/12/20	<200	280	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
MW-SF-4	05/12/20	<50	260	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-SF-6	05/11/20	<200	3100	2.8	<1.0	<1.0	<1.0	<2.0	3.2	180	20	<2.0	<2.0
MW-SF-13	05/12/20	<100	1100	0.79	<0.50	<0.50	<0.50	<1.0	0.58	<10	<1.0	<1.0	<1.0
MW-SF-15	05/11/20	<100	230	0.89	<0.50	<0.50	<0.50	<1.0	1.5	120	85	<1.0	<1.0
PW-3	05/11/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PZ-2	05/11/20	<50	270	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	<10	<1.0	<1.0	<1.0
PZ-3	05/08/20	<100	490	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
PZ-5	05/07/20	700	650	2.4	<1.0	<1.0	<1.0	<2.0	4.0	100,000	<2.0	3.3	<2.0
TF-8	05/11/20	<100	280	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9R	05/07/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-15	05/12/20	2000	1600	230	<5.0	51	21	<5.0	<12	<100	<20	<20	<20
TF-16	05/12/20	3400	2000	100	<2.5	<2.5	<5.0	<2.5	<6.0	<50	<10	<10	<10
TF-17R	05/12/20	5800	11000	370	<50	590	1200	<50	<120	<1000	<200	<200	<200
TF-20R	05/11/20	410	600	25	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-21	05/08/20	<100	110	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-23	05/11/20	660	7400	73	<0.50	<0.50	<1.0	<0.50	17	270	<2.0	<2.0	<2.0
TF-24	05/11/20	<100	360	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
WCW-2	05/05/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	05/05/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	05/05/20	<50	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	05/05/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	05/05/20	<50	<50	<0.50	<0.50	<0.50	<0.50	1.8	0.64	<10	<1.0	<1.0	<1.0
WCW-7	05/07/20	<50	95	<0.50	<0.50	<0.50	<0.50	6.7	1.0	<10	1.9	<1.0	<1.0
WCW-8	05/05/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

Table 3. Summary of Groundwater Analytical Data – First Semiannual 2020 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
WCW-12	05/12/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	05/05/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	05/06/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

Notes:

< = 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 extractable 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 2020 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	Acetone	Bromodichloromethane	Carbon Disulfide	cis-1,2-Dichloroethene	Isopropylbenzene	Naphthalene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene
GMW-7	05/11/20	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	1.5	16	5.2	<0.50	4.8	<1.0	3.2	1.7
GMW-15	05/11/20	<0.50	<0.50	<0.50	<0.50	<10	<0.50	0.95	<0.50	<0.50	<2.0	<0.50	<0.50	<1.0	<0.50	<0.50
GMW-15	05/11/20	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<1.0	0.50	<0.50
GMW-18	05/11/20	<0.50	<0.50	2.2	1.2	<10	<0.50	<0.50	<0.50	0.57	<2.0	<0.50	<0.50	<1.0	<0.50	<0.50
GMW-19	05/06/20	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	1.3	<2.0	<0.50	<0.50	<1.0	<0.50	<0.50
GMW-19	05/06/20	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	1.3	<2.0	<0.50	<0.50	<1.0	<0.50	<0.50
GMW-21	05/11/20	<0.50	<0.50	<0.50	<0.50	<10	<0.50	1.4	<0.50	<0.50	<2.0	<0.50	<0.50	<1.0	<0.50	<0.50
GMW-35R	05/11/20	3.0	<1.0	<1.0	<1.0	<20	<1.0	<1.0	2.3	65	14	<1.0	57	<2.0	8.3	1.6
GMW-36	05/08/20	<2.0	<8.0	<2.0	<2.0	<40	<2.0	<10	<2.0	<2.0	<10	<2.0	<2.0	<2.0	2.1	<2.0
GMW-45	05/11/20	<5.0	<5.0	150	84	<100	<5.0	<5.0	<5.0	27	32	7.5	21	13	7.6	<5.0
GMW-47	05/08/20	1.8	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	6.0	<2.0	<0.50	0.84	<1.0	0.54	1.1
GMW-57	05/08/20	<0.50	<0.50	2.6	2.6	<10	<0.50	<0.50	<0.50	4.0	<2.0	<0.50	2.5	<1.0	0.53	0.51
GMW-57	05/08/20	<0.50	<0.50	1.5	1.5	<10	<0.50	<0.50	<0.50	2.4	<2.0	<0.50	1.5	<1.0	<0.50	0.63
GMW-62	05/04/20	<1.0	<1.0	48	20	<20	<1.0	<1.0	<1.0	9.5	16	<1.0	8.6	6.0	2.1	<1.0
GMW-67	05/04/20	<0.50	<0.50	1.3	1.2	<10	<0.50	<0.50	<0.50	13	<2.0	<0.50	9.5	<1.0	1.8	0.70
GMW-69	05/04/20	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	67	27	<0.50	71	<1.0	9.5	1.6
GMW-O-3	05/06/20	<1.0	<2.0	6.2	1.8	<10	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0
GMW-O-14	05/06/20	<4.0	<16	<4.0	<4.0	<80	<4.0	<20	<4.0	23	<16	<4.0	47	<4.0	<4.0	<4.0
GMW-O-14	05/06/20	<4.0	<16	<4.0	<4.0	<80	<4.0	<20	<4.0	21	<16	<4.0	43	<4.0	<4.0	<4.0
GMW-O-15	05/08/20	<10	<40	370	110	<200	<10	<50	<10	<10	99	<10	11	<10	<10	<10
GMW-O-18	05/07/20	<2.0	9.1	470	2.8	<40	6.0	<10	<2.0	16	35	4.1	39	3.1	5.1	<2.0
GMW-O-20	05/06/20	<1.0	<4.0	27	57	29	<1.0	<5.0	<1.0	5.7	<10	<1.0	11	1.1	1.4	<1.0
GMW-O-21	05/06/20	<1.0	<2.0	<1.0	<1.0	<10	<1.0	<2.5	<1.0	1.4	<10	<1.0	<1.0	<1.0	<1.0	<1.0
GW-6	05/05/20	<0.50	<0.50	<0.50	<0.50	<10	<0.50	0.81	<0.50	<0.50	<2.0	<0.50	<0.50	<1.0	<0.50	<0.50
MW-O-2	05/07/20	<30	<120	120	<30	<600	<30	<150	<30	<30	170	<30	<30	<30	<30	<30
TF-8	05/11/20	<0.50	<0.50	<0.50	<0.50	<10	<0.50	0.51	<0.50	<0.50	<2.0	<0.50	<0.50	<1.0	<0.50	<0.50
TF-15	05/12/20	<5.0	<5.0	42	25	<100	<5.0	<5.0	<5.0	59	80	<5.0	47	<10	7.5	<5.0
TF-16	05/12/20	<2.5	<2.5	<2.5	<2.5	<50	<2.5	<2.5	<2.5	39	29	<2.5	33	<5.0	8.6	2.7
TF-17R	05/12/20	<50	<50	330	140	<1000	<50	<50	<50	57	<200	<50	55	<100	<50	<50
TF-20R	05/11/20	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	31	30	<0.50	22	<1.0	5.7	1.2
TF-23	05/11/20	2.5	<0.50	<0.50	<0.50	<10	<0.50	<0.50	1.2	7.2	21	<0.50	5.0	<1.0	1.4	0.71

Note:

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

Table 5. Summary of Field Duplicate Results – First Semiannual 2020 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-1	05/11/20	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-15	05/11/20	<100	310	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	05/07/20	<100	110	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-19	05/06/20	<100	180	18	<0.50	<0.50	<1.0	<0.50	4.8	<10	<2.0	<2.0	<2.0
GMW-57	05/08/20	430	200	3.7	7.5	15	28.8	<0.50	<1.2	22	<2.0	<2.0	<2.0
GMW-60	05/05/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-O-14	05/06/20	1400	930	340	2.8	2.0	7.8	<4.0	3.5	46	74	<4.0	<4.0
GWR-1R	05/11/20	<50	<50	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<1.0	<1.0	<1.0
MW-21 (MID)	05/07/20	<50	63	<0.50	<0.50	<0.50	<0.50	0.91	0.78	<10	<1.0	<1.0	<1.0
MW-26	05/04/20	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-9	05/08/20	<50	290	<0.50	<0.50	<0.50	<0.50	<0.50	0.84	<10	<1.0	<1.0	<1.0
PZ-2	05/11/20	<50	280	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<10	<1.0	<1.0	<1.0
PZ-5	05/07/20	780	710	2.4	<1.0	<1.0	<1.0	<2.0	4.3	120,000	<2.0	3.8	<2.0

Notes:

< = 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

Table 6. Summary of Quality Assurance/Quality Control Analytical Data – First Semiannual 2020 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-1	5/4/2020	Equipment Blank	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
QCTB-1	5/4/2020	Trip Blank	<100	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EB-1	5/5/2020	Equipment Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EB-2	5/5/2020	Equipment Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
QCEB-1	5/5/2020	Equipment Blank	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TB-1	5/5/2020	Trip Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
QCTB-1	5/5/2020	Trip Blank	<100	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EB-4	5/6/2020	Equipment Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EB-3	5/6/2020	Equipment Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
QCEB-1	5/6/2020	Equipment Blank	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TB-2	5/6/2020	Trip Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
QCTB-1	5/6/2020	Trip Blank	<100	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EB-5	5/7/2020	Equipment Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EB-6	5/7/2020	Equipment Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
QCEB-1	5/7/2020	Equipment Blank	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TB-3	5/7/2020	Trip Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
QCTB-1	5/7/2020	Trip Blank	<100	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EB-7	5/8/2020	Equipment Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
QCEB-1	5/8/2020	Equipment Blank	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TB-4	5/8/2020	Trip Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
QCTB-1	5/8/2020	Trip Blank	<100	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EB-8	5/11/2020	Equipment Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EB-9	5/11/2020	Equipment Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
QCEB-1	5/11/2020	Equipment Blank	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TB-5	5/11/2020	Trip Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
QCTB-1	5/11/2020	Trip Blank	<100	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EB-10	5/12/2020	Equipment Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EB-11	5/12/2020	Equipment Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
QCEB-1	5/12/2020	Equipment Blank	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TB-6	5/12/2020	Trip Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
QCTB-1	5/12/2020	Trip Blank	<100	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0

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

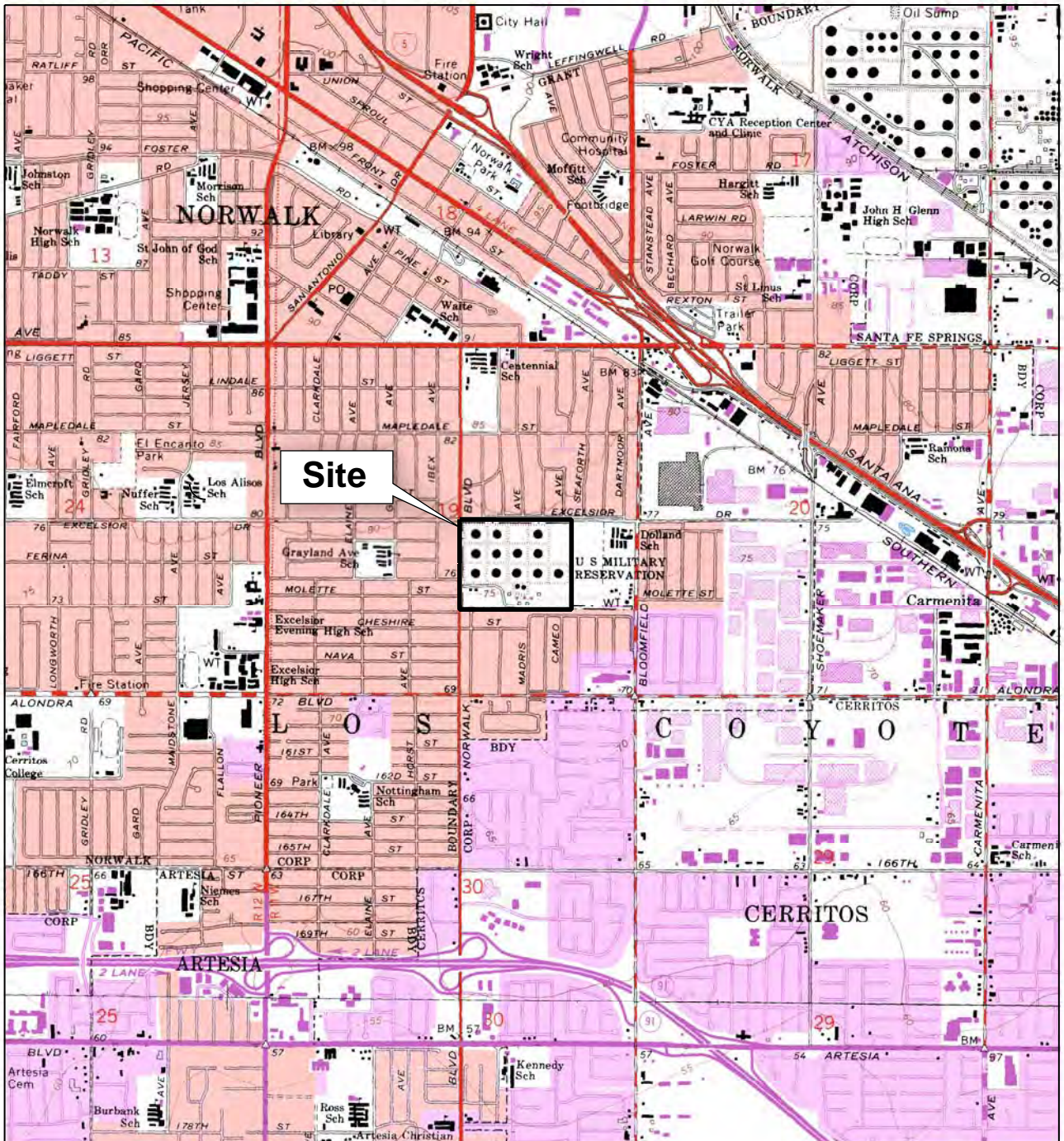
TBA = tertiary butyl alcohol

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

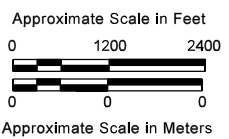
TPH-g = total purgeable petroleum hydrocarbons quantified using a gasoline standard

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

Figures



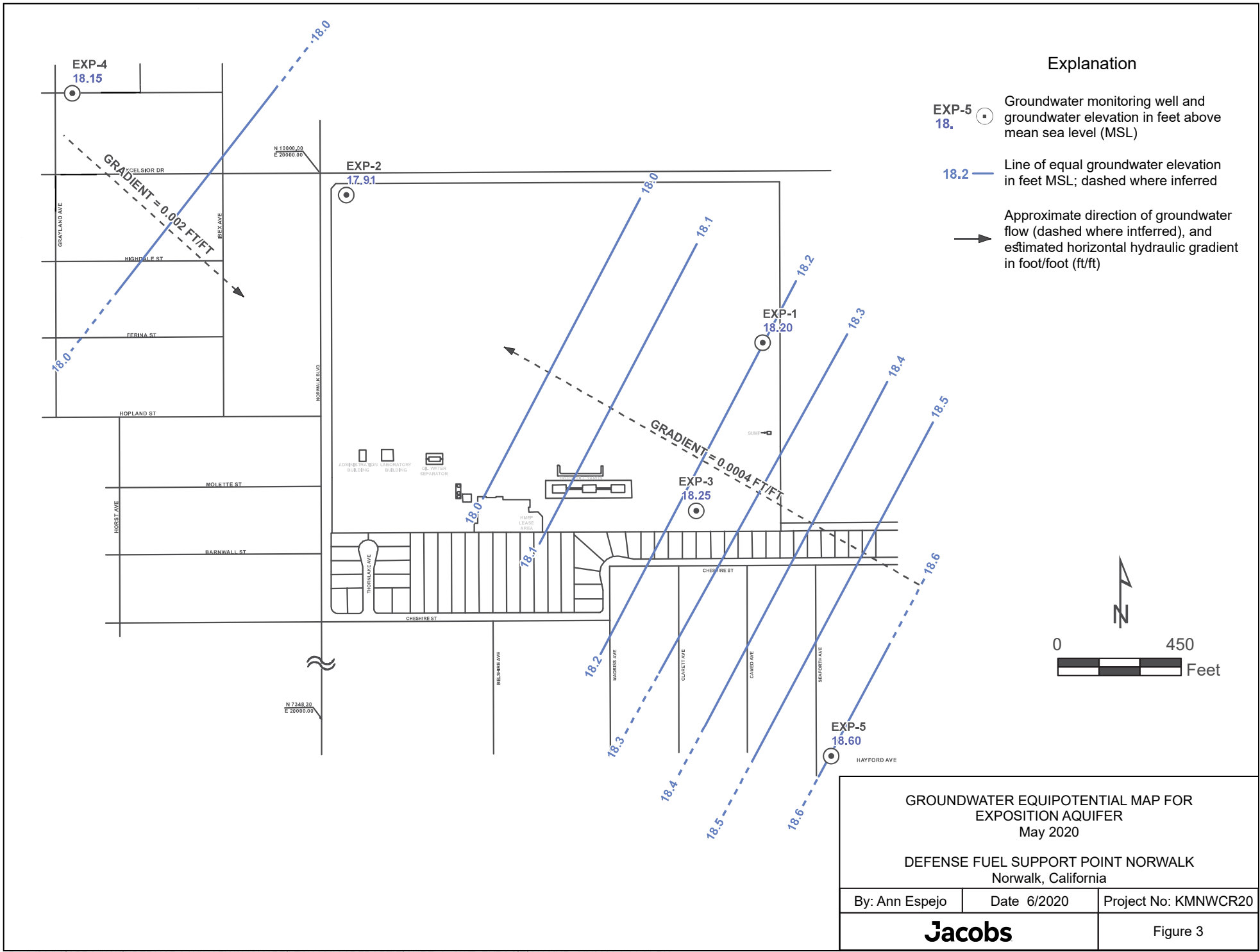
Site

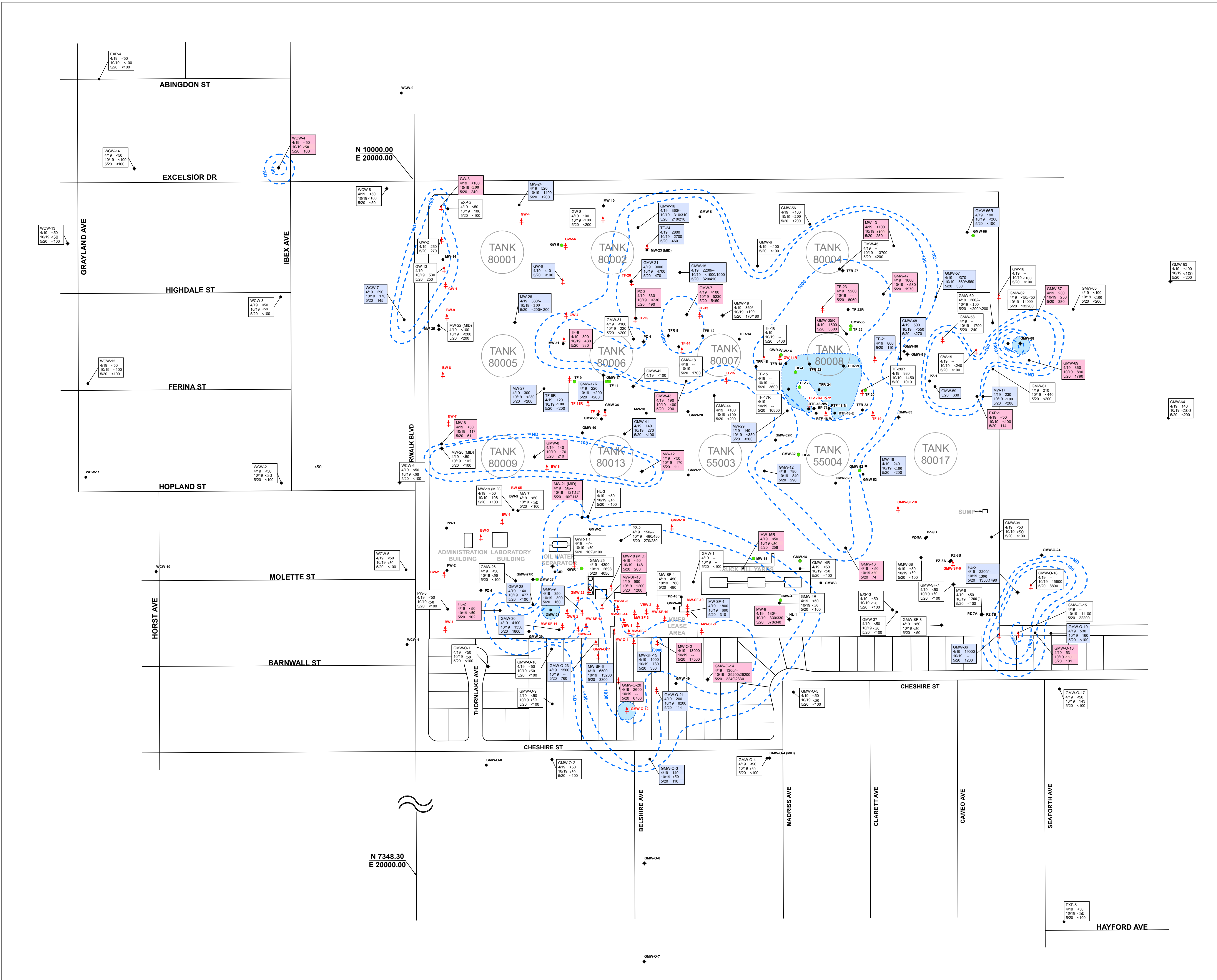


BASEMAP MODIFIED FROM U.S.G.S. 7.5 MINUTE QUADRANGLE MAP
 LOS ALAMITOS 1964, CALIFORNIA, PHOTO-REVISED 1981.
 WHITTIER 1965, CALIFORNIA, PHOTO-REVISED 1981.

SITE LOCATION MAP
DEFENSE FUEL SUPPORT POINT NORWALK
 Norwalk, California

By: Jacobs Staff	Date: July 12, 2018	Project No: 704383
Jacobs		Figure 1





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.
- 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.
- 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.

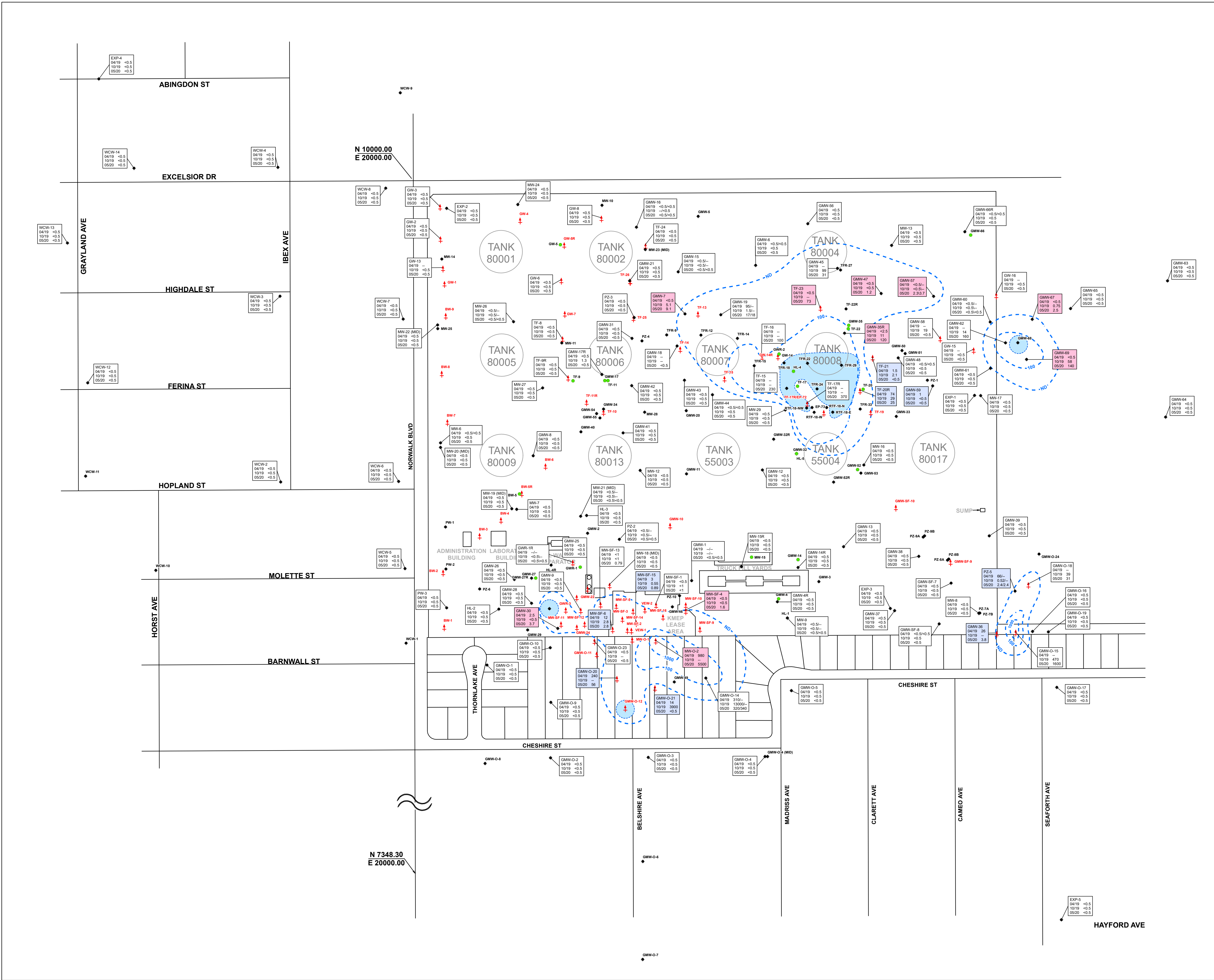
Survey Notes

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
May 2020

DEFENSE FUEL SUPPORT POINT NORWALK
Norwalk, California

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Explanation

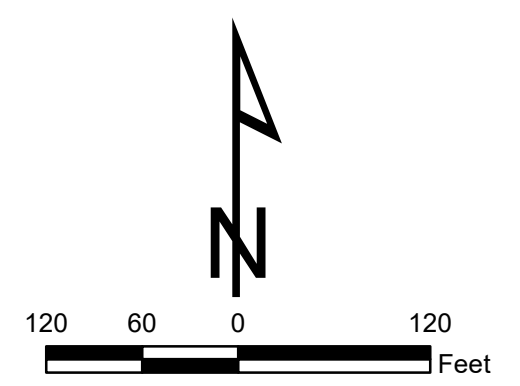
- GMW-5** ● Monitoring well and designation
- VEW-1** ↑ Vapor extraction, groundwater extraction, total fluids, or free product extraction well used for site remediation
- TF-17** ● Decommissioned well
- Benzene results in micrograms per liter (µg/L) for the three most recent semiannual events; where 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.



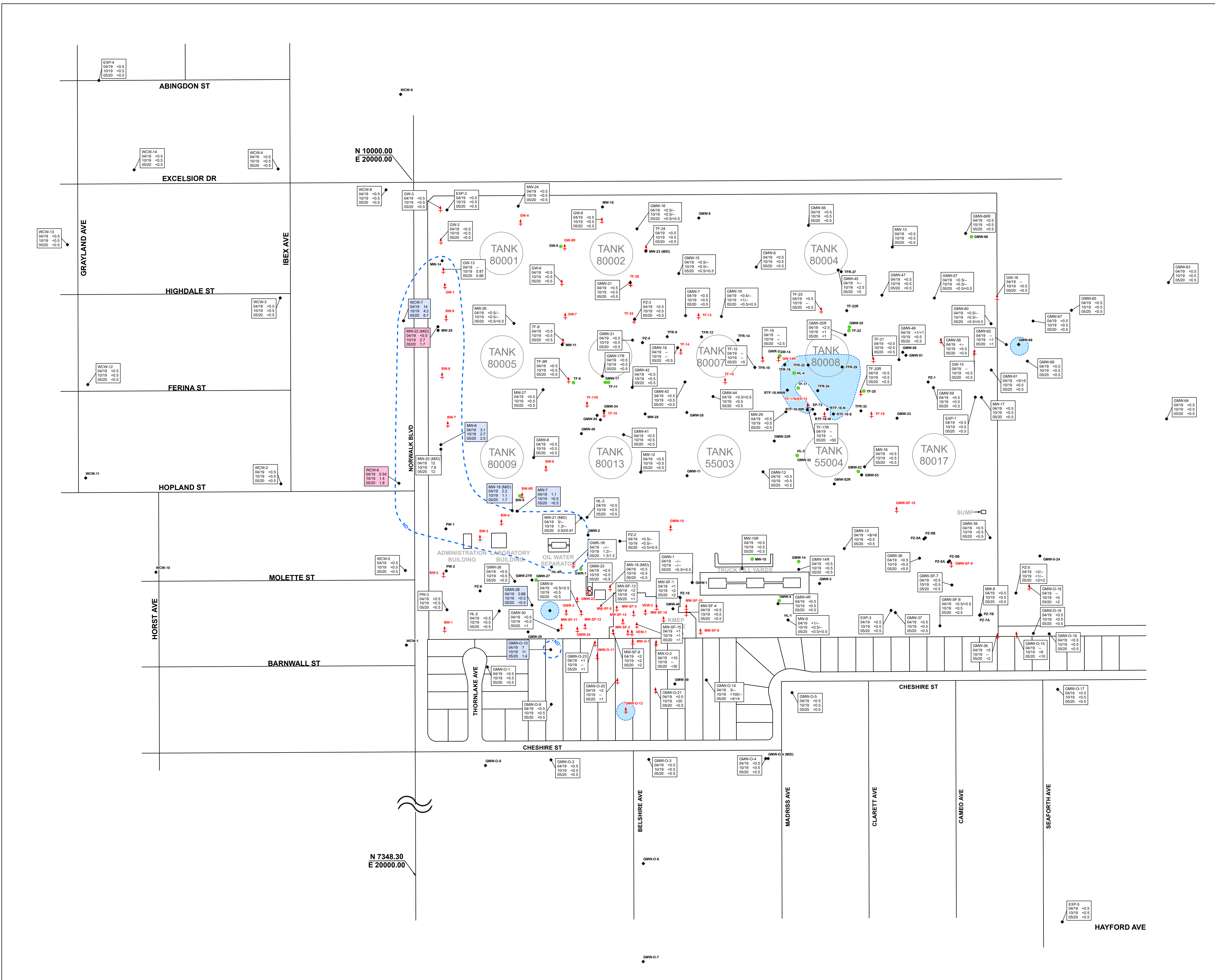
**BENZENE IN GROUNDWATER
May 2020**

DEFENSE FUEL SUPPORT POINT NORWALK
Norwalk, California

By: Ann Espejo Date: 6/2020 Project No: KMNWCR20

Jacobs Figure 5

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Explanation

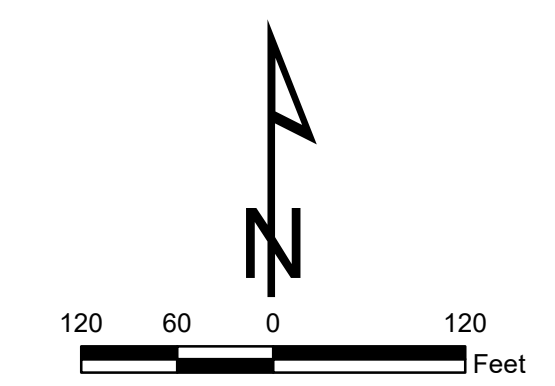
- GMW-5** ● Monitoring well and designation
- VEW-1** † Vapor extraction, groundwater extraction, total fluids, or free product extraction well used for site remediation
- TF-17** ● Decommissioned well
- 1,2-Dichloroethane (1,2-DCA) results in micrograms per liter (µg/L) for the three most recent semiannual 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.
- <math><100</math> Not detected at or above laboratory reporting limit shown
- Not sampled/not analyzed
- <math><100/<100</math> 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.

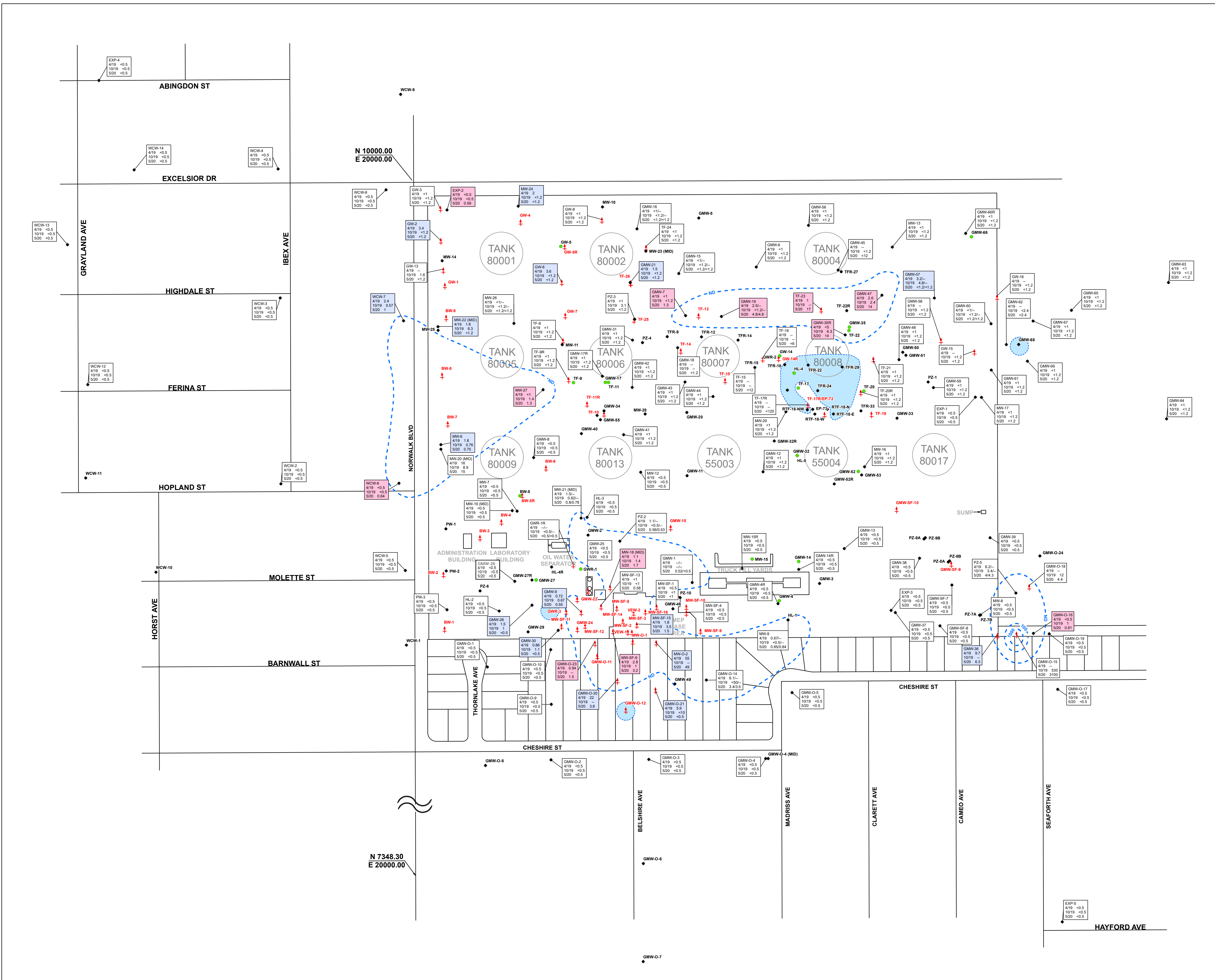


1,2-DICHLOROETHANE IN GROUNDWATER
May 2020
DEFENSE FUEL SUPPORT POINT NORWALK
Norwalk, California

By: Ann Espejo Date: 6/2020 Project No: KMNWCR20

Jacobs Figure 6

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Explanation

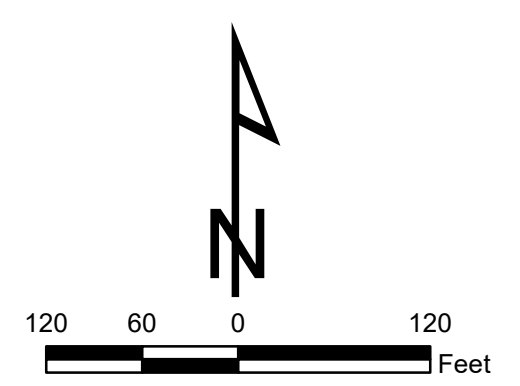
- GMW-5** ● Monitoring well and designation
- VEW-1** ↑ Vapor extraction, groundwater extraction, total fluids, or free product extraction well used for site remediation
- TF-17** ● Decommissioned well
- Where the databox is shown in white, the concentration of MTBE has remained similar (concentration 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.

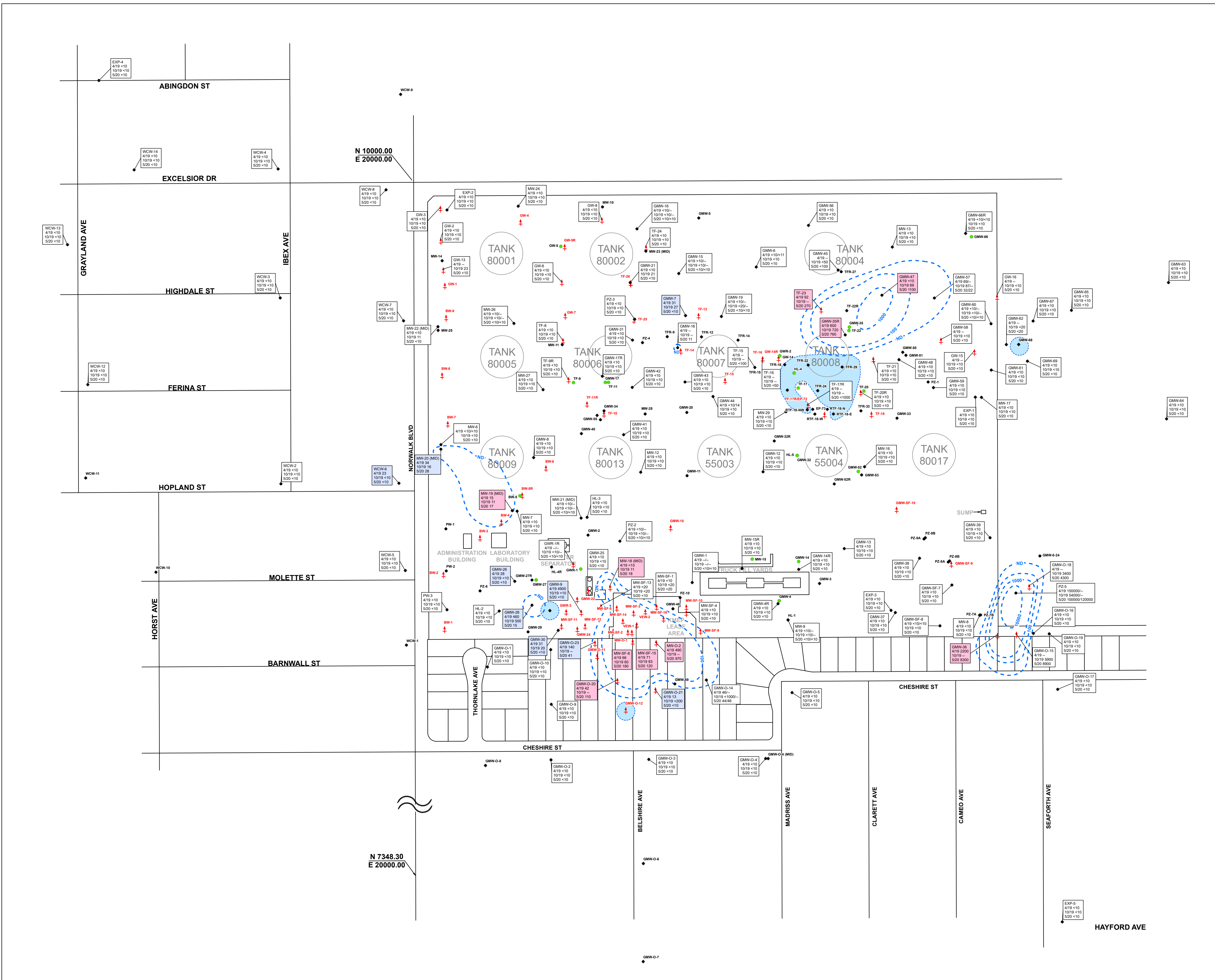
Survey Notes

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
May 2020
DEFENSE FUEL SUPPORT POINT NORWALK
Norwalk, California

By: Ann Espejo	Date: 6/2020	Project No: KMNWCR20
Jacobs		Figure 7



Explanation

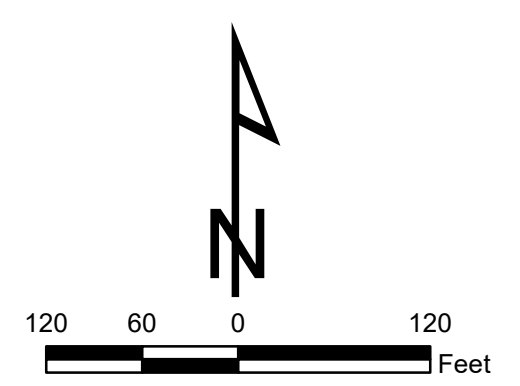
- GMW-5** ● Monitoring well and designation
- VEW-1** † Vapor extraction, groundwater extraction, total fluids, or free product extraction well used for site remediation
- TF-17** ● Decommissioned well
- Where the databox is shown in white, the concentration of TBA has remained similar (concentration 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
May 2020
DEFENSE FUEL SUPPORT POINT NORWALK
Norwalk, California

By: Ann Espejo Date: 6/2020 Project No: KMNWCR20

Jacobs Figure 8

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Appendix A
Semiannual Event Field Forms
(electronic copy available by downloading this report from
GeoTracker)

*Semiannual Event Field Forms are available electronically by downloading the
First Semiannual 2020 Groundwater Monitoring Report, Defense Fuel Support Point, Norwalk, California,
dated August 2020, from the GeoTracker website at
https://www.waterboards.ca.gov/ust/electronic_submittal/about.html.*

Appendix B
Semiannual Event Laboratory Reports
(electronic copy available by downloading this report from
GeoTracker)

Semiannual event laboratory reports are available electronically by downloading the First Semiannual 2020 Groundwater Monitoring Report, Defense Fuel Support Point, Norwalk, California, dated August 2020, from the GeoTracker website at https://www.waterboards.ca.gov/ust/electronic_submittal/about.html.

Appendix C
Summary of Historical Groundwater Elevations –
November 1996 through May 2020

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	04/11/11	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
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
EP-73	04/15/19	77.21	35.39	35.85	0.46	NC
EP-73	10/30/19	77.21	---	36.19	---	NC
EP-73	05/05/20	77.21	---	35.54	---	41.67
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	05/28/10	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
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-1	11/05/18	78.44	---	61.74	---	16.70
EXP-1	04/16/19	78.44	---	60.63	---	17.81
EXP-1	04/18/19	78.44	---	60.77	---	17.67
EXP-1	10/28/19	78.44	---	61.80	---	16.64
EXP-1	10/28/19	78.44	---	61.83	---	16.61
EXP-1	05/04/20	78.44	---	60.24	---	18.20
EXP-1	05/04/20	78.44	---	60.35	---	18.09
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-2	11/05/18	79.43	---	62.92	---	16.51
EXP-2	11/05/18	79.43	---	62.91	---	16.52
EXP-2	04/12/19	79.43	---	61.75	---	17.68
EXP-2	04/16/19	79.43	---	61.77	---	17.66
EXP-2	04/18/19	79.43	---	61.87	---	17.56
EXP-2	10/28/19	79.43	---	62.91	---	16.52
EXP-2	10/28/19	79.43	---	62.96	---	16.47
EXP-2	05/04/20	79.43	---	61.52	---	17.91
EXP-2	05/04/20	79.43	---	61.48	---	17.95
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	01/08/11	77.58	---	53.91	---	23.67
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-3	11/05/18	77.58	---	60.98	---	16.60
EXP-3	11/05/18	77.58	---	60.92	---	16.66
EXP-3	04/16/19	77.58	---	59.65	---	17.93
EXP-3	04/16/19	77.58	---	59.72	---	17.86
EXP-3	10/28/19	77.58	---	61.08	---	16.50
EXP-3	10/28/19	77.58	---	60.90	---	16.68
EXP-3	05/04/20	77.58	---	59.33	---	18.25
EXP-3	05/04/20	77.58	---	59.36	---	18.22
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	04/17/17	79.81	---	61.41	---	18.40
EXP-4	10/02/17	79.81	---	62.03	---	17.78
EXP-4	11/05/18	79.81	---	62.95	---	16.86
EXP-4	04/16/19	79.81	---	61.92	---	17.89
EXP-4	10/28/19	79.81	---	63.16	---	16.65
EXP-4	05/04/20	79.81	---	61.66	---	18.15
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	02/19/08	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
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	11/05/18	72.41	---	53.61	---	18.80
EXP-5	04/16/19	72.41	---	54.14	---	18.27
EXP-5	10/28/19	72.41	---	55.50	---	16.91
EXP-5	05/04/20	72.41	---	53.81	---	18.60
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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	11/05/18	74.77	---	NM	---	NC
GMW-1	04/16/19	74.77	---	DRY	---	NC
GMW-1	10/28/19	74.77	---	DRY	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	05/04/20	74.77	---	32.90	---	41.87
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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	11/05/18	73.35	34.14	34.16	0.02	39.21
GMW-10	04/16/19	73.35	---	30.55	---	42.80
GMW-10	10/28/19	73.35	---	34.12	---	NC
GMW-10	05/04/20	73.35	---	31.44	---	41.91
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	04/15/16	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	11/05/18	72.90	---	NM	---	NC
GMW-11	04/16/19	72.90	---	NM	---	NC
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-12	11/05/18	75.21	---	35.17	---	40.04
GMW-12	04/19/19	75.21	---	32.94	---	42.27
GMW-12	10/28/19	75.21	---	34.59	---	40.62
GMW-12	05/05/20	75.21	---	33.44	---	41.77
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
GMW-13	04/11/16	74.17	---	32.13	---	42.04
GMW-13	10/03/16	74.17	---	33.20	---	40.97

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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	11/05/18	74.17	---	34.01	---	40.16
GMW-13	04/16/19	74.17	---	31.92	---	42.25
GMW-13	10/28/19	74.17	---	33.42	---	40.75
GMW-13	05/04/20	74.17	---	32.03	---	42.14
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-14R	11/05/18	75.30	---	35.28	---	40.02
GMW-14R	04/16/19	75.30	---	33.24	---	42.06
GMW-14R	10/28/19	75.30	---	34.98	---	40.32
GMW-14R	05/04/20	75.30	---	32.60	---	42.70
GMW-15	11/20/96	76.21	---	29.70	---	46.51

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-15	11/05/18	76.21	---	35.72	---	40.49
GMW-15	04/22/19	76.21	---	34.33	---	41.88
GMW-15	10/29/19	76.21	---	35.41	---	40.80
GMW-15	05/05/20	76.21	---	35.42	---	40.79
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-16	11/05/18	77.00	---	37.15	---	39.85
GMW-16	04/18/19	77.00	---	35.84	---	41.16
GMW-16	10/29/19	77.00	---	36.97	---	40.03
GMW-16	05/05/20	77.00	---	36.65	---	40.35
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	04/08/11	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-17R	11/05/18	77.79	---	37.53	---	40.26
GMW-17R	04/19/19	---	---	NM	---	NC
GMW-17R	10/28/19	77.79	---	37.97	---	39.82
GMW-17R	05/04/20	77.79	---	36.26	---	41.53
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-18	11/05/18	75.36	36.12	38.40	2.28	NC
GMW-18	04/15/19	75.36	---	34.55	---	40.81
GMW-18	05/10/19	75.36	---	34.89	---	40.47
GMW-18	10/30/19	75.36	---	36.30	---	NC
GMW-18	05/05/20	75.36	---	35.60	---	39.76
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-19	11/05/18	76.83	---	36.37	---	40.46
GMW-19	04/22/19	76.83	---	34.88	---	41.95
GMW-19	10/30/19	76.83	---	35.99	---	40.84
GMW-19	05/04/20	76.83	---	35.51	---	41.32
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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-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-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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	11/05/18	75.10	---	35.08	---	40.02
GMW-20	04/16/19	75.10	---	22.90	---	NC
GMW-20	10/28/19	75.10	---	34.86	---	40.24
GMW-20	05/04/20	75.10	---	33.45	---	41.65
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-21	11/05/18	76.23	---	35.52	---	40.71
GMW-21	04/19/19	76.23	---	33.95	---	42.28
GMW-21	10/29/19	76.23	---	35.42	---	40.81
GMW-21	05/05/20	76.23	---	35.39	---	40.84
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
GMW-22	08/09/99	74.17	---	NM	---	NC
GMW-22	11/15/99	74.17	---	NM	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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	11/05/18	77.24	---	38.02	---	39.22
GMW-22	04/16/19	77.24	---	36.19	---	41.05
GMW-22	10/28/19	77.24	---	37.88	---	39.36
GMW-22	05/04/20	77.24	---	35.64	---	41.60
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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	11/05/18	74.85	36.18	36.20	0.02	38.67
GMW-23	04/16/19	74.85	---	34.34	---	40.51
GMW-23	11/01/19	74.85	---	35.48	---	39.37
GMW-23	05/04/20	74.85	33.10	34.56	1.46	41.46
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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	11/05/18	77.48	38.19	38.63	0.44	39.20
GMW-24	04/16/19	77.48	---	38.43	---	39.05
GMW-24	10/28/19	77.48	---	38.65	---	38.83
GMW-24	05/04/20	77.48	---	36.24	---	41.24
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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	11/05/18	78.14	---	38.70	---	39.44
GMW-25	04/16/19	78.14	---	36.89	---	41.25
GMW-25	10/28/19	78.14	---	37.10	---	41.04
GMW-25	05/04/20	78.14	---	36.49	---	41.65
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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	11/05/18	74.52	---	37.70	---	36.82
GMW-26	11/05/18	74.52	---	37.70	---	36.82
GMW-26	04/16/19	74.52	---	33.41	---	41.11
GMW-26	10/28/19	74.52	---	35.23	---	39.29

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	05/04/20	74.52	---	35.52	---	39.00
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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-27R	11/05/18	77.15	---	NM	---	NC
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 May 2020
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	11/05/18	74.68	---	35.54	---	39.14
GMW-28	04/16/19	74.68	---	34.30	---	40.38
GMW-28	10/28/19	74.68	---	35.73	---	38.95
GMW-28	05/04/20	74.68	---	33.35	---	41.33
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	04/08/13	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
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	11/05/18	77.57	35.62	35.68	0.06	41.94
GMW-29	04/16/19	77.57	---	34.92	---	42.65
GMW-29	10/28/19	77.57	---	36.10	---	41.47
GMW-29	05/04/20	77.57	---	33.38	---	44.19
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-3	10/28/19	---	---	NM	---	NC
GMW-3	05/04/20	75.10	---	33.17	---	41.93
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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	11/05/18	74.91	35.73	35.75	0.02	39.18
GMW-30	04/16/19	74.91	---	34.73	---	40.18
GMW-30	10/28/19	74.91	---	35.98	---	38.93
GMW-30	05/04/20	74.91	---	33.36	---	41.55
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-31	11/05/18	76.50	---	34.32	---	42.18
GMW-31	04/15/19	---	---	NM	---	NC
GMW-31	10/28/19	76.50	---	34.35	---	42.15
GMW-31	05/04/20	76.50	---	33.31	---	NC
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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-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-32R	11/05/18	76.93	---	NM	---	NC
GMW-32R	04/19/19	76.93	---	NM	---	NC
GMW-32R	10/29/19	76.93	---	NM	---	NC
GMW-32R	05/05/20	76.93	---	DRY	---	NC
GMW-33	11/20/96	74.88	---	27.97	---	46.91
GMW-33	07/01/97	74.88	---	26.84	---	48.04
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-33	11/05/18	74.88	---	NM	---	NC
GMW-33	04/19/19	74.88	---	NM	---	NC
GMW-33	10/28/19	74.88	---	NM	---	NC
GMW-33	05/04/20	74.88	---	DRY	---	NC
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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	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
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-35R	11/05/18	75.90	---	39.51	---	36.39

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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-35R	04/22/19	75.90	---	37.85	---	38.05
GMW-35R	10/29/19	75.90	---	38.75	---	37.15
GMW-35R	05/05/20	75.90	---	34.12	---	41.78
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	10/06/14	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
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	11/05/18	76.66	---	35.91	---	40.75
GMW-36	04/23/19	76.66	---	33.56	---	43.10
GMW-36	10/28/19	76.66	---	34.86	---	NC
GMW-36	05/04/20	76.66	---	31.03	---	45.63
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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	11/05/18	77.32	---	36.89	---	40.43
GMW-37	04/16/19	77.32	---	34.82	---	42.50
GMW-37	10/28/19	77.32	---	36.30	---	41.02
GMW-37	05/04/20	77.32	---	35.03	---	42.29
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	04/19/04	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
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	11/05/18	75.47	---	35.05	---	40.42
GMW-38	04/16/19	75.47	---	32.81	---	42.66
GMW-38	10/28/19	75.47	---	34.38	---	41.09
GMW-38	05/04/20	75.47	---	33.22	---	42.25
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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	11/05/18	75.05	---	34.40	---	40.65
GMW-39	11/05/18	75.05	---	34.40	---	40.65
GMW-39	04/16/19	75.05	---	32.38	---	42.67
GMW-39	10/28/19	75.05	---	33.58	---	41.47
GMW-39	05/04/20	75.05	---	32.87	---	42.18
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-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
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-40	10/28/19	---	---	NM	---	NC
GMW-40	05/05/20	73.13	---	NM	---	NC
GMW-41	11/20/96	74.46	---	27.92	---	46.54
GMW-41	07/01/97	74.46	---	28.31	---	46.15

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-41	11/05/18	72.69	---	33.12	---	39.57
GMW-41	04/15/19	---	---	NM	---	NC
GMW-41	10/28/19	72.69	---	33.07	---	39.62

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	05/04/20	72.69	---	31.11	---	NC
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-42	11/05/18	75.50	---	35.58	---	39.92
GMW-42	04/15/19	---	---	NM	---	NC
GMW-42	10/28/19	75.50	---	35.69	---	39.81
GMW-42	05/04/20	75.50	---	34.23	---	NC
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-43	11/05/18	76.07	---	35.81	---	40.26
GMW-43	04/19/19	76.07	---	33.54	---	42.53
GMW-43	10/28/19	76.07	---	35.48	---	40.59
GMW-43	05/04/20	76.07	---	34.41	---	41.66
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-44	11/05/18	75.71	---	35.46	---	40.25
GMW-44	04/19/19	75.71	---	33.56	---	42.15
GMW-44	10/28/19	75.71	---	35.05	---	40.66
GMW-44	05/04/20	75.71	---	33.93	---	41.78
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-45	11/05/18	75.67	34.49	34.99	0.50	NC
GMW-45	04/15/19	75.67	---	33.74	---	41.93
GMW-45	05/10/19	75.67	---	33.51	---	42.16
GMW-45	10/30/19	75.67	---	34.08	---	41.59
GMW-45	05/05/20	75.67	---	33.66	---	42.01
GMW-46	08/26/06	76.10	---	24.72	---	51.38
GMW-46	08/28/07	75.31	---	25.89	---	49.42
GMW-47	11/20/96	75.98	---	29.43	---	46.55

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-47	11/05/18	75.98	---	35.53	---	40.45
GMW-47	04/22/19	75.98	---	33.84	---	42.14
GMW-47	05/10/19	75.98	---	34.84	---	41.14
GMW-47	10/29/19	75.98	---	34.84	---	41.14
GMW-47	05/05/20	75.98	---	34.56	---	41.42
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-48	11/05/18	75.03	---	38.08	---	36.95
GMW-48	04/18/19	75.03	---	35.49	---	39.54
GMW-48	10/28/19	75.03	---	37.14	---	37.89
GMW-48	05/05/20	75.03	---	37.10	---	37.93
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	11/05/18	75.13	---	35.25	---	39.88
GMW-4R	04/16/19	75.13	---	33.49	---	41.64
GMW-4R	10/28/19	75.13	---	34.97	---	40.16
GMW-4R	05/04/20	75.13	---	32.35	---	42.78
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-5	11/05/18	77.61	---	NM	---	NC
GMW-5	04/16/19	77.61	---	NM	---	NC
GMW-5	10/28/19	77.61	---	NM	---	NC
GMW-5	05/04/20	77.61	---	DRY	---	NC
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
GMW-52	08/28/07	75.03	---	25.80	---	49.23

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-54	11/05/18	74.73	---	34.76	---	39.97
GMW-54	05/10/19	74.73	---	30.53	---	44.20
GMW-54	10/28/19	74.73	---	35.84	---	38.89
GMW-54	05/05/20	74.73	---	33.46	---	41.27
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-56	11/05/18	76.52	---	34.56	---	41.96
GMW-56	04/16/19	76.52	---	33.88	---	42.64
GMW-56	10/28/19	76.52	---	34.09	---	42.43
GMW-56	05/04/20	76.52	---	34.06	---	42.46

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-57	11/05/18	76.66	---	36.14	---	40.52
GMW-57	04/18/19	76.66	---	35.13	---	41.53
GMW-57	10/28/19	76.66	---	35.45	---	41.21
GMW-57	05/05/20	76.66	---	35.09	---	41.57
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-58	11/05/18	75.48	35.69	35.71	0.02	NC
GMW-58	04/15/19	75.48	34.55	34.56	0.01	NC
GMW-58	10/30/19	75.48	---	35.01	---	40.47
GMW-58	05/05/20	75.48	---	34.01	---	41.47
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-59	11/05/18	75.28	---	33.97	---	41.31
GMW-59	04/18/19	75.28	---	31.26	---	44.02
GMW-59	10/28/19	75.28	---	32.61	---	42.67
GMW-59	05/05/20	75.28	---	32.48	---	42.80
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	04/11/08	77.31	---	28.34	---	48.97
GMW-6	07/24/08	77.31	---	28.81	---	48.50
GMW-6	10/13/08	77.31	---	29.48	---	47.83
GMW-6	02/09/09	77.31	---	29.62	---	47.69
GMW-6	04/20/09	77.31	---	29.21	---	48.10
GMW-6	07/16/09	77.31	---	29.51	---	47.80
GMW-6	10/19/09	77.31	---	29.94	---	47.37
GMW-6	04/07/10	77.31	---	29.74	---	47.57
GMW-6	04/12/10	77.31	---	29.42	---	47.89
GMW-6	01/06/11	77.31	---	30.23	---	47.08
GMW-6	02/24/11	77.31	---	29.29	---	48.02
GMW-6	04/08/11	77.31	---	28.86	---	48.45
GMW-6	07/07/11	77.31	---	29.16	---	48.15
GMW-6	10/06/11	77.31	---	29.62	---	47.69
GMW-6	04/12/12	77.31	---	30.86	---	46.45
GMW-6	04/19/12	77.31	---	30.57	---	46.74
GMW-6	01/10/13	77.31	---	31.96	---	45.35
GMW-6	04/02/13	77.31	---	31.91	---	45.40
GMW-6	04/08/13	77.31	---	31.91	---	45.40
GMW-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-6	11/05/18	77.31	---	36.79	---	40.52
GMW-6	04/16/19	77.31	---	35.89	---	41.42
GMW-6	10/28/19	77.31	---	36.33	---	40.98
GMW-6	05/04/20	77.31	---	36.14	---	41.17
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-60	11/05/18	76.24	---	35.70	---	40.54
GMW-60	04/16/19	76.24	---	35.61	---	40.63
GMW-60	10/28/19	76.24	---	34.85	---	41.39
GMW-60	05/04/20	76.24	---	34.44	---	41.80
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-61	11/05/18	75.60	---	34.99	---	40.61
GMW-61	04/18/19	75.60	---	32.91	---	42.69
GMW-61	10/28/19	75.60	---	34.54	---	41.06
GMW-61	05/05/20	75.60	---	34.06	---	41.54
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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-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-62	11/05/18	76.34	---	35.80	---	40.54
GMW-62	04/15/19	76.34	---	34.74	---	41.60
GMW-62	10/28/19	76.34	---	35.05	---	41.29
GMW-62	05/04/20	76.34	---	34.75	---	41.59
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
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-63	11/05/18	77.32	---	35.96	---	41.36
GMW-63	04/15/19	77.32	---	35.46	---	41.86
GMW-63	10/28/19	77.32	---	35.65	---	41.67
GMW-63	05/04/20	77.32	---	36.51	---	40.81
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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-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-64	11/05/18	75.84	---	34.44	---	41.40
GMW-64	04/15/19	75.84	---	33.71	---	42.13
GMW-64	10/28/19	75.84	---	33.82	---	42.02
GMW-64	05/04/20	75.84	---	33.69	---	42.15
GMW-65	07/17/09	76.78	---	28.65	---	48.13
GMW-65	07/21/09	76.78	---	28.83	---	47.95
GMW-65	10/19/09	76.78	---	29.60	---	47.18
GMW-65	01/11/10	76.78	---	29.80	---	46.98
GMW-65	04/12/10	76.78	---	28.68	---	48.10
GMW-65	01/08/11	76.78	---	29.39	---	47.39
GMW-65	04/07/11	76.78	---	27.98	---	48.80
GMW-65	07/07/11	76.78	---	28.63	---	48.15
GMW-65	10/06/11	76.78	---	29.18	---	47.60
GMW-65	01/09/12	76.78	---	29.43	---	47.35
GMW-65	04/12/12	76.78	---	30.15	---	46.63
GMW-65	04/18/12	76.78	---	29.85	---	46.93
GMW-65	01/11/13	76.78	---	31.08	---	45.70
GMW-65	04/03/13	76.78	---	31.07	---	45.71
GMW-65	04/08/13	76.78	---	30.92	---	45.86
GMW-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	10/02/17	76.78	---	34.51	---	42.27
GMW-65	04/16/18	76.78	---	35.22	---	41.56
GMW-65	11/05/18	76.78	---	35.85	---	40.93
GMW-65	04/15/19	76.78	---	35.16	---	41.62
GMW-65	10/28/19	76.78	---	35.32	---	41.46
GMW-65	05/04/20	76.78	---	35.16	---	41.62
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-66R	11/05/18	79.23	---	38.53	---	40.70
GMW-66R	04/16/19	79.23	---	37.87	---	41.36
GMW-66R	10/28/19	79.23	---	38.05	---	41.18
GMW-66R	05/04/20	79.23	---	37.84	---	41.39
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-67	11/05/18	76.00	---	35.22	---	40.78
GMW-67	04/15/19	76.00	---	34.36	---	41.64
GMW-67	10/28/19	76.00	---	34.57	---	41.43
GMW-67	05/04/20	76.00	---	34.39	---	41.61
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-68	11/05/18	75.52	34.84	34.86	0.02	NC
GMW-68	04/15/19	75.52	33.78	33.79	0.01	NC
GMW-68	10/30/19	75.52	---	34.04	---	NC
GMW-68	05/05/20	75.52	33.54	33.55	0.01	41.98
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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-69	11/05/18	75.31	---	34.55	---	40.76
GMW-69	04/15/19	75.31	---	33.35	---	41.96
GMW-69	10/28/19	75.31	---	33.79	---	41.52
GMW-69	05/04/20	75.31	---	33.54	---	41.77
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
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-7	11/05/18	76.87	---	36.58	---	40.29
GMW-7	04/22/19	76.87	---	34.74	---	42.13
GMW-7	10/30/19	76.87	---	36.20	---	40.67

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	05/05/20	76.87	---	35.58	---	41.29
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
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	11/05/18	73.20	---	33.95	---	39.25
GMW-8	04/16/19	73.20	---	27.98	---	45.22
GMW-8	10/28/19	73.20	---	33.87	---	39.33

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	05/04/20	73.20	---	32.23	---	40.97
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 May 2020
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	11/05/18	77.16	---	37.84	---	39.32
GMW-9	04/23/19	77.16	---	29.72	---	NC
GMW-9	10/28/19	77.16	---	37.90	---	39.26
GMW-9	05/04/20	77.16	---	35.37	---	41.79
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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	11/05/18	71.45	---	31.77	---	39.68
GMW-O-1	04/16/19	71.45	---	31.03	---	40.42
GMW-O-1	10/28/19	71.45	---	31.86	---	39.59
GMW-O-1	05/04/20	71.45	---	30.42	---	41.03
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	10/07/13	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
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	11/05/18	73.98	---	34.82	---	39.16
GMW-O-10	04/16/19	73.98	---	33.86	---	40.12
GMW-O-10	10/28/19	73.98	---	35.00	---	38.98
GMW-O-10	05/04/20	73.98	---	32.53	---	41.45
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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	11/05/18	74.17	33.11	33.22	0.11	41.04
GMW-O-11	04/16/19	74.17	---	NM	---	NC
GMW-O-11	10/28/19	74.17	---	NM	---	NC
GMW-O-11	05/04/20	74.17	---	30.94	---	43.23
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	---	.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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-12	11/05/18	73.49	32.31	32.65	0.34	41.11
GMW-O-12	04/16/19	73.49	31.21	31.62	0.41	42.20
GMW-O-12	10/28/19	73.49	---	32.45	---	NC
GMW-O-12	05/04/20	73.49	30.04	30.35	0.31	43.39
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	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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	10/27/14	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-14	11/05/18	74.08	---	34.27	---	39.81
GMW-O-14	04/16/19	74.08	---	32.85	---	41.23
GMW-O-14	10/28/19	74.08	---	34.07	---	40.01
GMW-O-14	05/04/20	74.08	---	32.05	---	42.03
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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 May 2020
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-15	11/05/18	74.86	---	32.38	---	42.48
GMW-O-15	04/23/19	74.86	29.84	29.84	0.00	45.02
GMW-O-15	10/31/19	74.86	---	29.28	---	45.58
GMW-O-15	05/04/20	74.86	---	31.13	---	43.73
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-16	11/05/18	74.10	---	33.24	---	40.86
GMW-O-16	04/16/19	74.10	---	29.89	---	44.21

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	10/28/19	74.10	---	32.10	---	42.00
GMW-O-16	05/04/20	74.10	---	30.97	---	43.13
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-17	11/05/18	73.78	---	32.46	---	41.32
GMW-O-17	04/16/19	73.78	---	30.83	---	42.95
GMW-O-17	10/28/19	73.78	---	31.35	---	42.43
GMW-O-17	05/04/20	73.78	---	31.22	---	42.56
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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	11/05/18	74.32	32.90	33.03	0.13	41.29
GMW-O-18	04/16/19	74.32	---	30.89	---	43.43
GMW-O-18	10/28/19	74.32	---	32.05	---	42.27
GMW-O-18	05/04/20	74.32	---	31.68	---	42.64
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-19	11/05/18	74.46	---	33.37	---	41.09
GMW-O-19	04/16/19	74.46	---	31.22	---	43.24
GMW-O-19	10/28/19	74.46	---	32.19	---	42.27
GMW-O-19	05/04/20	74.46	---	30.94	---	43.52
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-2	11/05/18	72.54	---	32.27	---	40.27
GMW-O-2	04/16/19	72.54	---	31.49	---	41.05
GMW-O-2	10/28/19	72.54	---	31.45	---	41.09
GMW-O-2	05/04/20	72.54	---	31.04	---	41.50

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	10/02/17	73.32	---	33.03	---	40.29
GMW-O-20	04/16/18	73.32	---	32.67	---	40.65
GMW-O-20	11/05/18	73.32	---	32.92	---	40.40
GMW-O-20	04/23/19	73.32	---	30.55	---	42.77
GMW-O-20	11/01/19	73.32	---	32.53	---	NC
GMW-O-20	05/04/20	73.32	---	30.70	---	42.62
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-21	11/05/18	71.43	---	33.68	---	37.75
GMW-O-21	04/16/19	71.43	---	32.34	---	39.09
GMW-O-21	11/01/19	71.43	---	33.00	---	38.43
GMW-O-21	05/04/20	71.43	---	31.24	---	40.19
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-23	11/05/18	73.63	---	34.31	---	39.32
GMW-O-23	04/16/19	73.63	---	32.99	---	40.64
GMW-O-23	10/28/19	73.63	---	34.40	---	NC
GMW-O-23	05/04/20	73.63	---	31.92	---	41.71
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-O-24	11/05/18	74.39	---	NM	---	NC
GMW-O-24	04/16/19	74.39	---	31.59	---	42.80
GMW-O-24	10/28/19	74.39	---	DRY	---	NC
GMW-O-24	05/04/20	74.39	---	32.07	---	42.32
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	05/15/00	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-3	11/05/18	72.19	---	32.29	---	39.90
GMW-O-3	04/16/19	72.19	---	31.23	---	40.96
GMW-O-3	10/28/19	72.19	---	31.92	---	40.27
GMW-O-3	05/04/20	72.19	---	30.33	---	41.86
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	05/28/10	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	11/05/18	71.95	---	31.54	---	40.41
GMW-O-4	04/16/19	71.95	---	30.33	---	41.62
GMW-O-4	10/28/19	71.95	---	31.02	---	40.93
GMW-O-4	05/04/20	71.95	---	29.86	---	42.09
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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)	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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-5	11/05/18	72.36	---	32.13	---	40.23
GMW-O-5	04/16/19	72.36	---	30.68	---	41.68
GMW-O-5	10/28/19	72.36	---	31.63	---	40.73
GMW-O-5	05/04/20	72.36	---	30.36	---	42.00
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
GMW-O-6	10/13/08	71.41	---	22.20	---	49.21

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-6	11/05/18	71.41	---	30.25	---	41.16
GMW-O-6	04/16/19	71.41	---	29.72	---	41.69
GMW-O-6	10/28/19	71.41	---	29.93	---	41.48
GMW-O-6	05/04/20	71.41	---	29.38	---	42.03
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-7	11/05/18	70.98	---	29.15	---	41.83
GMW-O-7	04/16/19	70.98	---	28.82	---	42.16
GMW-O-7	10/28/19	70.98	---	DRY	---	NC
GMW-O-7	05/04/20	70.98	---	28.52	---	42.46
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-8	11/05/18	70.91	---	30.70	---	40.21
GMW-O-8	04/16/19	70.91	---	30.10	---	40.81
GMW-O-8	10/28/19	70.91	---	30.55	---	40.36
GMW-O-8	05/04/20	70.91	---	29.93	---	40.98
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	10/19/09	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
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-9	11/05/18	73.50	---	33.98	---	39.52
GMW-O-9	04/16/19	73.50	---	32.94	---	40.56
GMW-O-9	10/28/19	73.50	---	34.58	---	38.92
GMW-O-9	05/04/20	73.50	---	32.06	---	41.44
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	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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	04/08/02	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
GMW-SF-7	04/16/18	75.26	---	34.21	---	41.05
GMW-SF-7	11/05/18	75.26	---	34.77	---	40.49
GMW-SF-7	04/16/19	75.26	---	32.22	---	43.04
GMW-SF-7	10/28/19	75.26	---	34.00	---	41.26
GMW-SF-7	05/04/20	75.26	---	32.89	---	42.37

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-8	11/05/18	76.75	---	36.05	---	40.70
GMW-SF-8	04/16/19	76.75	---	33.74	---	43.01
GMW-SF-8	10/28/19	76.75	---	35.20	---	41.55
GMW-SF-8	05/04/20	76.75	---	34.28	---	42.47
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-1	11/05/18	75.97	---	35.83	---	40.14
GW-1	04/15/19	75.97	---	35.07	---	40.90
GW-1	10/29/19	75.97	---	35.95	---	40.02
GW-1	05/04/20	75.97	---	35.74	---	40.23
GW-13(1")	04/11/08	77.10	---	28.30	---	48.80
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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(6")	10/02/17	76.85	---	34.17	---	42.68
GW-13(6")	04/16/18	76.85	---	35.36	---	41.49
GW-13(6")	11/05/18	76.85	---	36.85	---	40.00
GW-13(6")	04/15/19	76.85	---	35.89	---	40.96
GW-13(6")	10/29/19	76.85	---	36.61	---	40.24
GW-13(6")	05/05/20	76.85	---	36.50	---	40.35
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	10/30/19	78.77	---	34.87	---	NC
GW-14R	05/05/20	78.77	---	NM	---	NC
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-14R(6")	11/05/18	78.77	34.22	37.69	3.47	NC
GW-14R(6")	04/15/19	78.77	33.74	34.76	1.02	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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(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-15(6")	11/05/18	74.94	---	NM	---	NC
GW-15(6")	04/18/19	74.94	---	34.51	---	40.43
GW-15(6")	10/29/19	74.94	---	34.03	---	40.91
GW-15(6")	05/05/20	74.94	---	34.25	---	40.69
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
GW-16(6")	11/05/18	76.33	---	35.85	---	40.48
GW-16(6")	04/16/19	76.33	---	34.97	---	41.36
GW-16(6")	10/28/19	76.33	---	35.26	---	41.07
GW-16(6")	05/04/20	76.33	---	33.80	---	42.53
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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-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-2	11/05/18	75.78	---	35.26	---	40.52
GW-2	04/15/19	75.78	---	34.97	---	40.81
GW-2	10/29/19	75.78	---	35.33	---	40.45
GW-2	05/04/20	75.78	---	35.27	---	40.51
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	04/20/09	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-3	11/05/18	75.79	---	35.54	---	40.25
GW-3	04/15/19	75.79	---	35.15	---	40.64
GW-3	10/28/19	75.79	---	35.66	---	40.13
GW-3	05/04/20	75.79	---	35.61	---	40.18
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
GW-4	07/08/11	73.86	---	NM	---	NC
GW-4	04/12/12	73.86	---	NM	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-4	11/05/18	73.86	---	NM	---	NC
GW-4	04/15/19	73.86	---	33.29	---	40.57
GW-4	10/28/19	73.86	---	33.74	---	40.12
GW-4	05/05/20	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-5R	11/05/18	79.06	---	38.59	---	40.47
GW-5R	04/16/19	79.06	---	36.78	---	42.28
GW-5R	10/28/19	79.06	---	38.65	---	40.41
GW-5R	05/04/20	79.06	---	38.33	---	40.73
GW-6	05/01/98	75.00	---	26.27	---	48.73
GW-6	05/25/99	77.41	---	29.61	---	47.80

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-6	11/05/18	76.38	---	35.99	---	40.39
GW-6	04/16/19	76.38	---	32.05	---	44.33
GW-6	10/29/19	76.38	---	36.29	---	40.09
GW-6	05/04/20	76.38	---	35.75	---	40.63
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-7	11/05/18	75.02	---	34.95	---	40.07
GW-7	05/10/19	75.02	---	33.82	---	41.20
GW-7	10/29/19	75.02	---	35.16	---	39.86
GW-7	05/04/20	75.02	---	34.18	---	40.84
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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-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-8	11/05/18	76.15	---	35.75	---	40.40
GW-8	04/16/19	76.15	---	34.68	---	41.47
GW-8	10/29/19	76.15	---	35.70	---	40.45
GW-8	05/04/20	76.15	---	35.55	---	40.60
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-1R	11/05/18	76.64	---	37.21	---	39.43
GWR-1R	04/16/19	76.64	---	34.34	---	42.30
GWR-1R	10/28/19	76.64	---	37.24	---	39.40
GWR-1R	05/04/20	76.64	---	34.95	---	41.69
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	04/16/18	77.60	---	38.73	---	38.87
GWR-3	11/05/18	77.60	---	38.42	---	39.18
GWR-3	04/16/19	77.60	---	37.16	---	40.44
GWR-3	10/28/19	77.60	---	38.58	---	39.02
GWR-3	05/04/20	77.60	---	36.02	---	41.58
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
HL-1	10/31/05	75.83	---	25.43	---	50.40
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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	---	37.21	---	39.73
HL-2	11/05/18	76.94	---	37.61	---	39.33
HL-2	04/16/19	76.94	---	36.52	---	40.42
HL-2	10/28/19	76.94	---	37.81	---	39.13
HL-2	05/04/20	76.94	---	35.62	---	41.32
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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-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	---	37.49	---	39.37
HL-3	11/05/18	76.86	---	37.39	---	39.47
HL-3	04/16/19	76.86	---	32.95	---	43.91
HL-3	10/28/19	76.86	---	37.27	---	39.59
HL-3	05/04/20	76.86	---	35.23	---	41.63
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
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-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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-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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	10/19/09	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-12	11/05/18	75.76	---	36.27	---	39.49
MW-12	04/16/19	75.76	---	29.07	---	46.69
MW-12	10/28/19	75.76	---	36.14	---	39.62
MW-12	05/04/20	75.76	---	34.06	---	41.70
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-13	11/05/18	78.25	---	37.67	---	40.58
MW-13	04/16/19	78.25	---	36.89	---	41.36
MW-13	10/28/19	78.25	---	35.16	---	43.09
MW-13	05/04/20	78.25	---	37.04	---	41.21
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	04/16/18	78.60	---	37.64	---	40.96
MW-14	11/05/18	78.60	---	38.17	---	40.43
MW-14	04/15/19	78.60	---	37.67	---	40.93
MW-14	10/29/19	78.60	---	36.19	---	42.41
MW-14	05/04/20	78.60	---	38.10	---	40.50
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
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	---	---	34.83	---	NC
MW-15R	11/05/18	74.85	---	35.08	---	39.77

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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-15R	04/16/19	74.85	---	33.11	---	41.74
MW-15R	10/28/19	74.85	---	35.00	---	39.85
MW-15R	05/04/20	74.85	---	32.59	---	42.26
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-16	11/05/18	76.87	---	36.64	---	40.23
MW-16	04/16/19	76.87	---	34.76	---	42.11
MW-16	10/28/19	76.87	---	35.65	---	41.22
MW-16	05/04/20	76.87	---	34.72	---	42.15
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-17	11/05/18	77.86	---	37.47	---	40.39
MW-17	04/16/19	77.86	---	36.11	---	41.75
MW-17	10/28/19	77.86	---	36.41	---	41.45
MW-17	05/04/20	77.86	---	36.15	---	41.71
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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)	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-18 (MID)	11/05/18	75.67	---	40.50	---	35.17
MW-18 (MID)	04/16/19	75.67	---	38.39	---	37.28
MW-18 (MID)	10/28/19	75.67	---	40.42	---	35.25
MW-18 (MID)	05/04/20	75.67	---	37.96	---	37.71
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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)	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
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-19 (MID)	11/05/18	78.14	---	41.21	---	36.93
MW-19 (MID)	04/16/19	78.14	---	38.11	---	40.03
MW-19 (MID)	10/28/19	78.14	---	41.18	---	36.96
MW-19 (MID)	05/04/20	78.14	---	39.92	---	38.22
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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)	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
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-20 (MID)	11/05/18	77.19	---	39.37	---	37.82
MW-20 (MID)	04/16/19	77.19	---	36.49	---	40.70
MW-20 (MID)	10/28/19	77.19	---	39.30	---	37.89
MW-20 (MID)	05/04/20	77.19	---	38.41	---	38.78
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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)	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
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-21 (MID)	11/05/18	77.55	---	38.11	---	39.44
MW-21 (MID)	04/16/19	77.55	---	33.63	---	43.92
MW-21 (MID)	10/28/19	77.55	---	37.93	---	39.62
MW-21 (MID)	05/04/20	77.55	---	35.92	---	41.63
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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)	04/08/02	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
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-22 (MID)	11/05/18	79.57	---	40.92	---	38.65

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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)	04/17/19	79.57	---	38.87	---	40.70
MW-22 (MID)	10/29/19	79.57	---	40.98	---	38.59
MW-22 (MID)	05/04/20	79.57	---	40.55	---	39.02
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
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	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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
MW-24	04/16/18	77.66	---	36.63	---	41.03
MW-24	11/05/18	77.66	---	37.14	---	40.52
MW-24	04/15/19	77.66	---	36.60	---	41.06
MW-24	04/16/19	77.66	---	36.41	---	41.25
MW-24	10/29/19	77.66	---	37.18	---	40.48
MW-24	05/05/20	77.66	---	37.05	---	40.61
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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-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	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
MW-26	04/19/04	77.40	---	30.54	---	46.86
MW-26	11/01/04	77.40	---	30.43	---	46.97

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-26	11/05/18	77.40	---	36.99	---	40.41
MW-26	04/17/19	77.40	---	35.11	---	42.29
MW-26	10/29/19	77.40	---	36.98	---	40.42
MW-26	05/04/20	77.40	---	36.57	---	40.83
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-27	11/05/18	78.46	---	38.35	---	40.11
MW-27	04/17/19	78.46	---	32.88	---	45.58
MW-27	10/29/19	78.46	---	38.50	---	39.96
MW-27	05/04/20	78.46	---	37.43	---	41.03
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-28	11/05/18	75.90	---	35.88	---	40.02
MW-28	05/10/19	75.90	---	30.70	---	45.20
MW-28	10/28/19	75.90	---	35.83	---	40.07
MW-28	05/04/20	75.90	---	34.83	---	41.07
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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-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-29	11/05/18	79.13	---	38.89	---	40.24
MW-29	04/19/19	79.13	---	36.94	---	42.19
MW-29	10/28/19	79.13	---	38.13	---	41.00
MW-29	05/05/20	79.13	---	37.98	---	41.15
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	10/13/08	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
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-6	11/05/18	77.20	---	36.89	---	40.31
MW-6	04/16/19	77.20	---	35.45	---	41.75
MW-6	10/28/19	77.20	---	36.77	---	40.43
MW-6	05/04/20	77.20	---	36.31	---	40.89
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
MW-7	10/02/17	78.13	---	37.74	---	40.39
MW-7	04/16/18	78.13	---	38.07	---	40.06
MW-7	11/05/18	78.13	---	38.41	---	39.72
MW-7	04/16/19	78.13	---	35.07	---	43.06
MW-7	10/28/19	78.13	---	38.16	---	39.97
MW-7	05/04/20	78.13	---	36.78	---	41.35
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-8	11/05/18	76.06	---	35.37	---	40.69
MW-8	04/16/19	76.06	---	33.13	---	42.93
MW-8	10/28/19	76.06	---	32.13	---	43.93
MW-8	05/04/20	76.06	---	31.31	---	44.75
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-9	11/05/18	77.11	---	37.19	---	39.92
MW-9	04/16/19	77.11	---	35.42	---	41.69
MW-9	10/30/19	77.11	---	35.25	---	41.86
MW-9	05/04/20	77.11	---	34.62	---	42.49
MW-O-1	04/08/02	75.48	---	24.31	---	51.17
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-1	11/05/18	75.48	---	DRY	---	NC
MW-O-1	04/16/19	75.48	---	32.09	---	43.39
MW-O-1	10/28/19	75.48	---	DRY	---	NC
MW-O-1	05/04/20	75.48	---	31.98	---	43.50
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	04/16/18	71.90	34.16	34.18	0.02	37.74
MW-O-2	11/05/18	71.90	---	34.30	---	37.60
MW-O-2	04/16/19	71.90	---	31.44	---	40.46
MW-O-2	10/28/19	71.90	---	NM	---	NC
MW-O-2	05/04/20	71.90	---	31.87	---	40.03
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	10/07/13	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
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-1	11/05/18	78.93	---	39.20	---	39.73
MW-SF-1	04/16/19	78.93	---	37.94	---	40.99
MW-SF-1	10/28/19	78.93	---	39.41	---	39.52
MW-SF-1	05/04/20	78.93	---	36.65	---	42.28

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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-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-10	11/05/18	76.53	---	DRY	---	NC
MW-SF-10	04/16/19	76.53	---	DRY	---	NC
MW-SF-10	10/28/19	76.53	---	DRY	---	NC
MW-SF-10	05/04/20	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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-11	11/05/18	78.56	---	39.52	---	39.04
MW-SF-11	11/05/18	78.56	---	34.52	---	44.04
MW-SF-11	04/16/19	78.56	---	38.52	---	40.04
MW-SF-11	10/28/19	78.56	---	39.13	---	39.43
MW-SF-11	05/04/20	78.56	---	36.95	---	41.61
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-12	11/05/18	78.07	---	38.96	---	39.11
MW-SF-12	04/16/19	78.07	---	37.53	---	40.54
MW-SF-12	10/28/19	78.07	---	38.78	---	39.29
MW-SF-12	05/04/20	78.07	---	36.36	---	41.71
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-13	11/05/18	73.40	---	34.43	---	38.97
MW-SF-13	04/16/19	73.40	---	32.29	---	41.11
MW-SF-13	11/01/19	73.40	---	33.76	---	39.64
MW-SF-13	05/04/20	73.40	---	31.52	---	41.88
MW-SF-14	08/14/07	78.16	---	27.68	---	50.48
MW-SF-14	08/21/07	78.16	---	27.60	---	50.56
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-14	11/05/18	78.16	---	DRY	---	NC
MW-SF-14	04/16/19	78.16	---	DRY	---	NC
MW-SF-14	10/28/19	78.16	---	DRY	---	NC
MW-SF-14	05/04/20	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-15	11/05/18	78.27	---	39.00	---	39.27
MW-SF-15	04/23/19	78.27	---	36.15	---	42.12
MW-SF-15	10/28/19	78.27	---	38.92	---	39.35
MW-SF-15	05/04/20	78.27	---	36.37	---	41.90
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 May 2020
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
MW-SF-16	11/05/18	78.21	---	DRY	---	NC
MW-SF-16	04/16/19	78.21	---	DRY	---	NC
MW-SF-16	10/28/19	78.21	---	DRY	---	NC
MW-SF-16	05/04/20	78.21	---	DRY	---	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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
MW-SF-2	11/05/18	78.53	---	39.55	---	38.98
MW-SF-2	04/16/19	78.53	---	37.95	---	40.58
MW-SF-2	10/28/19	78.53	---	39.26	---	39.27
MW-SF-2	05/04/20	78.53	---	36.66	---	41.87
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	04/18/14	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
MW-SF-3	04/16/18	78.12	---	38.81	---	39.31
MW-SF-3	11/05/18	78.12	---	38.69	---	39.43
MW-SF-3	04/16/19	78.12	---	NM	---	NC
MW-SF-3	10/28/19	78.12	---	38.77	---	39.35
MW-SF-3	05/04/20	78.12	---	36.19	---	41.93
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-4	11/05/18	79.38	---	39.78	---	39.60
MW-SF-4	04/16/19	79.38	---	38.45	---	40.93
MW-SF-4	10/28/19	79.38	---	39.75	---	39.63
MW-SF-4	05/04/20	79.38	---	37.13	---	42.25
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	10/06/03	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
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-5	11/05/18	79.74	---	DRY	---	NC
MW-SF-5	04/16/19	79.74	---	DRY	---	NC
MW-SF-5	10/28/19	79.74	---	DRY	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	05/04/20	79.74	---	37.86	---	41.88
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 May 2020
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-6	11/05/18	76.80	---	37.70	---	39.10
MW-SF-6	04/16/19	76.80	---	36.13	---	40.67
MW-SF-6	10/28/19	76.80	---	37.41	---	39.39
MW-SF-6	05/04/20	76.80	---	34.90	---	41.90
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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	11/05/18	74.10	---	NM	---	NC
MW-SF-9	04/16/19	74.10	---	NM	---	NC
MW-SF-9	10/28/19	74.10	---	NM	---	NC
MW-SF-9	05/04/20	74.10	---	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	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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	11/21/08	75.52	---	26.80	---	48.72
PW-1	04/20/09	75.52	---	27.27	---	48.25
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-1	11/05/18	75.52	---	DRY	---	NC
PW-1	04/16/19	75.52	---	DRY	---	NC
PW-1	10/28/19	75.52	---	DRY	---	NC
PW-1	05/04/20	75.52	---	DRY	---	NC
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-2	11/05/18	74.71	---	DRY	---	NC
PW-2	04/16/19	74.71	---	DRY	---	NC
PW-2	10/28/19	74.71	---	DRY	---	NC
PW-2	05/04/20	74.71	---	32.48	---	42.23
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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
PW-3	11/05/18	73.71	---	33.95	---	39.76
PW-3	04/16/19	73.71	---	33.12	---	40.59

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	10/31/19	73.71	---	34.06	---	39.65
PW-3	05/04/20	73.71	---	32.89	---	40.82
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-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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
PZ-10	11/05/18	74.34	---	DRY	---	NC
PZ-10	04/16/19	74.34	---	DRY	---	NC
PZ-10	10/28/19	74.34	---	DRY	---	NC
PZ-10	05/04/20	74.34	---	DRY	---	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-2	11/05/18	73.96	---	34.55	---	39.41
PZ-2	04/16/19	73.96	---	31.37	---	42.59
PZ-2	10/28/19	73.96	---	34.58	---	39.38
PZ-2	05/04/20	73.96	---	32.48	---	41.48
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	04/12/10	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-3	11/05/18	76.17	---	35.75	---	40.42
PZ-3	04/19/19	76.17	---	33.54	---	42.63
PZ-3	10/29/19	76.17	---	35.58	---	40.59
PZ-3	05/04/20	76.17	---	34.82	---	41.35
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-5	11/05/18	73.97	---	33.33	---	40.64
PZ-5	04/16/19	73.97	---	31.12	---	42.85
PZ-5	10/28/19	73.97	---	32.39	---	41.58
PZ-5	05/04/20	73.97	---	31.64	---	42.33
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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-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
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
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-E	11/05/18	75.19	34.00	35.35	1.35	NC
RTF-18-E	04/15/19	75.19	---	32.92	---	42.27

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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)
RTF-18-E	10/30/19	74.63	---	34.11	---	NC
RTF-18-E	05/05/20	74.63	32.83	33.03	0.20	42.32
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-N	11/05/18	75.17	32.90	35.55	2.65	NC
RTF-18-N	04/15/19	75.17	32.46	32.48	0.02	NC
RTF-18-N	10/30/19	75.17	---	32.71	---	NC
RTF-18-N	05/05/20	75.17	---	32.16	---	43.01
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-NNW	11/05/18	76.77	33.95	36.55	2.60	NC
RTF-18-NNW	04/15/19	76.77	---	33.26	---	43.51
RTF-18-NNW	10/30/19	74.88	---	33.92	---	NC
RTF-18-NNW	05/05/20	74.88	32.84	32.91	0.07	43.92
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-NW	11/05/18	76.22	33.40	35.95	2.55	NC
RTF-18-NW	04/15/19	76.22	32.54	32.87	0.33	NC
RTF-18-NW	10/30/19	74.28	---	33.44	---	NC
RTF-18-NW	05/05/20	74.28	31.58	31.74	0.16	44.61
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
RTF-18-W	11/05/18	74.86	33.50	36.15	2.65	NC
RTF-18-W	04/15/19	74.86	32.62	32.80	0.18	NC
RTF-18-W	10/30/19	74.37	---	33.35	---	NC
RTF-18-W	05/05/20	74.37	---	31.70	---	43.16
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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-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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-15	11/05/18	74.78	35.15	35.85	0.70	NC
TF-15	04/15/19	74.78	33.28	33.65	0.37	NC
TF-15	10/30/19	74.78	---	36.28	---	NC
TF-15	05/05/20	74.78	---	34.15	---	40.63
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-16	11/05/18	75.89	34.80	37.70	2.90	NC
TF-16	04/15/19	75.89	34.15	35.02	0.87	NC
TF-16	10/30/19	75.89	---	35.73	---	NC
TF-16	05/05/20	75.89	---	34.54	---	41.35
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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-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	04/16/18	77.63	36.22	37.29	1.07	NC
TF-17R	05/05/20	77.63	---	35.85	---	41.78
TF-17R/EP-72	11/05/18	77.63	36.78	39.04	2.26	NC
TF-17R/EP-72	04/15/19	77.63	35.80	36.64	0.84	NC
TF-17R/EP-72	10/30/19	77.63	---	36.56	---	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-18	11/05/18	73.94	33.30	35.98	2.68	NC
TF-18	04/15/19	73.94	32.45	32.46	0.01	NC
TF-18	10/30/19	74.16	---	33.09	---	41.07
TF-18	05/05/20	74.16	---	31.35	---	42.59
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	11/01/04	75.61	---	28.20	---	47.41
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-19	11/05/18	75.07	---	34.28	---	40.79
TF-19	05/10/19	75.07	---	32.36	---	42.71
TF-19	10/29/19	75.07	---	33.14	---	41.93
TF-19	05/05/20	75.07	---	32.58	---	42.49
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-20R	11/05/18	75.26	---	34.95	---	40.31
TF-20R	04/22/19	75.26	---	33.05	---	42.21
TF-20R	10/29/19	75.26	---	34.00	---	41.26
TF-20R	05/05/20	75.26	---	33.97	---	41.29
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-21	11/05/18	77.91	---	37.23	---	40.68
TF-21	04/22/19	77.91	---	35.42	---	42.49
TF-21	10/28/19	77.91	---	36.46	---	41.45
TF-21	05/05/20	77.91	---	37.23	---	40.68
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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-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-23	11/05/18	75.31	---	NM	---	NC
TF-23	04/22/19	75.31	---	33.04	---	42.27
TF-23	10/29/19	75.31	---	33.97	---	NC
TF-23	05/05/20	75.31	---	33.01	---	42.30
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-24	11/05/18	76.43	---	37.33	---	39.10
TF-24	04/19/19	76.43	---	36.09	---	40.34
TF-24	10/29/19	76.43	---	37.09	---	39.34
TF-24	05/05/20	76.43	---	37.28	---	39.15
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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 May 2020
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-8	11/05/18	74.86	---	34.31	---	40.55
TF-8	04/15/19	---	---	NM	---	NC
TF-8	10/29/19	74.86	---	35.42	---	39.44
TF-8	05/05/20	74.86	---	34.09	---	NC
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	05/07/01	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
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-9R	11/05/18	78.00	---	37.81	---	40.19
TF-9R	04/19/19	---	---	NM	---	NC
TF-9R	10/28/19	78.00	---	38.14	---	39.86
TF-9R	05/04/20	78.00	---	36.45	---	41.55
TFR-12	04/16/18	---	35.57	38.23	2.66	NC
TFR-12	11/05/18	---	35.66	39.21	3.55	NC
TFR-12	04/15/19	---	35.51	35.52	0.01	NC
TFR-12	10/30/19	---	---	NM	---	NC
TFR-12	05/05/20	76.81	---	35.47	---	41.34
TFR-14	04/16/18	---	36.18	36.80	0.62	NC
TFR-14	11/05/18	---	36.80	37.29	0.49	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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)
TFR-14	04/15/19	---	35.98	36.06	0.08	NC
TFR-14	10/30/19	---	---	NM	---	NC
TFR-14	05/05/20	77.34	---	34.99	---	42.35
TFR-15	04/16/18	---	35.88	36.55	0.67	NC
TFR-15	11/05/18	---	36.10	38.00	1.90	NC
TFR-15	04/15/19	---	35.34	35.80	0.46	NC
TFR-15	10/30/19	---	---	NM	---	NC
TFR-15	05/05/20	76.89	---	35.72	---	41.17
TFR-18	04/16/18	---	33.82	34.61	0.79	NC
TFR-18	11/05/18	---	34.59	35.50	0.91	NC
TFR-18	04/15/19	---	33.72	33.75	0.03	NC
TFR-18	10/30/19	---	---	NM	---	NC
TFR-18	05/05/20	75.18	---	33.82	---	41.36
TFR-22	04/16/18	---	32.60	37.85	5.25	NC
TFR-22	11/05/18	---	33.51	36.59	3.08	NC
TFR-22	04/15/19	---	33.09	33.52	0.43	NC
TFR-22	10/30/19	---	---	NM	---	NC
TFR-22	05/05/20	74.65	33.38	33.94	0.56	41.16
TFR-24	04/16/18	---	33.86	36.64	2.78	NC
TFR-24	11/05/18	---	33.30	36.75	3.45	NC
TFR-24	04/15/19	---	32.84	32.98	0.14	NC
TFR-24	10/30/19	---	---	NM	---	NC
TFR-24	05/05/20	74.42	33.85	33.87	0.02	40.57
TFR-27	04/16/18	---	34.08	36.90	2.82	NC
TFR-27	11/05/18	---	33.49	35.21	1.72	NC
TFR-27	04/15/19	---	33.80	34.06	0.26	NC
TFR-27	10/30/19	---	---	NM	---	NC
TFR-27	05/05/20	74.65	---	33.83	---	40.82
TFR-29	04/16/18	---	32.26	39.68	7.42	NC
TFR-29	11/05/18	---	33.15	37.95	4.80	NC
TFR-29	04/15/19	---	32.70	34.75	2.05	NC
TFR-29	10/30/19	---	---	NM	---	NC
TFR-29	05/05/20	74.69	32.59	36.52	3.93	41.31
TFR-33	04/16/18	---	34.40	37.12	2.72	NC
TFR-33	11/05/18	---	34.20	37.10	2.90	NC
TFR-33	04/15/19	---	33.28	33.80	0.52	NC
TFR-33	10/30/19	---	---	NM	---	NC
TFR-33	05/05/20	75.12	---	33.88	---	41.24
TFR-9	04/16/18	---	35.94	38.43	2.49	NC
TFR-9	11/05/18	---	36.20	38.40	2.20	NC
TFR-9	04/15/19	---	---	35.61	---	NC
TFR-9	10/30/19	---	---	NM	---	NC
TFR-9	05/05/20	77.06	---	35.29	---	41.77
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	04/08/10	---	---	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-1	11/05/18	---	---	DRY	---	NC
VEW-1	04/16/19	---	---	NM	---	NC
VEW-1	10/28/19	---	---	DRY	---	NC
VEW-1	05/04/20	---	---	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
VEW-2	11/05/18	---	---	DRY	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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)
VEW-2	04/16/19	---	---	NM	---	NC
VEW-2	10/28/19	---	---	DRY	---	NC
VEW-2	05/04/20	---	---	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
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	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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	04/08/02	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
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-1	11/05/18	72.86	---	32.77	---	40.09
WCW-1	04/16/19	72.86	---	31.95	---	40.91
WCW-1	10/28/19	72.86	---	32.70	---	40.16
WCW-1	05/04/20	72.86	---	32.02	---	40.84
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-10	11/05/18	74.06	---	34.02	---	40.04
WCW-10	04/16/19	74.06	---	34.52	---	39.54
WCW-10	10/28/19	74.06	---	33.91	---	40.15
WCW-10	05/04/20	74.06	---	34.99	---	39.07
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	05/07/01	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
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-11	11/05/18	75.29	---	35.51	---	39.78
WCW-11	04/16/19	75.29	---	35.09	---	40.20
WCW-11	10/28/19	75.29	---	35.57	---	39.72
WCW-11	05/04/20	75.29	---	35.65	---	39.64
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-12	11/05/18	76.27	---	36.23	---	40.04
WCW-12	04/16/19	76.27	---	36.12	---	40.15
WCW-12	10/28/19	76.27	---	36.51	---	39.76
WCW-12	05/04/20	76.27	---	36.69	---	39.58
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-13	11/05/18	77.70	---	37.68	---	40.02
WCW-13	04/16/19	77.70	---	38.03	---	39.67
WCW-13	10/28/19	77.70	---	38.13	---	39.57
WCW-13	05/04/20	77.70	---	38.41	---	39.29
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
WCW-14	11/05/18	78.81	---	38.68	---	40.13
WCW-14	04/16/19	78.81	---	38.95	---	39.86
WCW-14	10/28/19	78.81	---	39.20	---	39.61
WCW-14	05/04/20	78.81	---	39.36	---	39.45
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	04/12/11	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-2	11/05/18	75.34	---	34.78	---	40.56
WCW-2	04/16/19	75.34	---	34.72	---	40.62
WCW-2	10/28/19	75.34	---	35.02	---	40.32
WCW-2	05/04/20	75.34	---	35.00	---	40.34
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-3	11/05/18	76.16	---	35.62	---	40.54
WCW-3	04/16/19	76.16	---	35.82	---	40.34
WCW-3	10/28/19	76.16	---	35.98	---	40.18
WCW-3	05/04/20	76.16	---	36.10	---	40.06
WCW-4	11/20/96	78.05	---	32.61	---	45.44

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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
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-4	11/05/18	78.05	---	37.61	---	40.44
WCW-4	04/16/19	78.05	---	37.89	---	40.16

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	10/28/19	78.05	---	38.03	---	40.02
WCW-4	05/04/20	78.05	---	38.27	---	39.78
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	11/05/18	73.49	---	33.38	---	40.11
WCW-5	11/05/18	73.49	---	33.38	---	40.11
WCW-5	04/16/19	73.49	---	32.51	---	40.98
WCW-5	10/28/19	73.49	---	33.28	---	40.21
WCW-5	05/04/20	73.49	---	33.67	---	39.82
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-6	11/05/18	75.52	---	35.11	---	40.41
WCW-6	11/05/18	75.52	---	35.11	---	40.41
WCW-6	04/16/19	75.52	---	34.45	---	41.07
WCW-6	10/28/19	75.52	---	35.15	---	40.37
WCW-6	05/04/20	75.52	---	34.75	---	40.77
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-7	11/05/18	76.44	---	35.62	---	40.82
WCW-7	04/16/19	76.44	---	35.42	---	41.02
WCW-7	10/28/19	76.44	---	35.97	---	40.47
WCW-7	05/04/20	76.44	---	36.27	---	40.17
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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-8	11/05/18	77.34	---	37.04	---	40.30
WCW-8	04/16/19	77.34	---	36.92	---	40.42
WCW-8	10/28/19	77.34	---	37.20	---	40.14
WCW-8	05/04/20	77.34	---	37.29	---	40.05
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
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020
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	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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through May 2020

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	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-9	11/05/18	77.74	---	36.92	---	40.82
WCW-9	04/16/19	77.74	---	37.38	---	40.36
WCW-9	10/28/19	77.74	---	36.39	---	41.35
WCW-9	05/04/20	77.74	---	37.72	---	40.02

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 May 2020

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	GSI	82	---	<500	<500	---	1.4	<0.50	<0.50	2.7	<0.50	<1	---	---	---	---
EXP-1	03/14/97	GTI	<100	---	---	---	---	<2	<2	<2	<2	---	---	---	---	---	---
EXP-1	03/14/97	GTI	<50	---	<47	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-1	03/14/97	GTI	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-1	07/10/97	GTI	<50	---	290	<200	---	<5	<5	<5	<5	<5	<5	---	---	---	---
EXP-1	01/09/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-1	05/20/98	BBC	<300	---	---	---	---	0.5	0.9	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-1	11/04/98	GTI	<300	175	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/26/99	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	08/10/99	Alton Geoscience	<500	---	<1000	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-1	09/23/99	Secor	<300	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-1	10/12/99	Secor	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-1	11/18/99	IT Corporation	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	11/19/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	12/21/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	01/20/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	02/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	03/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	04/20/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/17/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/18/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	06/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	08/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	11/29/00	IT Corporation	<300	<100	---	---	---	0.5	<0.50	<0.50	0.7	<0.50	<0.50	---	---	---	---
EXP-1	02/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/09/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	04/10/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	07/30/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.98	---	---	---	---
EXP-1	09/06/02	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	10/23/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<0.30	<0.50	<5	---	---	---	---
EXP-1	10/24/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	01/29/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	04/10/03	GTI	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	10/08/03	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	10/08/03	Secor	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	01/29/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	04/21/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	07/19/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	07/21/04	Blaine Tech for Parsons	200	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
EXP-1	11/03/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	02/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	08/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	11/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	02/27/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/02/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/03/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	09/19/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	12/05/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	12/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	03/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/02/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	05/02/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	08/29/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	11/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	02/20/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	04/16/08	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/16/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	08/14/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	10/15/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/17/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	02/24/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
EXP-1	04/20/09	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	07/20/09	Blaine Tech	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/19/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/19/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	01/11/10	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	03/15/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/12/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.44 J	<10	<2	<2	<2
EXP-1	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	07/12/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/04/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/04/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	0.45 J	<10	---	---	---
EXP-1	01/10/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	01/10/11	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/11/11	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	07/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	07/11/11	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/10/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/10/11	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	01/09/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	01/09/12	Parsons	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	04/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/16/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	07/09/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	07/09/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/15/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/15/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	01/14/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	01/14/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/08/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/08/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/07/13	CH2M Hill	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/07/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/14/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/14/14	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
EXP-1	10/28/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-1	04/23/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1	<1	<1
EXP-1	04/23/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-1	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1	<1	<1
EXP-1	10/21/15	SGI	<100	---	<100	---	---	0.73	<0.50	<0.50	<1	<0.50	2.2	<10	<2	<2	<2
EXP-1	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	<10	<1	<1	<1
EXP-1	04/13/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.7	<10	<2	<2	<2
EXP-1	10/07/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	<10	<1	<1	<1
EXP-1	10/07/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.7	<10	<2	<2	<2
EXP-1	04/20/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.81	<10	<1	<1	<1
EXP-1	04/20/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-1	10/04/17	CHHL	<50	---	220 C	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/04/17	TSGS	<100	---	260	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-1	10/25/17	TSGS	---	---	230	---	---	---	---	---	---	---	---	---	---	---	---
EXP-1	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/17/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-1	11/06/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	11/06/18	TSGS	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-1	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/18/19	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-1	10/29/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-1	10/30/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-1	05/05/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-1	05/07/20	Jacobs	<50	---	64	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-2	11/27/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<0.10	<0.50	<1	---	---	---	---
EXP-2	03/14/97	GTI	<100	---	---	---	---	<2	<2	<2	<2	---	---	---	---	---	---
EXP-2	03/14/97	GTI	<50	---	75	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-2	03/14/97	GTI	72	---	200	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-2	07/10/97	GTI	<50	---	<50	<50	---	<5	<5	<5	<5	<5	<5	---	---	---	---
EXP-2	01/09/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-2	05/20/98	BBC	<300	---	---	---	---	<0.50	0.6	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-2	11/04/98	GTI	<300	<100	---	---	---	<0.50	1.5	1	10	<0.50	<0.50	---	---	---	---
EXP-2	05/07/99	Alton Geoscience	<500	---	<500	---	---	1.6	1.1	<0.50	1.9	<1	1.7	---	---	---	---
EXP-2	05/26/99	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	---	---	---	---
EXP-2	07/21/99	Alton Geoscience	<50	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.83	---	---	---	---
EXP-2	08/10/99	Alton Geoscience	<500	---	<1000	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	09/23/99	Secor	<300	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-2	10/12/99	Secor	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-2	11/18/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	11/19/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	12/21/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	01/20/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	02/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	03/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/20/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/16/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/18/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	06/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	08/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	11/29/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	02/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/09/01	IT Corporation	<300	<100	---	---	---	<0.50	0.9	<0.50	0.8	<0.50	<0.50	---	---	---	---
EXP-2	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/10/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	07/30/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	10/23/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-2	10/24/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	01/28/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/11/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	10/07/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	10/10/03	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	01/29/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/22/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	07/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	07/21/04	Blaine Tech for Parsons	120	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
EXP-2	11/04/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	02/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	08/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	11/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	02/28/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/03/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	05/03/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	09/19/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	12/06/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	12/06/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	03/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/02/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/03/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	08/29/07	Secor	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	02/20/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/17/08	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/17/08	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	08/14/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	10/16/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	10/17/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	02/24/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
EXP-2	04/21/09	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	1.1	0.59	0.67	1.78	<0.50	<0.50	<10	<1	<1	<1
EXP-2	07/20/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/19/09	Blaine Tech for DESC	<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	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	01/11/10	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	03/15/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/12/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	07/12/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/04/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/04/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
EXP-2	01/10/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	01/10/11	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/11/11	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	07/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	07/11/11	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	10/10/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/10/11	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	01/09/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	01/09/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/16/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	07/09/12	CH2M Hill	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	07/09/12	Parsons	<100	---	---	---	210 b	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	11	<2	<2	<2
EXP-2	10/15/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/15/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	01/14/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	01/14/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/08/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/08/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	10/07/13	CH2M Hill	<50	---	140	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/07/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/14/14	CH2M Hill	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/14/14	Parsons	<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	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/28/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-2	04/23/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/23/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-2	10/22/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/22/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-2	04/12/16	CH2M	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	04/12/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/04/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/19/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	10/02/17	TSGS	<100	---	150	---	---	1.4	<0.50	5.4	1.8	<0.50	<1	<10	<2	<2	<2
EXP-2	10/03/17	CHHL	<50	---	<100X	---	---	0.98	<0.50	4.8	1.3	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/25/17	TSGS	---	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	04/19/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/19/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	11/05/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.52	<10	<1	<1	<1
EXP-2	11/05/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	11/06/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/18/19	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	10/29/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-2	10/29/19	Jacobs	<50	---	56	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-2	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<1.0	<1.0	<1.0
EXP-2	05/07/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	11/27/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1	<0.50	<1	---	---	---	---
EXP-3	03/14/97	GTI	<100	---	---	---	---	<2	<2	<2	<2	---	---	---	---	---	---
EXP-3	03/14/97	GTI	<50	---	120	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-3	03/14/97	GTI	<50	---	250	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-3	07/10/97	GTI	<50	---	<50	<50	---	<5	<5	<5	<5	<5	<5	---	---	---	---
EXP-3	01/09/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-3	05/20/98	BBC	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-3	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	---	---	---	---
EXP-3	05/07/99	Alton Geoscience	---	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.89	---	---	---	---
EXP-3	05/27/99	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	08/10/99	Alton Geoscience	<500	---	<1000	---	---	4	6.2	<1	3.4	<0.50	<1	---	---	---	---
EXP-3	09/23/99	Secor	<300	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-3	10/12/99	Secor	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-3	11/18/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/19/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	12/21/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	01/20/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	02/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	03/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/20/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/17/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/18/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	06/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	08/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/30/00	IT Corporation	<300	<100	---	---	---	<0.50	0.5	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	02/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/09/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.60	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/07/01	IT Corporation	<300	<100	---	---	---	0.8	0.6	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	01/30/02	Secor	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/12/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	07/30/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	10/22/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<1	---	---	---	---
EXP-3	10/23/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-3	01/29/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/11/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	10/07/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	10/10/03	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	01/29/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/22/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	07/19/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	07/21/04	Blaine Tech for Parsons	120	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
EXP-3	11/03/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	02/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	08/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	02/27/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/02/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/05/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	09/18/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	12/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	12/06/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	03/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/04/07	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/04/07	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	08/30/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/15/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/16/07	Blaine Tech for Parsons	<100	1500	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	02/07/08	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	02/20/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/16/08	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	04/16/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	08/14/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	10/14/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	10/15/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	02/24/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
EXP-3	04/22/09	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	3.4	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	04/23/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	07/20/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	07/20/09	Blaine Tech for AMEC GMX	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	10/19/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	10/19/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	01/11/10	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	03/15/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/12/10	Blaine Tech for DESC	---	---	---	---	<100	0.31 J	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	05/25/10	Blaine Tech	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	07/12/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/04/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.74	<10	<1	<1	<1
EXP-3	10/04/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	0.68	<10	---	---	---
EXP-3	01/10/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.73	0.95	<10	<1	<1	<1
EXP-3	01/10/11	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.64	1	<10	<2	<2	<2
EXP-3	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.3	0.99	<10	<1	<1	<1
EXP-3	04/11/11	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	1.3	1.1	<10	<2	<2	<2
EXP-3	07/12/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.61	<0.50	<10	<1	<1	<1
EXP-3	07/12/11	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.62	0.45 J	<10	<2	<2	<2
EXP-3	10/10/11	CH2M Hill	<50	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/10/11	Parsons	<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	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	<10	<1	<1	<1
EXP-3	01/09/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.81	0.63	<10	<2	<2	<2
EXP-3	04/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.58	<0.50	<10	<1	<1	<1
EXP-3	04/16/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.54	0.48 J	<10	<2	<2	<2
EXP-3	07/09/12	CH2M Hill	<50	---	190	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	07/09/12	Parsons	<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	CH2M Hill	---	---	<50	---	---	---	---	---	---	---	---	---	---	---	---
EXP-3	10/15/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/15/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.45 J	<0.50	<10	<2	<2	<2
EXP-3	01/14/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.58	<10	<1	<1	<1
EXP-3	01/14/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	0.74	0.34 J	<10	<2	<2	<2
EXP-3	04/08/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/08/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	10/07/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/07/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	0.36 J	<0.50	<10	<2	<2	<2
EXP-3	04/14/14	CH2M Hill	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/14/14	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.52	<0.50	<10	<1	<1	<1
EXP-3	10/28/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-3	04/23/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/23/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-3	10/20/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/20/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-3	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/12/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/04/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.53	<0.50	<10	<1	<1	<1
EXP-3	04/18/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	10/04/17	CHHL	<50	---	100 C	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/04/17	TSGS	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	10/25/17	TSGS	---	---	<100	---	---	---	---	---	---	---	---	---	---	---	---
EXP-3	04/16/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.73	<0.50	<10	<1	<1	<1
EXP-3	04/16/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	11/06/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	11/06/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	04/16/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/16/19	TSGS	<100	---	120 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	10/29/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	10/31/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	05/06/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	02/03/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
EXP-4	05/06/99	Alton Geoscience	<500	---	<500	---	---	1.3	4.1	<0.50	1.7	<1	<0.50	---	---	---	---
EXP-4	07/21/99	Alton Geoscience	<50	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
EXP-4	08/10/99	Alton Geoscience	<500	---	<1000	---	---	50	80	7.7	44	2.1	4.2	---	---	---	---
EXP-4	09/23/99	Secor	<300	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-4	09/23/99	Secor	<300	---	---	---	---	<0.50	<1	<1	<1	0.72	1.2	---	---	---	---
EXP-4	10/12/99	Secor	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-4	11/19/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.6	---	---	---	---
EXP-4	12/21/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	01/20/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	0.5	<0.50	<0.50	---	---	---	---
EXP-4	02/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	03/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	04/20/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	05/18/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	06/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	08/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	11/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	02/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	09/18/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	10/24/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	10/07/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	09/20/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	05/01/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	07/20/09	Blaine Tech	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/19/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	05/24/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/17/12	CH2M Hill	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/08/13	CH2M Hill	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/28/14	CH2M Hill	<50	---	63	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/21/15	CH2M	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	11/06/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/17/19	CHHL	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	05/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	11/11/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	02/03/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
EXP-5	05/05/99	Alton Geoscience	<500	---	<500	---	---	7.6	3.9	1.4	7.4	<1	140	---	---	---	---
EXP-5	07/21/99	Alton Geoscience	<50	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	11	---	---	---	---
EXP-5	08/10/99	Alton Geoscience	<500	---	<1000	---	---	21	37	4.3	22	<0.50	2.4	---	---	---	---
EXP-5	09/23/99	Secor	<300	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-5	10/12/99	Secor	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-5	11/19/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	12/21/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	01/20/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	02/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	03/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	04/20/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	06/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	08/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	11/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	02/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	07/30/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	10/24/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	01/28/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	10/07/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	01/29/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	04/21/04	Secor	<50	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	07/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	11/04/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	02/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	08/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	02/28/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	09/19/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	03/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	05/03/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	08/28/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	11/15/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	02/20/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	08/14/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	10/15/08	Stantec	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	02/23/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
EXP-5	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	07/21/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/19/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	03/15/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	07/12/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/04/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	01/10/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	07/11/11	CH2M Hill	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/10/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	01/09/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	07/09/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	01/14/13	CH2M Hill	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/23/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	05/06/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GB-21	01/24/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<1	<1	<1
GB-21	01/24/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	140	<1	<1	<1
GB-22	01/21/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<1	<1	<1
GB-22	01/21/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	110	<1	<1	<1
GB-23	01/21/11	Blaine Tech	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	2400	<1	<1	<1
GB-23	01/21/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<1	<1	<1
GMW-1	11/27/96	Terra Services	---	---	---	---	---	13000	11000	2700	14300	<50	<500	---	---	---	---
GMW-1	07/17/97	Terra Services	68000	---	6900	---	---	10000	5500	2500	11500	<30	<300	---	---	---	---
GMW-1	01/09/98	Terra Services	5800	---	4500	---	---	5600	590	1200	4570	<30	<300	---	---	---	---
GMW-1	05/27/98	Terra Services	19600	---	---	---	---	4360	466	930	2279	<0.50	101	---	---	---	---
GMW-1	11/17/98	Alton Geoscience	4260	32200	---	---	---	950	150	360	320	<50	<50	---	---	---	---
GMW-1	05/05/99	Alton Geoscience	<500	---	<500	---	---	1.9	8.4	0.58	2.9	<1	<0.50	---	---	---	---
GMW-1	11/17/99	Secor	23000	25000	---	---	---	4700	440	1100	4040	<5	71	---	---	---	---
GMW-1	05/16/00	Secor	14000	16000	---	---	---	3100	40	720	2300	<25	50	---	---	---	---
GMW-1	11/30/00	Secor	14000	28000	---	---	---	2700	80	1000	1780	<0.50	33	---	---	---	---
GMW-1	05/09/01	Secor	1000	18000	---	---	---	1900	<13	530	468	<13	<13	---	---	---	---
GMW-1	11/06/01	Secor	11000	18000	---	---	---	2900	35	1300	280	<0.50	27	---	---	---	---
GMW-1	04/10/02	Secor	7600	13000	---	---	---	2000	26	740	295	<10	18	---	---	---	---
GMW-1	10/23/02	Secor	830	8400	---	---	---	1300	<5	330	111	<5	17	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	03/11/03	Geomatrix	340	390	---	---	---	130	<0.50	30	6.05	<0.50	0.68	---	---	---	---
GMW-1	04/08/03	Secor	4500	2100	---	---	---	2200	<10	240	142	<20	25	---	---	---	---
GMW-1	08/01/03	Secor	4000	2100	---	---	---	1600	11	360	172	<20	14	---	---	---	---
GMW-1	10/06/03	Secor	7400	2500	---	---	---	2200	12	520	196	<20	13	---	---	---	---
GMW-1	01/27/04	Secor	4400	2200	---	---	---	1500	5.7	180	200	<10	12	---	---	---	---
GMW-1	04/22/04	Secor	9100	5200	---	---	---	3200	<20	270	160	<40	<20	---	---	---	---
GMW-1	07/19/04	Secor	6000	1800	---	---	---	2100	<10	90	70	<20	20	---	---	---	---
GMW-1	11/03/04	Secor	7900	3700	---	---	---	3500	<10	88	35	<20	18	---	---	---	---
GMW-1	02/02/05	Secor	2100	1500	---	---	---	1100	<5	18	29	<10	12	---	---	---	---
GMW-1	05/06/05	Secor	<200	320	---	---	---	1.2	<1	<1	<1	<2	<1	---	---	---	---
GMW-1	08/01/05	Secor	<500	1100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
GMW-1	11/02/05	Secor	<500	1400	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
GMW-1	02/27/06	Secor	<1000	1600	---	---	---	<5	<5	<5	<5	<10	<5	---	---	---	---
GMW-1	05/04/06	Secor	<500	1600	---	---	---	4	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
GMW-1	09/18/06	Secor	<500	1300	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
GMW-1	12/06/06	Secor	<500	4500	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
GMW-1	03/13/07	Secor	<1000	2000	---	---	---	<5	<5	<5	<5	<10	<5	---	---	---	---
GMW-1	05/04/07	Secor	<50	1500	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-1	08/30/07	Secor	520	910	---	---	---	<1.5	<1.5	<1.5	<1.5	<3	<1.5	---	---	---	---
GMW-1	11/14/07	Secor	140	430	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-1	02/20/08	Secor	<200	690	---	---	---	41	<1	4.9	4.8	<2	<1	---	---	---	---
GMW-1	04/16/08	Secor	<200	1200	---	---	---	14	<1	<1	<1	<2	<1	---	---	---	---
GMW-1	10/17/08	Stantec	1600	2900	---	---	---	52	1.6	58	250	<2	<1	---	---	---	---
GMW-1	04/20/09	Blaine Tech for AMEC GMX	600	2400	---	---	---	63	1.2	25	15.7	<2	<1	<20	<2	<2	<2
GMW-1	10/22/09	Blaine Tech for Parsons	330	1900	---	---	---	1.5	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	05/27/10	Blaine Tech	900	1900	---	---	---	55	4.9	46	<1	<2	<1	<20	<2	<2	<2
GMW-1	10/07/10	Blaine Tech	400	<1700	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	04/14/11	Blaine Tech	230	1500	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	10/12/11	CH2M Hill	230	1700	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	04/19/12	CH2M Hill	<200	---	850	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	10/17/12	CH2M Hill	<500	---	880	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-1	04/11/13	CH2M Hill	<500	---	470	---	---	2.8	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-1	10/10/13	CH2M Hill	<200	---	270	---	---	<1	<1	<1	<1	<2	1.7	29	<2	<2	<2
GMW-1	04/16/14	CH2M Hill	89	---	77	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	11	<1	<1	<1
GMW-1	10/30/14	CH2M Hill	70	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.94	<10	<1	<1	<1
GMW-1	04/23/15	CH2M Hill	58	---	60	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	16	<1	<1	<1
GMW-1	10/23/15	CH2M	110	---	140	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	13	<1	<1	<1
GMW-1	03/15/16	CH2M	<50	---	180	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	<10	<1	<1	<1
GMW-1	04/14/16	CH2M	55	---	70	---	---	<0.50	<0.50	<0.50	7.7	<0.50	2.9	22	<1	<1	<1
GMW-1	06/29/16	CH2M	<50	---	69	---	---	<0.50	<0.50	<0.50	2.3	<0.50	2.9	16	<1	<1	<1
GMW-1	08/23/16	CH2M	<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	CH2M	57	---	150	---	---	0.56	<0.50	<0.50	2.9	<0.50	2	13	<1	<1	<1
GMW-1	05/11/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.52	<10	<1.0	<1.0	<1.0
GMW-2	11/21/96	Terra Services	---	---	---	---	---	6500	44	700	960	<30	4800	---	---	---	---
GMW-2	07/15/97	Terra Services	350	---	<500	---	---	59	1.2	41	20	<0.50	<5	---	---	---	---
GMW-2	01/08/98	Terra Services	<100	---	<500	---	---	4.1	0.79	1.1	1.1	2.7	220	---	---	---	---
GMW-2	05/27/98	Terra Services	<300	---	---	---	---	<0.50	58	0.8	0.5	<0.50	21	---	---	---	---
GMW-2	11/17/98	Alton Geoscience	<300	<100	---	---	---	0.88	2.1	0.9	4.8	<0.50	4.4	---	---	---	---
GMW-2	05/07/99	Alton Geoscience	<500	---	<500	---	---	8.2	<0.50	<0.50	0.94	<1	42	---	---	---	---
GMW-2	11/17/99	Secor	<300	<100	---	---	---	0.7	<0.50	<0.50	<0.50	<0.50	66	---	---	---	---
GMW-2	05/16/00	Secor	<300	200	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-2	11/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1	140	---	---	---	---
GMW-2	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	51	---	---	---	---
GMW-2	11/06/01	Secor	<300	<100	---	---	---	7.8	<0.50	<0.50	0.7	1.2	140	---	---	---	---
GMW-2	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	240	---	---	---	---
GMW-2	10/23/02	Secor	<300	240	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	260	---	---	---	---
GMW-2	10/07/03	Secor	91	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	81	---	---	---	---
GMW-2	05/06/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-2	05/09/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.2	---	---	---	---
GMW-2	05/02/07	Secor	160	110	---	---	---	73	<0.50	<0.50	2.3	<1	5.8	---	---	---	---
GMW-2	04/17/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-2	04/20/09	Blaine Tech for AMEC GMX	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-2	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	11/25/96	Terra Services	---	---	---	---	---	<5	<5	<0.50	<1.5	<5	<50	---	---	---	---
GMW-3	07/11/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
GMW-3	01/05/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-3	05/26/98	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	0.9	<0.50	<0.50	---	---	---	---
GMW-3	11/11/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
GMW-3	05/07/99	Alton Geoscience	<500	---	<500	---	---	1.1	4.4	<0.50	1.9	<1	<0.50	---	---	---	---
GMW-3	11/17/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	11/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	10/22/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	---	---	---	---
GMW-3	01/29/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.96	---	---	---	---
GMW-3	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	10/06/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	01/27/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	07/19/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	11/02/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	11/03/05	Secor	120	710	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	02/27/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	05/02/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	12/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	11/14/07	Secor	<200	1800	---	---	---	<1	<1	<1	<1	<2	<1	---	---	---	---
GMW-3	04/16/08	Blaine Tech for Parsons	<100	220	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-3	04/16/08	Secor	<100	750	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-3	10/14/08	Stantec	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	04/20/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	0.63	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	06/14/13	CH2M Hill	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.52	<10	<1	<1	<1
GMW-3	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	04/21/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	10/22/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-4	07/15/97	Terra Services	1300	---	2100	---	---	38	<0.50	35	45	<0.50	<5	---	---	---	---
GMW-4	01/08/98	Terra Services	380	---	530	---	---	14	1.2	12	18.8	1.6	<5	---	---	---	---
GMW-4	05/26/98	Terra Services	2300	---	---	---	---	42	<0.30	69	87	<2.5	<2.5	---	---	---	---
GMW-4	11/18/99	Secor	1600	4100	---	---	---	67	<0.50	51	24.1	<0.50	<0.50	---	---	---	---
GMW-4	05/19/00	Secor	2500	3400	---	---	---	48	0.5	29	36.9	<0.50	<0.50	---	---	---	---
GMW-4	04/10/03	Secor	500	1100	---	---	---	8	<0.50	8.2	26	<0.50	<0.50	---	---	---	---
GMW-4	05/04/07	Secor	2000	13000	---	---	---	110	<1	27	12.1	<2	<1	---	---	---	---
GMW-4	04/16/08	Blaine Tech for Parsons	16000	14000	---	---	---	270	<2.5	110	157	<2.5	<2.5	<50	<10	<10	<10
GMW-4	04/17/08	Secor	4400	40000	---	---	---	290	<5	89	102	<10	<5	---	---	---	---
GMW-4	11/21/08	Stantec	4900	16000	---	---	---	260	<2.5	45	27.9	<5	<2.5	---	---	---	---
GMW-4	04/23/09	Blaine Tech for AMEC GMX	2500	9500	---	---	---	120	<0.50	12	8.6	<1	3.9	<10	<1	<1	<1
GMW-4	05/27/10	Blaine Tech	2200	6100	---	---	---	170	1.1	6.3	10	<2	<1	<20	<2	<2	<2
GMW-4	10/05/10	Blaine Tech	1300	<15000	---	---	---	8.2	<1	2.8	2.2	<2	3.2	22	<2	<2	<2
GMW-4	04/14/11	Blaine Tech	2800	24000	---	---	---	130	<1	2	3.4	<2	<1	<20	<2	<2	<2
GMW-4	10/12/11	CH2M Hill	1200	4200	---	---	---	62	<1	1.4	<1	<2	3.8	<20	<2	<2	<2
GMW-4	04/20/12	CH2M Hill	4600	---	25000	---	---	170	<10	<10	<10	<20	<10	<200	<20	<20	<20
GMW-4	10/19/12	CH2M Hill	1300	---	8100	---	---	36	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-4	04/12/13	CH2M Hill	2100	---	8000	---	---	56	<4	<4	<4	<8	<4	<80	<8	<8	<8
GMW-4	10/11/13	CH2M Hill	1800	---	2400	---	---	24	<0.50	1.1	1.7	<1	2.2	<10	<1	<1	<1
GMW-4R	04/18/17	CH2M	84	---	70	---	---	6.1	<0.50	2.2	1.2	<0.50	0.74	<10	<1	<1	<1
GMW-4R	10/05/17	CHHL	<50	---	70	---	---	1.3	<0.50	<0.50	<0.50	<0.50	0.56	<10	<1	<1	<1
GMW-4R	04/19/18	CHHL	100	---	50	---	---	1.1	<0.50	1.2	0.55	<0.50	0.68	<10	<1	<1	<1
GMW-4R	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-4R	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	1.6	0.56	<0.50	<0.50	<10	<1	<1	<1
GMW-4R	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-4R	05/08/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-5	11/27/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1	---	---	---	---	---	---
GMW-5	07/11/97	GTI	<50	---	<50	<50	---	<0.50	<1	<1	<2	---	---	---	---	---	---
GMW-5	01/06/98	GTI	<500	---	<100	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	05/18/98	BBC	---	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	11/04/98	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	05/27/99	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	11/18/99	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	05/16/00	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	11/29/00	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-5	05/09/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-5	11/07/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-5	04/10/02	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-5	10/08/13	Parsons	<100	---	120 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-5	04/15/14	Parsons	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-5	10/27/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-5	04/21/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-5	11/27/96	GSI	5300	---	<500	<500	---	330	<12	320	300	---	---	---	---	---	---
GMW-6	07/09/97	GTI	<50	---	<50	<50	---	2.7	<1	1.4	<2	<5	---	---	---	---	---
GMW-6	01/07/98	GTI	<500	---	<100	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-6	05/21/98	BBC	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-6	11/05/98	GTI	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-6	05/27/99	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-6	11/18/99	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-6	05/16/00	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-6	11/29/00	IT Corporation	<300	550	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-6	05/09/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-6	11/07/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-6	04/10/02	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-6	10/23/02	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-6	04/10/03	GTI	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-6	10/08/03	Blaine Tech for Parsons	---	130	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-6	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	0.41	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-6	11/06/04	Blaine Tech for Parsons	---	4100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-6	05/06/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	0.46	<0.30	<0.30	---	<5	---	---	---	---
GMW-6	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-6	05/03/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-6	12/08/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	1.3	---	<5	---	---	---	---
GMW-6	05/02/07	Blaine Tech for Parsons	---	<100	---	---	---	0.58	0.54	<0.50	<1	---	<5	---	---	---	---
GMW-6	08/31/07	Blaine Tech for Parsons	3400	1100	---	---	---	400	96	45	188	<0.50	<0.50	<10	<2	<2	<2
GMW-6	11/14/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-6	11/15/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-6	04/16/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-6	10/15/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
GMW-6	04/21/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	43	---	---	---	---
GMW-6	07/21/09	Blaine Tech for AMEC GMX	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-6	10/20/09	Blaine Tech for DESC	---	---	---	---	110	1.5	<0.50	<0.50	<0.50	<0.50	350	<10	<2	<2	0.51 J
GMW-6	04/12/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	7.2	<10	<2	<2	<2
GMW-6	10/05/10	Blaine Tech for Parsons	---	---	---	---	170	0.35 J	---	---	---	<0.50	130	210	---	---	---
GMW-6	02/24/11	Blaine Tech	<50	120	---	---	---	0.53	<0.50	<0.50	<0.50	<0.50	9.6	120	<1	<1	<1
GMW-6	04/13/11	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-6	10/10/11	Parsons	---	---	---	---	290	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	220	<2	<2	<2
GMW-6	04/19/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.34 J	<10	<2	<2	<2
GMW-6	10/15/12	Parsons	---	---	---	---	<100	<0.50	<0.50	0.17 J	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-6	04/10/13	Parsons	---	---	110 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.44 J	<10	<2	<2	<2
GMW-6	10/08/13	Parsons	<100	---	250 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	57	<2	<2	<2
GMW-6	04/15/14	Parsons	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-6	10/27/14	SGI	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-6	04/28/15	SGI	<100	---	<100	---	---	1.2	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-6	10/22/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-6	04/12/16	SGI	<100	---	<100	---	---	0.89	<0.50	2.3	7.6	<0.50	<1	<10	<2	<2	<2
GMW-6	10/07/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-6	04/18/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-6	10/03/17	TSGS	<100	---	270	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-6	04/17/18	TSGS	<100	---	190	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-6	11/09/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-6	04/16/19	TSGS	<100	---	<100J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-6	10/29/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-6	05/05/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-7	05/21/98	BBC	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-7	12/01/00	IT Corporation	520000	370000	---	---	---	4800	970	620	12000	---	<2500	---	---	---	---
GMW-7	04/30/15	SGI	610	---	28000	---	---	8.1	<0.50	<0.50	<1	<0.50	<2	15	<2	<2	<2
GMW-7	10/11/16	SGI	560	---	2000	---	---	7.5	<0.50	<0.50	<1	<0.50	1.4	47	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	10/10/17	TSGS	240	---	1400	---	---	2.2	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-7	04/20/18	TSGS	150	---	4800 J	---	---	1.6	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-7	11/12/18	TSGS	410	---	5600	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-7	04/22/19	TSGS	150	---	3900	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	31	<2	<2	<2
GMW-7	11/06/19	SGI	230	---	5000	---	---	5.1	<0.50	<0.50	<1.0	<0.50	<1.2	27	<2.0	<2.0	<2.0
GMW-7	05/11/20	SGI	360	---	5100	---	---	9.1	<0.50	0.51	<1.0	<0.50	1.3	<10	<2.0	<2.0	<2.0
GMW-8	11/21/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	12	<5	---	---	---	---
GMW-8	07/11/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	1.7	<5	---	---	---	---
GMW-8	01/02/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	5	<5	---	---	---	---
GMW-8	05/26/98	Terra Services	---	---	---	---	---	<0.30	<0.30	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-8	11/06/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	8.6	<0.90	---	---	---	---
GMW-8	05/05/99	Alton Geoscience	<500	---	<500	---	---	2	7.2	0.57	3	<1	<0.50	---	---	---	---
GMW-8	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	1.7	<0.50	0.51	4.4	<0.50	---	---	---	---
GMW-8	11/16/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.6	<0.50	---	---	---	---
GMW-8	05/19/00	Secor	<300	380	---	---	---	<0.50	<0.50	<0.50	<0.50	15	<0.50	---	---	---	---
GMW-8	11/29/00	Secor	<300	780	---	---	---	1	0.9	<0.50	1.5	10	2.9	---	---	---	---
GMW-8	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	2.4	---	---	---	---
GMW-8	10/24/02	Secor	<300	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	04/10/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	---	---	---	---
GMW-8	10/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.52	<0.50	---	---	---	---
GMW-8	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	11/05/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	11/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	05/03/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.78	---	---	---	---
GMW-8	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.6	---	---	---	---
GMW-8	05/05/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.5	---	---	---	---
GMW-8	11/14/07	Secor	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	04/17/08	Secor	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	10/21/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	10/19/09	Blaine Tech for Parsons	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1	<1	<1
GMW-8	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	06/14/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	0.59	<10	<1	<1	<1
GMW-8	04/15/14	CH2M Hill	<100	---	93	---	---	<0.50	<0.50	<0.50	<0.50	3.5	0.8	<10	<1	<1	<1
GMW-8	10/29/14	CH2M Hill	<100	---	65	---	---	<0.50	<0.50	<0.50	<0.50	3.3	1.1	<10	<1	<1	<1
GMW-8	04/22/15	CH2M Hill	<50	---	60	---	---	<0.50	<0.50	<0.50	<0.50	3.3	1.7	<10	<1	<1	<1
GMW-8	10/22/15	CH2M	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	4.6	1.5	<10	<1	<1	<1
GMW-8	04/15/16	CH2M	<50	---	230	---	---	<0.50	<0.50	<0.50	<0.50	4.3	1.4	<10	<1	<1	<1
GMW-8	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.9	0.55	<10	<1	<1	<1
GMW-8	04/18/17	CH2M	<50	---	170	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	10/05/17	CHHL	<50	---	270 L	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	04/19/18	CHHL	<50	---	180	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	11/08/18	CHHL	<50	---	160	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	04/19/19	CHHL	<50	---	140	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	10/29/19	Jacobs	<50	---	120	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	05/12/20	Jacobs	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	06/10/20	Jacobs	<50	---	160	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-9	10/07/10	Blaine Tech	6800	7200	---	---	---	890	62	120	650	<10	56	1600	44	<10	<10
GMW-9	04/13/11	Blaine Tech	54000	21000	---	---	---	20000	290	970	3800	<200	3600	<2000	<200	<200	<200
GMW-9	10/13/11	CH2M Hill	61000	7600	---	---	---	18000	6500	760	3400	<200	2100	<2000	<200	<200	<200
GMW-9	08/23/16	CH2M	94	---	1700	---	---	0.71	<0.50	<0.50	3.4	<0.50	2.3	80	4.7	<1	<1
GMW-9	10/06/16	CH2M	67	---	140	---	---	4.6	<0.50	<0.50	<0.50	0.64	0.84	110	13	<1	<1
GMW-9	04/21/17	CH2M	750	---	760	---	---	9.2	0.98	0.71	20	<1	1.9	18	5.5	<1	<1
GMW-9	10/05/17	CHHL	<50	---	100	---	---	<0.50	<0.50	<0.50	<0.50	0.56	0.62	83	4.7	<1	<1
GMW-9	05/15/18	CHHL	<50	---	290	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	34	4.4	<1	<1
GMW-9	11/08/18	CHHL	<50	---	53	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.52	40	3.1	<1	<1
GMW-9	04/23/19	CHHL	290	---	59	---	---	<0.50	<0.50	<0.50	2.1	<0.50	0.72	4900	<1	<1	<1
GMW-9	11/01/19	Jacobs	<50	---	340	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<10	<1.0	<1.0	<1.0
GMW-9	05/11/20	Jacobs	<50	---	160	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.55	<10	<1.0	<1.0	<1.0
GMW-10	10/08/10	Blaine Tech	4800	36000	---	---	---	360	<2.5	87	14	<5	<2.5	120	<5	<5	<5
GMW-10	04/14/11	Blaine Tech	5700	31000	---	---	---	370	2	93	7.9	<3	<1.5	100	<3	<3	<3
GMW-10	10/14/11	CH2M Hill	3700	11000	---	---	---	580	3.3	75	7.8	<5	<2.5	590	<5	<5	<5
GMW-10	04/27/12	CH2M Hill	3000	---	3100	---	---	360	<2	15	3.2	<4	<2	79	<4	<4	<4
GMW-10	10/19/12	CH2M Hill	10000	---	7500	---	---	1300	380	270	1400	<10	<5	<100	<10	<10	<10
GMW-10	04/12/13	CH2M Hill	14000	---	100000	---	---	210	65	48	310	<20	<10	<200	<20	<20	<20
GMW-10	10/11/13	CH2M Hill	13000	---	9500	---	---	1100	800	350	1900	<20	<10	<200	<20	<20	<20
GMW-10	10/28/15	CH2M	27000	---	41000	---	---	1100	2400	730	3800	<20	<10	<200	<20	<20	<20
GMW-11	11/21/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-11	07/10/97	Terra Services	220	---	2500	---	---	<0.50	4	0.9	<0.50	<0.50	<5	---	---	---	---
GMW-11	01/07/98	Terra Services	4000	---	220000	---	---	<0.50	<0.50	<0.50	1.6	<0.50	<5	---	---	---	---
GMW-11	05/20/98	Terra Services	42400	---	---	---	---	<0.30	<0.30	<25	<50	<2.5	<0.50	---	---	---	---
GMW-11	11/17/98	Alton Geoscience	6230	146000	---	---	---	<5	6	<5	11	<5	24	---	---	---	---
GMW-11	05/07/99	Alton Geoscience	1900	---	1900	---	---	0.61	2.1	<0.50	0.62	<1	<0.50	---	---	---	---
GMW-11	11/16/99	Secor	1200	25000	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	05/19/00	Secor	790	1900	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	11/30/00	Secor	1600	4100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	05/10/01	Secor	<300	670	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	11/07/01	IT Corporation	<300	560	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	04/15/16	SGI	<100	---	440	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	11/27/96	GSI	99	---	<500	<500	---	<0.50	<0.50	<0.50	<1	<0.50	<1	---	---	---	---
GMW-12	07/10/97	GTI	110	---	8600	<7500	---	<5	<5	<5	<5	<5	<5	---	---	---	---
GMW-12	01/06/98	GTI	<500	---	1000	<100	---	<0.50	1.6	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-12	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.30	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-12	11/05/98	GTI	<300	433	---	---	---	4.5	<0.50	3	1.7	<0.50	<0.50	---	---	---	---
GMW-12	05/27/99	GTI	<300	937	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	11/18/99	IT Corporation	<300	4900	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	05/17/00	IT Corporation	<300	2200	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	11/30/00	IT Corporation	<300	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	05/09/01	IT Corporation	<300	2100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	11/07/01	IT Corporation	<300	2700	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	04/11/02	IT Corporation	<300	1900	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	10/23/02	GTI	<300	1700	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
GMW-12	04/10/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	04/14/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	10/10/03	Blaine Tech for Parsons	<100	2900	---	---	---	<0.50	<0.50	0.56	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	04/21/04	Blaine Tech for Parsons	<100	2000	---	---	---	<0.50	<0.50	<0.50	0.62	<0.50	<0.50	<10	<2	<2	<2
GMW-12	11/04/04	Blaine Tech for Parsons	<100	2600	---	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	05/06/05	Blaine Tech for Parsons	<100	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	11/08/05	Blaine Tech for Parsons	<100	270	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	05/04/06	Blaine Tech for Parsons	<100	450	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	12/08/06	Blaine Tech for Parsons	<100	150	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	05/04/07	Blaine Tech for Parsons	<100	440	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	11/16/07	Blaine Tech for Parsons	---	150	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/18/08	Blaine Tech for Parsons	<100	480	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/16/08	Blaine Tech for Parsons	<100	---	---	---	310	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/23/09	Blaine Tech for Parsons	<100	---	---	---	630	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/20/09	Blaine Tech for DESC	<100	---	---	---	480	<0.50	<0.50	<0.50	<0.50	<0.50	0.49 J	<10	<2	<2	<2
GMW-12	04/15/10	Blaine Tech for DESC	---	---	---	---	400	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<2	<2	<2
GMW-12	10/08/10	Blaine Tech for Parsons	<---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	3.6 J	---	---	---
GMW-12	04/11/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/10/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/15/12	Parsons	---	---	---	---	280 b	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/09/13	Parsons	---	---	650 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/08/13	Parsons	<100	---	700 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/16/14	Parsons	<100	---	1200 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/29/14	SGL	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-12	04/28/15	SGL	<100	---	960	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-12	10/10/16	SGL	<100	---	1400	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	04/21/17	SGL	<100	---	150	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	10/04/17	TSGS	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	04/23/18	TSGS	<100	---	1000	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	11/12/18	TSGS	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	04/19/19	TSGS	<100	---	780	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	10/30/19	SGL	<100	---	600	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-12	05/08/20	SGL	<100	---	190	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-13	11/21/96	Terra Services	---	---	---	---	---	3.2	<0.50	0.73	1.2	<0.50	<5	---	---	---	---
GMW-13	07/10/97	Terra Services	1300	---	5600	---	---	1.6	3.5	0.93	2.35	<0.50	<5	---	---	---	---
GMW-13	01/08/98	Terra Services	<100	---	<500	---	---	1.9	1.6	<0.50	<1.5	<0.50	<5	---	---	<1.5	---
GMW-13	05/20/98	Terra Services	<300	---	---	---	---	<0.30	<0.30	<25	0.8	<2.5	<0.50	---	---	---	---
GMW-13	11/12/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-13	11/17/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	11/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	---	---	---	---
GMW-13	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	02/01/02	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	10/22/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<1	---	---	---	---
GMW-13	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.1	---	---	---	---
GMW-13	10/06/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	11/02/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/02/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	12/05/06	Secor	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-13	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	04/16/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	10/17/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	04/23/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/19/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/23/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	23	9.5	<10	3.8	<2	<2
GMW-13	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/13/11	Blaine Tech for Parsons	---	---	---	---	130	---	---	---	---	---	---	---	---	---	---
GMW-13	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/21/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/18/18	CHHL	<50	---	88	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	05/08/20	Jacobs	<50	---	74	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-14	11/17/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	05/16/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	11/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	10/07/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	04/22/04	Secor	59	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	11/02/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	05/06/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	03/08/06	Blaine Tech for Parsons	520	2000	---	---	---	2.6	<0.50	<0.50	<0.50	0.64	4	21	<2	<2	<2
GMW-14	05/02/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	11/14/07	Secor	1500	2100	---	---	---	<2.5	<2.5	34	3	<5	<2.5	---	---	---	---
GMW-14	04/16/08	Secor	440	850	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-14	07/29/08	Blaine Tech for Parsons	210	810	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	18	<2	<2	<2
GMW-14	10/17/08	Stantec	210	420	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-14	04/23/09	Blaine Tech for AMEC GMX	120	580	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	10/22/09	Blaine Tech for Parsons	130	740	---	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	04/16/10	Blaine Tech for DESC	---	---	---	---	1500	160	<0.50	2.6	2.95	<0.50	13	15	<2	<2	0.79 J
GMW-14	10/07/10	Blaine Tech	160	<620	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
GMW-14	04/13/11	Blaine Tech	<100	310	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
GMW-14	10/12/11	CH2M Hill	58	600	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	04/19/12	CH2M Hill	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	10/17/12	CH2M Hill	<50	---	150	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	04/11/13	CH2M Hill	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	10/10/13	CH2M Hill	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.64	16	<1	<1	<1
GMW-14	10/30/14	CH2M Hill	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.83	17	<1	<1	<1
GMW-14R	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	<10	<1	<1	<1
GMW-14R	10/05/17	CHHL	<50	---	71	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14R	04/19/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<1	<1	<1
GMW-14R	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14R	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14R	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	05/11/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-15	05/20/98	BBC	1300	---	---	---	---	3.9	<0.30	7.4	6.4	---	---	---	---	---	---
GMW-15	11/05/98	GTI	512	1170	---	---	---	1.8	<0.30	3.7	1	---	---	---	---	---	---
GMW-15	05/27/99	GTI	634	18600	---	---	---	2.5	<0.30	5.3	2	---	---	---	---	---	---
GMW-15	11/18/99	IT Corporation	<300	3400	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-15	05/16/00	IT Corporation	610	11000	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-15	12/01/00	IT Corporation	450	4000	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-15	05/10/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-15	11/07/01	IT Corporation	<300	13000	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-15	04/10/02	IT Corporation	1900	18000	---	---	---	1.2	<0.30	1.6	3.8	---	<5	---	---	---	---
GMW-15	10/23/02	GTI	840	16000	---	---	---	0.58	<0.30	0.72	1.5	---	<5	---	---	---	---
GMW-15	04/10/03	GTI	---	5060	---	---	---	<1	<1	<1	<2	---	<3	---	<1	---	---
GMW-15	10/08/03	Blaine Tech for Parsons	---	11000	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-15	04/22/04	Blaine Tech for Parsons	---	4200	---	---	---	0.7	<0.30	<0.30	0.47	---	<5	---	---	---	---
GMW-15	11/06/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-15	05/06/05	Blaine Tech for Parsons	---	670	---	---	---	<0.30	0.47	<0.30	<0.30	---	<5	---	---	---	---
GMW-15	11/08/05	Blaine Tech for Parsons	---	200	---	---	---	<0.30	0.31	<0.30	<0.30	---	<5	---	---	---	---
GMW-15	05/03/06	Blaine Tech for Parsons	---	330	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-15	12/08/06	Blaine Tech for Parsons	---	160	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-15	05/02/07	Blaine Tech for Parsons	---	710	---	---	---	<0.50	<0.50	<0.50	1.2	---	<5	---	---	---	---
GMW-15	05/02/07	Blaine Tech for Parsons	---	740	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-15	11/14/07	Blaine Tech for Parsons	---	890	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-15	04/16/08	Blaine Tech for Parsons	---	1400	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-15	10/15/08	Blaine Tech for Parsons	---	---	---	---	1400	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	04/21/09	Blaine Tech for Parsons	180	---	---	---	3600	<0.50	<0.50	<0.50	<0.50	---	5.4	---	---	---	---
GMW-15	10/20/09	Blaine Tech for DESC	---	---	---	---	4900	<0.50	<0.50	<0.50	<0.50	<0.50	3.1	4.5 J	<2	<2	<2
GMW-15	04/15/10	Blaine Tech for DESC	---	---	---	---	760	<0.50	<0.50	<0.50	<0.50	---	5.7	<10	<2	<2	<2
GMW-15	10/05/10	Blaine Tech for Parsons	---	---	---	---	230	<0.50	---	---	---	<0.50	<0.50	<10	<2	<2	---
GMW-15	04/14/11	Blaine Tech for Parsons	---	---	---	---	210	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	10/10/11	Parsons	---	---	---	---	170	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	04/19/12	Parsons	---	---	---	---	1600	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	10/15/12	Parsons	---	---	---	---	460 b	<0.50	<0.50	<0.50	<0.50	<0.50	12	<10	<2	<2	<2
GMW-15	04/10/13	Parsons	---	---	6200 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
GMW-15	10/08/13	Parsons	350 HD	---	4600 HD	---	---	<0.50	<0.50	0.19 J	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	04/16/14	Parsons	250 HD	---	2700 HD	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	10/30/14	SGI	<100	---	1900	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-15	04/28/15	SGI	<100	---	1500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-15	10/23/15	SGI	<100	---	1300	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-15	04/14/16	SGI	<100	---	3700	---	---	0.56	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	10/10/16	SGI	<100	---	2400	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	04/21/17	SGI	<100	---	1600	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	10/05/17	TSGS	<100	---	2000	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	04/20/18	TSGS	<100	---	3400 J	---	---	0.97	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	11/12/18	TSGS	<100	---	4200	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	04/19/19	TSGS	<100	---	2200	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	11/06/19	SGI	<100	---	1800	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-15	05/11/20	SGI	<100	---	220	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	11/21/96	GSI	<38	---	<500	<500	---	<0.50	<0.50	0.8	<1.5	<0.50	---	---	---	---	---
GMW-16	07/09/97	GTI	<50	---	110	<50	---	5.7	<5	9.2	7.5	<5	<5	---	---	---	---
GMW-16	01/06/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-16	05/20/98	BBC	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-16	11/04/98	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-16	05/27/99	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-16	11/18/99	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-16	05/16/00	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-16	11/29/00	IT Corporation	<300	140	---	---	---	0.64	1.2	0.85	3.2	---	<5	---	---	---	---
GMW-16	05/10/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-16	11/07/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	9.1	---	---	---	---
GMW-16	04/10/02	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-16	10/23/02	GTI	<300	110	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	04/11/03	GTI	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-16	10/08/03	Blaine Tech for Parsons	---	310	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	11/06/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	0.59	---	<5	---	---	---	---
GMW-16	05/06/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	0.58	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	0.48	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	05/03/06	Blaine Tech for Parsons	---	100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	12/06/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-16	05/02/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-16	11/14/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-16	04/16/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-16	10/15/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/21/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
GMW-16	10/20/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/12/10	Blaine Tech for DESC	---	---	---	---	110	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<2	<2	<2
GMW-16	10/05/10	Blaine Tech for Parsons	---	---	---	---	100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-16	10/10/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/18/12	Parsons	---	---	---	---	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	10/15/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/10/13	Parsons	---	---	190 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	10/08/13	Parsons	<100	---	250 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/14/14	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	10/27/14	SGI	<100	---	190	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-16	04/24/15	SGI	<100	---	180	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-16	04/19/17	SGI	<100	---	660	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-16	10/05/17	TSGS	<100	---	370	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	04/18/18	TSGS	<100	---	290	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-16	11/09/18	TSGS	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-16	04/18/19	TSGS	<100	---	360	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-16	11/05/19	SGI	<100	---	210	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	05/07/20	SGI	<100	---	110	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17	05/10/01	IT Corporation	6800	1500000	---	---	---	52	25	<15	330	---	<250	---	---	---	---
GMW-17	10/24/02	GTI	49000	170000	---	---	---	91	<30	<30	160	---	<500	---	---	---	---
GMW-17	04/14/03	GTI	---	10100	---	---	---	572	5.55	75.1	367	---	<15	---	---	---	---
GMW-17	10/10/03	Blaine Tech for Parsons	---	8700	---	---	---	240	1.5	9.5	41	---	<10	---	---	---	---
GMW-17	04/22/04	Blaine Tech for Parsons	---	2400	---	---	---	540	4.6	24	190	---	63	---	---	---	---
GMW-17	11/06/04	Blaine Tech for Parsons	---	3000	---	---	---	110	<0.30	2.1	6.1	---	19	---	---	---	---
GMW-17	05/10/05	Blaine Tech for Parsons	---	760	---	---	---	7.9	3.6	<1.5	2.6	---	<25	---	---	---	---
GMW-17	11/08/05	Blaine Tech for Parsons	---	290	---	---	---	3.7	<0.30	0.37	1.9	---	7	---	---	---	---
GMW-17	05/05/06	Blaine Tech for Parsons	---	1200	---	---	---	3.7	2.2	1.6	4.5	---	<5	---	---	---	---
GMW-17	12/08/06	Blaine Tech for Parsons	---	1400	---	---	---	34	<0.50	1.9	30	---	<5	---	---	---	---
GMW-17	05/03/07	Blaine Tech for Parsons	---	12000	---	---	---	9.1	<0.50	0.92	9	---	7.7	---	---	---	---
GMW-17	11/14/07	Blaine Tech for Parsons	---	1200	---	---	---	4.8	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-17	04/18/08	Blaine Tech for Parsons	---	<100	---	---	---	5.3	<0.50	0.62	1.4	---	<5	---	---	---	---
GMW-17	10/17/08	Blaine Tech for Parsons	---	---	---	---	1600	2.6	<0.50	0.57	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-17	04/22/09	Blaine Tech for Parsons	450	---	---	---	760	27	<0.50	2.4	<0.50	---	<0.50	---	<0.50	<0.50	<0.50
GMW-17	10/20/09	Blaine Tech for DESC	---	---	---	---	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	Blaine Tech for DESC	1200	---	---	---	1900	59	0.34 J	5.5	2	---	<0.50	<10	<2	<2	<2
GMW-17	10/05/10	Blaine Tech for Parsons	1200	---	---	---	2000	79	---	---	---	<0.50	<0.50	5.2 J	---	---	---
GMW-17	04/15/11	Blaine Tech for Parsons	750	---	---	---	1200	13	0.55	4.6	0.82	<0.50	<0.50	<10	<2	<2	<2
GMW-17	10/10/11	Parsons	<1100	---	---	---	1100	50	<0.77	28	6.47	<0.50	<0.50	<10	<2	<2	<2
GMW-17	04/20/12	Parsons	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	Parsons	1000 b	---	6700	---	---	55	1.1	1.2	13.7	<0.50	<0.50	31	<2	<2	<2
GMW-17	10/09/13	Parsons	680 HD	---	4200 HD	---	---	16	1.2	1.7	11.6	<0.50	0.48 J	30	<2	<2	<2
GMW-17	04/18/14	Parsons	1400 HD	---	5700 HD	---	---	38	1.9	2.3	21.1	<0.50	0.42 J	48	<2	<2	<2
GMW-17	10/31/14	SGI	510	---	2300	---	---	10	1.5	<0.50	2.7	<0.50	<2	30	<2	<2	<2
GMW-17R	10/09/17	TSGS	640	---	1200	---	---	64	<0.50	5	2.9	<0.50	2.5	19	<2	<2	<2
GMW-17R	04/20/18	TSGS	550	---	1600 J	---	---	63	0.69	0.78	19	<0.50	3.7	<10	<2	<2	<2
GMW-17R	11/12/18	TSGS	1300	---	1600	---	---	46	<0.50	1.4	41	<0.50	2.6	<10	<2	<2	<2
GMW-17R	04/19/19	TSGS	<100	---	220	---	---	<0.50	<0.50	2.7	15	<0.50	<1	<10	<2	<2	<2
GMW-17R	10/31/19	SGI	<100	---	<100	---	---	1.3	<0.50	4.7	18.2	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17R	05/07/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-18	04/14/03	GTI	---	16500000	---	---	---	3410	3510	3070	17800	---	<150	---	---	---	---
GMW-18	10/08/03	Blaine Tech for Parsons	---	170000	---	---	---	2600	120	360	3100	---	<1000	---	---	---	---
GMW-18	04/21/04	Blaine Tech for Parsons	---	45000	---	---	---	2700	<50	380	4288	---	<50	---	---	---	---
GMW-18	11/04/04	Blaine Tech for Parsons	---	51000	---	---	---	1300	<3	220	2400	---	<50	---	---	---	---
GMW-18	05/06/05	Blaine Tech for Parsons	---	5900	---	---	---	1100	22	140	1200	---	<50	---	---	---	---
GMW-18	11/08/05	Blaine Tech for Parsons	---	17000	---	---	---	650	11	17	470	---	<100	---	---	---	---
GMW-18	05/04/06	Blaine Tech for Parsons	---	19000	---	---	---	200	1.9	15	100	---	6.9	---	---	---	---
GMW-18	12/08/06	Blaine Tech for Parsons	---	6800	---	---	---	320	<0.50	25	190	---	11	---	---	---	---
GMW-18	05/03/07	Blaine Tech for Parsons	---	10000	---	---	---	200	<2.5	13	56	---	<25	---	---	---	---
GMW-18	11/15/07	Blaine Tech for Parsons	---	1900	---	---	---	160	<0.50	4.1	26	---	5.5	---	---	---	---
GMW-18	04/17/08	Blaine Tech for Parsons	---	3400	---	---	---	180	0.87	13	100	---	6.7	---	---	---	---
GMW-18	10/16/08	Blaine Tech for Parsons	---	---	---	---	2800	33	<0.50	2.2	10.64	<0.50	4.7	12	<2	<2	<2
GMW-18	04/23/09	Blaine Tech for Parsons	880	---	---	---	1100	60	<0.50	1.4	5	<0.50	3	13	<2	<2	<2
GMW-18	10/20/09	Blaine Tech for DESC	---	---	---	---	2700	15	<0.50	0.55	5.55	<0.50	7	13	<2	<2	<2
GMW-18	04/16/10	Blaine Tech for DESC	1500	---	---	---	7200	80	0.84	0.49 J	1.57	---	7.3	43	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-18	04/20/12	Parsons	2100	---	---	---	4700	67	0.4 J	1.1	5.89	1.7	3.5	57	<2	<2	<2
GMW-18	07/10/12	Parsons	---	---	---	---	7800	94	0.42 J	0.94	3.89	<0.50	3.9	27	<2	<2	<2
GMW-18	11/03/14	SGI	15000	---	230000	---	---	110	0.93	120	340	<0.50	4.2	<10	<2	<2	<2
GMW-18	04/21/15	SGI	4300	---	300000	---	---	290	<5	75	270	<5	<20	<100	<20	<20	<20
GMW-18	05/10/19	TSGS	<100	---	1200	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-18	05/11/20	SGI	<100	---	1600	---	---	<0.50	<0.50	0.55	1.9	<0.50	<1.2	11	<2.0	<2.0	<2.0
GMW-19	11/27/96	GSI	3000	---	<500	<500	---	85	<2.5	23	<5	---	---	---	---	---	---
GMW-19	07/10/97	GTI	<50	---	<50	<50	---	2.5	<1	<1	<2	---	---	---	---	---	---
GMW-19	01/07/98	GTI	<500	---	<100	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-19	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-19	11/06/98	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-19	05/27/99	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-19	11/18/99	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-19	05/17/00	IT Corporation	<300	<100	---	---	---	0.47	0.45	<0.30	0.95	---	---	---	---	---	---
GMW-19	12/01/00	IT Corporation	<300	440	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-19	05/09/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-19	11/08/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-19	04/11/02	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-19	10/23/02	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-19	04/14/03	GTI	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-19	10/10/03	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	15	---	---	---	---
GMW-19	04/21/04	Blaine Tech for Parsons	---	260	---	---	---	<0.50	<1	<1	<1	---	28	---	---	---	---
GMW-19	11/04/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-19	05/06/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	0.69	---	<5	---	---	---	---
GMW-19	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	0.52	0.71	0.4	2	---	<5	---	---	---	---
GMW-19	05/04/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-19	12/08/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-19	05/03/07	Blaine Tech for Parsons	---	210	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-19	11/15/07	Blaine Tech for Parsons	---	<100	---	---	---	0.5	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-19	04/17/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-19	10/16/08	Blaine Tech for Parsons	---	---	---	---	140	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-19	04/23/09	Blaine Tech for Parsons	---	---	---	---	<100	0.7	<0.50	<0.50	<0.50	<0.50	0.67	---	<0.50	<0.50	<0.50
GMW-19	10/20/09	Blaine Tech for DESC	---	---	---	---	<100	3.8	<0.50	<0.50	<0.50	<0.50	1.5	<10	<2	<2	<2
GMW-19	04/16/10	Blaine Tech for DESC	---	---	---	---	300	130	<0.50	0.66	<0.50	---	21	12	<2	<2	0.52 J
GMW-19	10/08/10	Blaine Tech for Parsons	---	---	---	---	150	2.4	---	---	---	<0.50	2.7	<10	---	---	---
GMW-19	10/10/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-19	04/18/12	Parsons	---	---	---	---	<100	3.8	<0.50	<0.50	<0.50	<0.50	0.88	<10	<2	<2	<2
GMW-19	10/15/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
GMW-19	04/10/13	Parsons	---	---	1200 b	---	---	35	0.38 J	<0.50	0.35 J	<0.50	58	22	<2	<2	<2
GMW-19	10/07/13	Parsons	<100	---	<100	---	---	0.81	<0.50	<0.50	<0.50	<0.50	2.3	<10	<2	<2	<2
GMW-19	04/14/14	Parsons	<100	---	<100	---	---	2.8	<0.50	<0.50	<0.50	<0.50	0.83	<10	<2	<2	<2
GMW-19	10/28/14	SGI	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-19	04/28/15	SGI	490	---	1000	---	---	90	<0.50	0.5	0.55	<0.50	20	12	<2	<2	<2
GMW-19	10/23/15	SGI	<100	---	390	---	---	9.2	<0.50	<0.50	<1	<0.50	17	<10	<2	<2	<2
GMW-19	04/21/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-19	10/03/17	TSGS	<100	---	210	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.5	<10	<2	<2	<2
GMW-19	04/18/18	TSGS	<100	---	160	---	---	2.2	<0.50	<0.50	<1	<0.50	3.4	<10	<2	<2	<2
GMW-19	11/06/18	TSGS	220	---	180	---	---	58	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-19	04/22/19	TSGS	160	---	200	---	---	95	<0.50	<0.50	<1	<0.50	2.5	<10	<2	<2	<2
GMW-19	11/06/19	SGI	<100	---	<100	---	---	1.5	<1.0	<1.0	<2.0	<1.0	<1.2	<20	<4.0	<4.0	<4.0
GMW-19	05/06/20	SGI	<100	---	170	---	---	17	<0.50	<0.50	<1.0	<0.50	4.8	<10	<2.0	<2.0	<2.0

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-20	11/27/96	GSI	1100	---	<500	<500	---	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---	---
GMW-20	07/10/97	GTI	160	---	1400	<1200	---	<5	<5	<5	<5	<5	<5	---	---	---	---
GMW-20	01/06/98	GTI	<500	---	1100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-20	05/21/98	BBC	400	---	---	---	---	<0.30	<0.50	<0.50	<0.10	<0.50	<0.50	---	---	---	---
GMW-20	11/05/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	05/27/99	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	11/18/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	05/17/00	IT Corporation	<300	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	11/30/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	---	---	---	---
GMW-20	05/09/01	IT Corporation	<300	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	04/11/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	04/24/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-20	10/20/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-20	10/05/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-20	04/18/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-21	11/03/14	SGI	1500	---	2500	---	---	11	1.6	31	170	<0.50	3.8	24	<2	<2	<2
GMW-21	04/29/15	SGI	300	---	2200	---	---	1.1	<0.50	<0.50	<1	<0.50	2.7	24	<2	<2	<2
GMW-21	04/14/16	SGI	170	---	1300	---	---	<0.50	<0.50	<0.50	<1	<0.50	2.8	<10	<2	<2	<2
GMW-21	10/10/16	SGI	130	---	2500	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.5	<10	<2	<2	<2
GMW-21	04/21/17	SGI	180	---	3300	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-21	04/23/18	TSGS	<100	---	3700	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	39	<2	<2	<2
GMW-21	11/12/18	TSGS	<100	---	4200	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	11	<2	<2	<2
GMW-21	04/19/19	TSGS	<100	---	3000	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.5	<10	<2	<2	<2
GMW-21	11/06/19	SGI	<100	---	4600	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	21	<2.0	<2.0	<2.0
GMW-21	05/11/20	SGI	<100	---	470	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-22	10/04/10	Blaine Tech	4100	2200	---	---	---	1900	<10	55	38	<20	47	1300	50	<20	<20
GMW-22	10/14/11	CH2M Hill	28000	9000	---	---	---	13000	<100	470	200	<200	130	<2000	<200	<200	<200
GMW-22	04/20/12	CH2M Hill	46000	---	1300	---	---	20000	<100	650	130	<200	140	<2000	<200	<200	<200
GMW-22	10/18/12	CH2M Hill	32000	---	1300	---	---	16000	120	420	140	<200	180	<2000	<200	<200	<200
GMW-22	11/08/05	Blaine Tech for Parsons	---	1900	---	---	---	<0.30	0.4	<0.30	<0.30	---	<5	---	---	---	---
GMW-23	10/31/14	CH2M Hill	34000	---	53000	---	---	11000	690	260	2100	<100	<50	<1000	<100	<100	<100
GMW-23	04/23/15	CH2M Hill	37000	---	240000	---	---	2100	870	490	5600	<30	<15	360	46	<30	<30
GMW-23	03/15/16	CH2M	540	---	13000	---	---	4.6	<0.50	<0.50	2.4	<1	2.1	42	12	<1	<1
GMW-23	06/30/16	CH2M	120	---	23000	---	---	2.7	<0.50	<0.50	2.1	<0.50	0.52	<10	<1	<1	<1
GMW-23	08/23/16	CH2M	59	---	730	---	---	0.08	0.03	0.09	<0.50	0.18	0.76	42	13	0.2	<1
GMW-23	10/06/16	CH2M	130	---	6100	---	---	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	14	4.8	<1	<1
GMW-23	10/06/17	CHHL	230	---	17000	---	---	<0.50	<0.50	1.3	1.4	<0.50	<0.50	48	9.6	<1	<1
GMW-23	04/18/19	CHHL	3100	---	40000	---	---	<1	<1	9.4	27	<2	<1	770	46	<2	<2
GMW-23	11/01/19	Jacobs	130	---	47000	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.64	320	32	<1.0	<1.0
GMW-24	04/29/11	Blaine Tech	70000	690000	---	---	---	19000	830	1700	4200	<200	530	<2000	<200	<200	<200
GMW-24	10/13/11	CH2M Hill	58000	17000	---	---	---	23000	2400	890	2600	<200	490	<2000	<200	<200	<200
GMW-25	10/08/10	Blaine Tech	15000	<49000	---	---	---	6900	<50	70	<50	<100	92	<1000	<100	<100	<100
GMW-25	04/14/11	Blaine Tech	12000	23000	---	---	---	6800	<25	<25	<25	<50	36	<500	<50	<50	<50
GMW-25	10/13/11	CH2M Hill	<20000	31000	---	---	---	9700	<100	220	<100	<200	<100	<2000	<200	<200	<200
GMW-25	06/30/16	CH2M	90	---	480	---	---	<0.50	<0.50	<0.50	3.2	<0.50	1.7	22	2.3	<1	<1
GMW-25	08/23/16	CH2M	<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	CH2M	70	---	780	---	---	<0.50	<0.50	<0.50	1.1	0.88	0.5	18	1.2	<1	<1
GMW-25	04/20/17	CH2M	<500	---	3700	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-25	10/05/17	CHHL	400	---	11000	---	---	<0.50	<0.50	<0.50	<0.50	1	0.64	23	1.5	<1	<1
GMW-25	04/19/18	CHHL	950	---	14000	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	11	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-25	11/09/18	CHHL	81	---	4300	---	---	<0.50J	<0.50J	<0.50J	<0.50J	<0.50J	<0.50J	<10J	<1J	<1J	<1J
GMW-25	04/19/19	CHHL	170	---	4100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-25	11/01/19	Jacobs	98	---	2600	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-25	05/11/20	Jacobs	56	---	4000	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-26	11/27/96	Terra Services	---	---	---	---	---	46	2.7	18	8.8	110	950	---	---	---	---
GMW-26	07/10/97	Terra Services	430	---	<500	---	---	100	2.1	6.9	5.9	67	760	---	---	---	---
GMW-26	01/08/98	Terra Services	200	---	<500	---	---	23	11	5	<15	64	1200	---	---	---	---
GMW-26	05/22/98	Terra Services	500	---	---	---	---	<0.30	<0.50	<0.50	<0.10	260	460	---	---	---	---
GMW-26	11/17/98	Alton Geoscience	1810	<100	---	---	---	310	<5	8	<5	<5	3460	---	---	---	---
GMW-26	05/07/99	Alton Geoscience	2300	---	<500	---	---	490	26	70	140	<5	6100	---	---	---	---
GMW-26	11/19/99	Secor	6700	5700	---	---	---	3700	160	42	530	<25	8500	---	---	---	---
GMW-26	05/16/00	Secor	2000	490	---	---	---	1.9	<0.50	<0.50	<0.50	0.8	82	---	---	---	---
GMW-26	11/30/00	Secor	780	180	---	---	---	<0.50	<0.50	<0.50	<0.50	3.1	17	---	---	---	---
GMW-26	05/08/01	Secor	300	120	---	---	---	<0.50	<0.50	<0.50	<0.50	13	390	---	---	---	---
GMW-26	11/06/01	Secor	<300	<100	---	---	---	0.7	<0.50	<0.50	<0.50	75	130	---	---	---	---
GMW-26	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	57	130	---	---	---	---
GMW-26	07/07/03	Geomatrix	---	---	---	---	---	<0.50	<1	<1	<1	1.2	61	---	---	---	---
GMW-26	04/27/04	Geomatrix	63	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	59	---	---	---	---
GMW-26	07/08/04	Geomatrix	62	290	---	---	---	<0.50	<0.50	<0.50	<0.50	17	27	---	---	---	---
GMW-26	04/23/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	1.3	<1	<1
GMW-26	10/26/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.8	<0.50	<10	<1	<1	<1
GMW-26	03/15/16	CH2M	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	1.5	1.2	<10	2.3	<1	<1
GMW-26	04/14/16	CH2M	<50	---	76	---	---	<0.50	<0.50	<0.50	<0.50	1.1	0.72	<10	1.4	<1	<1
GMW-26	06/29/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	0.59	<10	1.5	<1	<1
GMW-26	08/23/16	CH2M	<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	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.3	0.64	<10	2	<1	<1
GMW-26	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.66	<0.50	<10	<1	<1	<1
GMW-26	10/05/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	12	2.6	<1	<1
GMW-26	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	2.2	<1	<1
GMW-26	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-26	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	28	7.4	<1	<1
GMW-26	11/01/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-26	05/11/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-27	05/27/98	Terra Services	2800	---	---	---	---	940	6	4	11	76	1570	---	---	---	---
GMW-27	11/17/98	Alton Geoscience	4220	4940	---	---	---	3200	<50	<50	<50	<50	530	---	---	---	---
GMW-27	05/07/99	Alton Geoscience	6300	---	<500	---	---	3600	16	11	<10	<25	720	---	---	---	---
GMW-27	11/18/99	Secor	3300	1500	---	---	---	1100	<25	<25	<25	<25	1000	---	---	---	---
GMW-27	05/16/00	Secor	5500	3600	---	---	---	2600	<25	25	34	<25	1800	---	---	---	---
GMW-27	11/30/00	Secor	4900	4100	---	---	---	2100	<25	<25	<25	<25	1600	---	---	---	---
GMW-27	05/08/01	Secor	5300	4000	---	---	---	2600	<25	<25	<25	<25	2200	---	---	---	---
GMW-27	11/06/01	Secor	4100	1500	---	---	---	1600	6.4	6.7	27.6	<0.50	1900	---	---	---	---
GMW-27	04/09/02	Secor	4900	590	---	---	---	2300	<10	15	<10	<10	1800	---	---	---	---
GMW-27	10/23/02	Secor	590	680	---	---	---	1800	13	<10	13	<10	1400	---	---	---	---
GMW-27	04/08/03	Secor	4600	640	---	---	---	2700	<15	<15	17	<30	2000	---	---	---	---
GMW-27	10/07/03	Secor	10000	890	---	---	---	4400	<20	47	120	<40	1800	---	---	---	---
GMW-27	01/27/04	Secor	8100	480	---	---	---	3600	19	29	115	<30	1500	---	---	---	---
GMW-27	04/21/04	Secor	13000	1900	---	---	---	6200	<25	51	<25	<50	2500	---	---	---	---
GMW-27	07/08/04	Geomatrix	1900	540	---	---	---	260	<2.5	<2.5	<2.5	<5	790	---	---	---	---
GMW-27	11/03/04	Secor	21000	1500	---	---	---	8800	<50	53	170	<100	700	---	---	---	---
GMW-27	05/06/05	Secor	1100	<100	---	---	---	440	<2.5	<2.5	4.3	<5	42	---	---	---	---
GMW-27	11/03/05	Secor	4100	330	---	---	---	2000	<10	<10	17	<20	250	---	---	---	---

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 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	05/09/06	Secor	5500	400	---	---	---	2800	<15	22	<15	<30	180	---	---	---	---
GMW-27	12/06/06	Secor	12000	740	---	---	---	6400	<50	120	<50	<100	210	---	---	---	---
GMW-27	05/02/07	Secor	13000	860	---	---	---	7400	<50	<50	<50	<100	230	---	---	---	---
GMW-27	11/13/07	Secor	11000	550	---	---	---	6000	<25	<25	<25	<50	57	---	---	---	---
GMW-27	04/18/08	Secor	380	270	---	---	---	130	<1.5	<1.5	<1.5	<3	21	---	---	---	---
GMW-27	08/14/08	Secor	1000	490	---	---	---	280	<1.5	1.5	1.6	<3	17	---	---	---	---
GMW-27	11/21/08	Stantec	3100	340	---	---	---	1100	<10	<10	<10	<20	26	---	---	---	---
GMW-27	04/20/09	Blaine Tech for AMEC GMX	100	130	---	---	---	1.8	<0.50	<0.50	<0.50	<0.50	4.2	450	10	<1	<1
GMW-27	10/22/09	Blaine Tech for Parsons	130	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	5.7	830	17	<1	<1
GMW-27	05/27/10	Blaine Tech	95	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	<10	10	<1	<1
GMW-27	10/07/10	Blaine Tech	130	<100	---	---	---	1.9	<0.50	<0.50	<0.50	<0.50	6.2	900	17	<1	<1
GMW-27	04/11/11	Blaine Tech	<100	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.91	480	12	<1	<1
GMW-27	10/12/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.99	300	6	<1	<1
GMW-27	04/19/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	380	6.8	<1	<1
GMW-27	10/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	300	5	<1	<1
GMW-27	04/11/13	CH2M Hill	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.57	380	7.8	<1	<1
GMW-27	10/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	570	9.3	<1	<1
GMW-27	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	460	6.9	<1	<1
GMW-27	10/30/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	260	6.7	<1	<1
GMW-28	05/07/99	Alton Geoscience	43000	---	<500	---	---	22000	780	1400	3000	<130	1900	---	---	---	---
GMW-28	05/17/00	Secor	19000	21000	---	---	---	9600	<50	370	160	<50	1300	---	---	---	---
GMW-28	11/28/00	Secor	26000	30000	---	---	---	13000	53	650	1139	<0.50	1600	---	---	---	---
GMW-28	05/08/01	Secor	30000	27000	---	---	---	15000	190	660	310	<5	4000	---	---	---	---
GMW-28	11/06/01	Secor	20000	19000	---	---	---	14000	51	460	241	<0.50	3200	---	---	---	---
GMW-28	04/09/02	Secor	24000	1900	---	---	---	9100	79	320	110	<50	1200	---	---	---	---
GMW-28	07/07/03	Geomatrix	---	---	---	---	---	18000	140	800	450	<50	530	---	---	---	---
GMW-28	04/28/04	Geomatrix	40000	4700	---	---	---	22000	180	1200	570	<200	280	---	---	---	---
GMW-28	07/08/04	Geomatrix	46000	5100	---	---	---	20000	120	1000	560	<200	280	---	---	---	---
GMW-28	10/31/14	CH2M Hill	330	---	170	---	---	23	<0.50	<0.50	<0.50	<1	82	38	26	<1	<1
GMW-28	04/21/15	CH2M Hill	1200	---	120	---	---	670	<5	<5	<5	<10	100	<100	25	<10	<10
GMW-28	10/26/15	CH2M	280	---	360	---	---	3.3	<0.50	<0.50	2.7	<0.50	73	20	18	<1	<1
GMW-28	03/15/16	CH2M	520	---	390	---	---	230	1.9	2.2	6.5	<3	25	<30	11	<3	<3
GMW-28	04/15/16	CH2M	600	---	89	---	---	370	<2	4.5	<2	<4	25	<40	8.6	<4	<4
GMW-28	06/30/16	CH2M	230	---	540	---	---	3.5	<0.50	1.6	7.2	<0.50	16	<10	<1	<1	<1
GMW-28	08/23/16	CH2M	88	---	490	---	---	0.43	0.02	0.2	4.7	0.04	5.1	5.8	3.4	<1	0.21
GMW-28	10/06/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	46	19	<1	<1
GMW-28	04/19/17	CH2M	<50	---	<100	---	---	0.69	<0.50	<0.50	<0.50	<0.50	4.8	32	5.2	<1	<1
GMW-28	10/05/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	110	24	<1	<1
GMW-28	04/19/18	CHHL	60	---	120	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	360	42	<1	<1
GMW-28	11/09/18	CHHL	83	---	<50	---	---	0.72	<0.50	<0.50	<0.50	<0.50	1.1	270	40	<1	2.7
GMW-28	04/18/19	CHHL	58	---	86	---	---	<0.50	<0.50	<0.50	<0.50	0.88	1.5	460	37	<1	<1
GMW-28	11/01/19	Jacobs	87	---	390	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	500	41	<1.0	<1.0
GMW-28	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15	6.0	<1.0	<1.0
GMW-29	11/28/00	Secor	1600	1700	---	---	---	170	97	8	300	<0.50	54	---	---	---	---
GMW-29	05/08/01	Secor	2200	950	---	---	---	1300	59	21	30	<0.50	<0.50	---	---	---	---
GMW-29	04/09/02	Secor	13000	11000	---	---	---	5400	4500	240	1120	<1	34	---	---	---	---
GMW-29	07/08/03	Geomatrix	---	---	---	---	---	4100	670	410	880	<25	<50	---	---	---	---
GMW-29	04/28/04	Geomatrix	40000	6400	---	---	---	8700	6000	910	2800	<200	<100	---	---	---	---
GMW-29	07/08/04	Geomatrix	45000	5300	---	---	---	8900	6500	900	4000	<100	<50	---	---	---	---
GMW-29	03/15/16	CH2M	74000	---	65000	---	---	260	320	540	6000	<40	<20	<400	<40	<40	<40
GMW-30	03/15/16	CH2M	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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	CH2M	14000	---	2400	---	---	3600	16	85	860	<30	<15	<300	<30	<30	<30
GMW-30	06/30/16	CH2M	1600	---	6400	---	---	34	0.88	1.5	6.7	1.4	3.4	33	8.6	<1	<1
GMW-30	08/23/16	CH2M	400	---	1400	---	---	41	0.2	0.22	3.1	0.24	2.1	60	4	0.39	0.39
GMW-30	10/07/16	CH2M	360	---	3600	---	---	24	0.6	2.6	3	1.2	2.3	27	6	<1	<1
GMW-30	10/06/17	CHHL	280	---	3500	---	---	28	<0.50	1.7	4.6	<0.50	1.2	28	4.9	<1	<1
GMW-30	04/20/18	CHHL	230	---	1300	---	---	7	<0.50	<0.50	10	<0.50	1.3	45	8.8	<1	<1
GMW-30	04/19/19	CHHL	99	---	4000	---	---	2.5	<0.50	<0.50	<0.50	<0.50	0.86	31	7.9	<1	<1
GMW-30	11/01/19	Jacobs	<50	---	1300	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	20	6.2	<1.0	<1.0
GMW-30	05/11/20	Jacobs	<100	---	1700	---	---	3.7	<0.50	<0.50	<0.50	<1.0	<0.50	<10	1.3	<1.0	<1.0
GMW-31	11/27/96	GSI	1100	---	<500	<500	---	<2.5	<2.5	<2.5	<5	---	---	---	---	---	---
GMW-31	07/10/97	GTI	55	---	550	<450	---	2	<1	<1	<2	---	---	---	---	---	---
GMW-31	01/07/98	GTI	<500	---	<100	<100	---	1.6	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-31	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-31	11/06/98	GTI	<300	<100	---	---	---	4.8	<0.30	3.5	<0.60	---	---	---	---	---	---
GMW-31	05/27/99	GTI	<300	1020	---	---	---	<0.30	<0.30	0.52	<0.60	---	---	---	---	---	---
GMW-31	11/18/99	IT Corporation	<300	490	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-31	05/17/00	IT Corporation	<300	470	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-31	12/01/00	IT Corporation	530	680	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-31	05/10/01	IT Corporation	<300	120	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-31	11/07/01	IT Corporation	<300	170	---	---	---	0.8	0.49	<0.30	<0.60	---	9.9	---	---	---	---
GMW-31	04/10/02	IT Corporation	<300	120	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-31	10/24/02	GTI	<300	<100	---	---	---	<0.30	0.49	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	04/14/03	GTI	---	647	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-31	10/10/03	Blaine Tech for Parsons	---	200	---	---	---	0.39	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	11/06/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	05/07/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	0.64	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	05/05/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	0.79	0.5	2.4	---	<5	---	---	---	---
GMW-31	12/08/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-31	05/03/07	Blaine Tech for Parsons	---	170	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-31	11/14/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-31	04/18/08	Blaine Tech for Parsons	---	810	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-31	10/17/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	04/22/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	<0.50	<0.50	<0.50
GMW-31	10/20/09	Blaine Tech for DESC	---	---	---	---	140	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	<10	<2	<2	<2
GMW-31	04/14/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	4.6 J	<2	<2	<2
GMW-31	10/08/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	6.5 J	---	---	---
GMW-31	04/11/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	10/10/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	04/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	10/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	04/08/13	Parsons	---	---	120 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<10	<2	<2	<2
GMW-31	10/07/13	Parsons	<100	---	210 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	04/14/14	Parsons	<100	---	170 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	10/29/14	SGI	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-31	04/28/15	SGI	<100	---	340	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-31	04/20/17	SGI	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-31	10/05/17	TSGS	<100	---	270	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-31	04/19/18	TSGS	<100	---	150	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-31	11/08/18	TSGS	<100	---	230	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-31	04/17/19	TSGS	<100	---	<100J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-31	10/29/19	SGI	<100	---	120	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-31	05/06/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-32	11/27/96	GSI	430	---	<500	<500	---	13	<0.50	25	<1	---	---	---	---	---	---
GMW-32	07/10/97	GTI	63	---	1800	<1600	---	1.7	<1	<1	<2	---	---	---	---	---	---
GMW-32	01/06/98	GTI	<500	---	<100	<100	---	0.4	<0.30	0.7	<0.60	---	---	---	---	---	---
GMW-32	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-32	11/05/98	GTI	<300	<100	---	---	---	<0.30	<0.30	0.62	<0.60	---	---	---	---	---	---
GMW-32	11/06/98	GTI	---	158	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-32	05/27/99	GTI	<300	307	---	---	---	3.1	<0.30	5	1.4	---	---	---	---	---	---
GMW-32	11/18/99	IT Corporation	<300	6500	---	---	---	4.3	<0.30	6.9	1.2	---	---	---	---	---	---
GMW-32	05/17/00	IT Corporation	500	8600	---	---	---	8	3.4	16	14	---	---	---	---	---	---
GMW-32	11/30/00	IT Corporation	330	2100	---	---	---	<0.30	<0.30	4.2	<0.60	---	<5	---	---	---	---
GMW-32	05/09/01	IT Corporation	1000	9500	---	---	---	4.7	<0.30	1.2	2.8	---	<5	---	---	---	---
GMW-32	11/07/01	IT Corporation	660	6900	---	---	---	4.2	0.63	5.7	2	---	<5	---	---	---	---
GMW-32	02/01/02	Secor	---	---	---	---	---	0.89	<0.50	0.53	0.69	<0.50	0.77	---	---	---	---
GMW-32	04/11/02	IT Corporation	<300	210	---	---	---	1.5	<0.30	7.2	<0.60	---	<5	---	---	---	---
GMW-32	10/23/02	GTI	<300	1300	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-32	04/09/03	GTI	---	2100	---	---	---	<1	1.18	<1	<2	---	<3	---	---	---	---
GMW-32	10/10/03	Blaine Tech for Parsons	---	530	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-32	04/21/04	Blaine Tech for Parsons	---	1500	---	---	---	0.52	<1	<1	<1	---	<1	---	---	---	---
GMW-32	11/04/04	Blaine Tech for Parsons	---	910	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-32	05/06/05	Blaine Tech for Parsons	---	700	---	---	---	0.31	0.64	<0.30	0.76	---	<5	---	---	---	---
GMW-32	11/08/05	Blaine Tech for Parsons	---	480	---	---	---	<0.30	0.41	<0.30	0.7	---	<5	---	---	---	---
GMW-32	05/04/06	Blaine Tech for Parsons	---	690	---	---	---	0.46	0.39	0.62	1.4	---	<5	---	---	---	---
GMW-32	12/08/06	Blaine Tech for Parsons	---	110	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-32	05/03/07	Blaine Tech for Parsons	---	190	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-32	11/16/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-32	04/17/08	Blaine Tech for Parsons	---	150	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-32	10/16/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	04/24/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	10/20/09	Blaine Tech for DESC	---	---	---	---	250	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	04/16/10	Blaine Tech for DESC	---	---	---	---	230	<0.50	<0.50	0.41 J	<0.50	---	<0.50	<10	<2	<2	<2
GMW-32	10/07/10	Blaine Tech for Parsons	---	---	---	---	180	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-32	04/14/11	Blaine Tech for Parsons	---	---	---	---	160	<0.50	<0.50	0.25 J	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	10/12/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	04/19/12	Parsons	---	---	---	---	210	<0.50	<0.50	<0.50	0.26 J	<0.50	<0.50	<10	<2	<2	<2
GMW-32	10/19/12	Parsons	---	---	---	---	1300	0.2 J	<0.50	0.14 J	0.32	<0.50	<0.50	<10	<2	<2	<2
GMW-32	04/10/13	Parsons	---	---	1300 b	---	---	<0.50	<0.50	<0.50	0.3 J	<0.50	<0.50	<10	<2	<2	<2
GMW-32	10/08/13	Parsons	<100	---	1200 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	7.3 J	<2	<2	<2
GMW-32	04/16/14	Parsons	440 HD	---	1500 HD	---	---	<0.50	<0.50	0.41 J	0.8	<0.50	0.67	17	<2	<2	<2
GMW-32	10/30/14	SGI	290	---	1500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	13	<2	<2	<2
GMW-33	11/21/96	GSI	<38	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	---	---	---	---	---
GMW-33	07/10/97	GTI	<50	---	700	<400	---	<5	<5	<5	<5	<5	<5	---	---	---	---
GMW-33	01/06/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-33	05/20/98	BBC	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-33	11/05/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	05/27/99	GTI	<300	122	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	11/18/99	IT Corporation	<300	120	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	05/17/00	IT Corporation	<300	210	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	11/30/00	IT Corporation	<300	430	---	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-33	05/09/01	IT Corporation	<300	150	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	11/07/01	IT Corporation	<300	200	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	02/01/02	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	04/11/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
GMW-34	11/18/99	IT Corporation	9500	17000	---	---	---	30	3.5	8.3	81	<0.50	24	---	---	---	---
GMW-34	05/17/00	IT Corporation	740	3700	---	---	---	<0.50	<0.50	1.5	11.4	<0.50	30	---	---	---	---
GMW-34	12/01/00	IT Corporation	<300	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	10	---	---	---	---
GMW-34	05/10/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.3	---	---	---	---
GMW-34	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	---	---	---	---
GMW-34	04/12/02	IT Corporation	960	1500	---	---	---	240	1.4	33	81	<0.50	2.5	---	---	---	---
GMW-35	05/09/01	IT Corporation	20000	22000	---	---	---	1300	11	580	4100	<10	<10	---	---	---	---
GMW-35	04/10/03	GTI	---	15600	---	---	---	65.2	30.6	109	159	---	<3	---	---	---	---
GMW-35	10/10/03	Blaine Tech for Parsons	---	16000	---	---	---	100	<15	120	650	---	<250	---	---	---	---
GMW-35	04/21/04	Blaine Tech for Parsons	---	19000	---	---	---	110	<1	45	7.3	---	1.5	---	---	---	---
GMW-35	11/04/04	Blaine Tech for Parsons	---	18000	---	---	---	62	<3	13	28	---	<50	---	---	---	---
GMW-35	05/05/05	Blaine Tech for Parsons	---	4700	---	---	---	10	1.4	33	22	---	<10	---	---	---	---
GMW-35	11/05/05	Blaine Tech for Parsons	---	3100	---	---	---	9.1	2.2	31	17	---	<25	---	---	---	---
GMW-35	05/03/06	Blaine Tech for Parsons	---	17000	---	---	---	7.9	2.9	20	12	---	<5	---	---	---	---
GMW-35	12/08/06	Blaine Tech for Parsons	---	4800	---	---	---	14	<0.50	9	6.9	---	<5	---	---	---	---
GMW-35	05/04/07	Blaine Tech for Parsons	---	4700	---	---	---	21	0.86	1.3	5.3	---	6.1	---	---	---	---
GMW-35	11/15/07	Blaine Tech for Parsons	---	2400	---	---	---	26	<0.50	<0.50	<1	---	7.7	---	---	---	---
GMW-35	04/17/08	Blaine Tech for Parsons	---	1300	---	---	---	18	<0.50	1.8	2.5	---	<5	---	---	---	---
GMW-35	04/24/09	Blaine Tech for Parsons	---	---	---	---	520	63	<5	<5	<5	---	210	---	<5	<5	<5
GMW-35	04/16/10	Blaine Tech for DESC	---	---	---	---	1900	180	0.88 J	1.5	0.7	---	13	2200	<4	<4	<4
GMW-35R	10/09/17	TSGS	160	---	1400	---	---	9.4	<0.50	<0.50	<1	<0.50	5	770	<2	<2	<2
GMW-35R	04/23/18	TSGS	160 J	---	1100	---	---	16	<0.50	<0.50	<1	<0.50	2.9	360	<2	<2	<2
GMW-35R	11/12/18	TSGS	450	---	2100	---	---	48	<0.50	<0.50	0.67	<0.50	2.3	260	<2	<2	<2
GMW-35R	04/22/19	TSGS	190	---	1300	---	---	<2.5	<2.5	<2.5	<5	<2.5	<5	600	<10	<10	<10
GMW-35R	11/06/19	SGI	220	---	1200	---	---	11	<1.0	<1.0	<2.0	<1.0	6.3	720	<4.0	<4.0	<4.0
GMW-35R	05/11/20	SGI	1200	---	2100	---	---	120	<1.0	2.7	<2.0	<1.0	14	760	<4.0	<4.0	<4.0
GMW-36	07/10/97	Terra Services	430	---	<500	---	---	---	---	---	---	---	---	---	---	---	---
GMW-36	01/09/98	Terra Services	4000	---	4300	---	---	22	21	6.1	100	<5	7700	---	---	---	---
GMW-36	05/20/98	Terra Services	1400	---	---	---	---	<0.30	<0.30	<10	<20	<0.50	19600	---	---	---	---
GMW-36	11/17/98	Alton Geoscience	7900	6650	---	---	---	2100	1370	70	650	<50	34800	---	---	---	---
GMW-36	05/07/99	Alton Geoscience	2800	---	<500	---	---	<10	<10	<10	<10	<25	14000	---	---	---	---
GMW-36	11/18/99	Secor	51000	22000	---	---	---	8100	5600	<250	1770	<250	47000	---	---	---	---
GMW-36	05/17/00	Secor	59000	53000	---	---	---	14000	6700	480	4100	<130	45000	---	---	---	---
GMW-36	11/30/00	Secor	110000	66000	---	---	---	20000	19000	1600	8100	<0.50	13000	---	---	---	---
GMW-36	02/06/01	Secor	75000	55000	---	---	---	18000	13000	1400	6100	<50	9100	---	---	---	---
GMW-36	05/10/01	Secor	12000	5100	---	---	---	3700	2500	420	1730	<0.50	1600	---	---	---	---
GMW-36	09/19/01	Secor	21000	37000	---	---	---	5800	3600	580	2080	<13	1000	---	---	---	---
GMW-36	11/06/01	Secor	63000	40000	---	---	---	16000	13000	1600	7700	<25	3200	---	---	---	---
GMW-36	01/30/02	Secor	130000	68000	---	---	---	21000	20000	1700	9000	<125	42000	---	---	---	---
GMW-36	04/10/02	Secor	150000	49000	---	---	---	25000	22000	1800	10000	<50	67000	---	---	---	---
GMW-36	07/30/02	IT Corporation	81000	110000	---	---	---	28000	29000	2200	11800	<50	37000	---	---	---	---
GMW-36	12/06/06	Secor	32000	10000	---	---	---	5300	4300	480	4300	<50	1600	---	---	---	---
GMW-36	03/13/07	Secor	54000	7200	---	---	---	9400	12000	1100	8200	<200	3800	---	---	---	---
GMW-36	05/05/07	Secor	69000	11000	---	---	---	9800	11000	1200	8000	<200	3900	---	---	---	---
GMW-36	08/29/07	Secor	30000	9800	---	---	---	4100	4200	420	4500	120	890	---	---	---	---
GMW-36	02/20/08	Secor	34000	9100	---	---	---	3900	6000	750	4600	<50	43	---	---	---	---
GMW-36	04/16/08	Secor	42000	11000	---	---	---	5200	8300	940	6200	<200	<100	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	10/16/08	Stantec	17000	32000	---	---	---	2100	2000	160	2300	<20	26	---	---	---	---
GMW-36	07/22/09	Blaine Tech	24000	15000	---	---	---	3800	5400	720	3380	<50	28	<500	<50	<50	<50
GMW-36	03/16/10	Blaine Tech for Parsons	8000	22000	---	---	---	830	1100	140	700	<10	16	690	<10	<10	<10
GMW-36	04/16/10	Blaine Tech	4200	25000	---	---	---	850	150	89	200	<5	11	3700	<5	<5	<5
GMW-36	07/13/10	Blaine Tech	500	4500	---	---	---	49	51	4.9	43	<0.50	0.91	340	<1	<1	<1
GMW-36	08/12/10	Blaine Tech	9200	2200	---	---	---	1400	1100	52	980	<10	18	1600	<10	<10	<10
GMW-36	09/20/10	Blaine Tech	3300	5200	---	---	---	130	18	36	120	<1	130	13000	<1	<1	1.6
GMW-36	10/05/10	Blaine Tech	15000	3100	---	---	---	2500	1300	390	1200	<20	30	1300	<20	<20	<20
GMW-36	11/23/10	Blaine Tech	31000	21000	---	---	---	5100	3400	890	2600	<40	51	470	<40	<40	<40
GMW-36	12/22/10	Blaine Tech	63000	73000	---	---	---	6700	9600	1700	5600	<50	28	<500	<50	<50	<50
GMW-36	01/12/11	Blaine Tech	320000	130000	---	---	---	4600	2900	1400	9200	<200	<100	<2000	<200	<200	<200
GMW-36	02/24/11	Blaine Tech	1600	3900	---	---	---	110	77	19	130	<1	2.5	2200	<1	<1	<1
GMW-36	03/23/11	Blaine Tech	3200	2900	---	---	---	360	340	28	240	<3	7.6	2400	<3	<3	<3
GMW-36	04/29/11	Blaine Tech	1500	10000	---	---	---	75	67	6.8	113	<0.50	3.3	1700	<1	<1	<1
GMW-36	05/13/11	Blaine Tech	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	CH2M Hill	7300	3200	---	---	---	560	570	61	990	<10	350	4600	<10	<10	<10
GMW-36	08/19/11	CH2M Hill	13000	6200	---	---	---	570	1100	250	1900	<20	260	9000	<20	<20	<20
GMW-36	09/22/11	CH2M Hill	5200	2200	---	---	---	490	240	52	470	<5	660	7400	<5	<5	17
GMW-36	10/13/11	CH2M Hill	22000	160000	---	---	---	610	490	430	2200	<20	250	3700	<20	<20	43
GMW-36	11/23/11	CH2M Hill	630	34000	---	---	---	17	<2.5	<2.5	14	<5	110	6000	<5	<5	<5
GMW-36	12/21/11	CH2M Hill	700	560	---	---	---	59	55	14	65	<0.50	2.1	340	<1	<1	<1
GMW-36	01/10/12	CH2M Hill	380	290	---	---	---	78	1.6	5.1	13	<0.50	94	4900	<1	<1	1.3
GMW-36	02/23/12	CH2M HILL	45000	14000	---	---	---	5600	8900	1700	6600	<200	<100	<2000	<200	<200	<200
GMW-36	03/28/12	CH2M HILL	220	---	400	---	---	3.5	4.1	1.2	6.3	<0.50	1.5	130	<1	<1	<1
GMW-36	04/27/12	CH2M Hill	1300	---	710	---	---	43	<0.50	2.5	35	<1	64	4200	<1	<1	1.2
GMW-36	05/25/12	CH2M HILL	280	---	440	---	---	<0.50	<0.50	<0.50	1.5	<1	14	6200	<1	<1	<1
GMW-36	06/15/12	CH2M HILL	460	---	380	---	---	17	4.1	5.5	50	<1	12	780	<1	<1	<1
GMW-36	07/11/12	CH2M Hill	5100	---	12000	---	---	<2.5	6.8	39	300	<5	<2.5	140	<5	<5	<5
GMW-36	09/26/12	CH2M Hill	14000	---	6600	---	---	35	11	<2.5	230	<5	17	100	<5	<5	<5
GMW-36	10/18/12	CH2M Hill	8800	---	12000	---	---	350	33	28	490	<5	70	100	<5	<5	<5
GMW-36	11/29/12	CH2M Hill	8400	---	6600	---	---	520	550	66	490	<10	190	<100	<10	<10	<10
GMW-36	04/12/13	CH2M Hill	560000	---	19000	---	---	7400	20000	8900	50000	<400	270	<4000	<400	<400	<400
GMW-36	10/11/13	CH2M Hill	120000	---	130000	---	---	9600	18000	3400	18000	<200	380	<2000	<200	<200	<200
GMW-36	10/28/15	CH2M	19000	---	16000	---	---	2300	82	500	2700	<20	1500	710	<20	<20	<20
GMW-36	04/14/16	CH2M	16000	---	13000	---	---	660	<10	170	1700	<20	540	1400	<20	<20	<20
GMW-36	04/19/17	CH2M	6900	---	4000	---	---	1500	<10	140	<10	<0.50	1900	7800	<20	<20	36
GMW-36	10/05/17	CHHL	630	---	340	---	---	48	1.3	25	14	1.8	27	2500 *	<1	<1	1.8
GMW-36	04/20/18	CHHL	68	---	95	---	---	1.8	<0.50	0.51	4.9	<0.50	<0.50	210	<1	<1	<1
GMW-36	11/08/18	CHHL	160	---	2100	---	---	0.64	<0.50	<0.50	<0.50	<0.50	1.6	3000	<1	<1	<1
GMW-36	04/23/19	CHHL	560	---	18000	---	---	26	<2.5	<2.5	<2.5	<5	9.7	2200	<5	<5	<5
GMW-36	05/08/20	Jacobs	<200	---	1000	---	---	3.8	<1.0	<1.0	<1.0	<2.0	6.3	8,300	<2.0	<2.0	<2.0
GMW-37	11/25/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-37	07/11/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
GMW-37	01/06/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-37	05/26/98	Terra Services	<300	---	---	---	---	<0.30	<0.30	<0.50	0.6	<0.50	<0.50	---	---	---	---
GMW-37	11/11/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	11	---	---	---	---
GMW-37	05/07/99	Alton Geoscience	<500	---	<500	---	---	1.1	4.5	<0.50	1.9	<1	14	---	---	---	---
GMW-37	11/18/99	Secor	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	16	---	---	---	---
GMW-37	05/17/00	Secor	<300	760	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	16	---	---	---	---
GMW-37	11/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	34	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	02/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	54	---	---	---	---
GMW-37	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	11	---	---	---	---
GMW-37	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	49	---	---	---	---
GMW-37	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	---	---	---	---
GMW-37	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.2	---	---	---	---
GMW-37	10/22/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	49	---	---	---	---
GMW-37	01/29/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.75	---	---	---	---
GMW-37	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.86	---	---	---	---
GMW-37	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	10/06/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.3	---	---	---	---
GMW-37	01/27/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	07/19/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	---	---	---	---
GMW-37	11/02/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	02/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	08/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	02/27/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	05/02/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	09/18/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	12/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	04/16/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	10/14/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	04/23/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/19/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/21/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	11/09/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/19/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/29/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-37	05/08/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	11/26/96	Terra Services	---	---	---	---	---	1.8	<0.50	<0.50	<1.5	<0.50	7.7	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	07/10/97	Terra Services	<100	---	<500	---	---	<0.50	2	<0.50	0.83	<0.50	<5	---	---	---	---
GMW-38	01/05/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-38	05/21/98	Terra Services	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	1.2	---	---	---	---
GMW-38	11/12/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	25	---	---	---	---
GMW-38	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	1.5	<0.50	<0.50	<1	7.9	---	---	---	---
GMW-38	11/18/99	Secor	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
GMW-38	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	11/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
GMW-38	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	---	---	---	---
GMW-38	02/01/02	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
GMW-38	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	10/23/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	01/29/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	---	---	---	---
GMW-38	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	10/06/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	01/28/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	---	---	---	---
GMW-38	07/19/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	11/02/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	02/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	---	---	---	---
GMW-38	08/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	02/28/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	---	---	---	---
GMW-38	05/02/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	09/18/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	12/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	03/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	05/05/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	08/30/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	11/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.74	<10	<1	<1	<1
GMW-38	07/21/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.55	27	<1	<1	<1
GMW-38	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	29	<1	<1	<1
GMW-38	03/15/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	07/13/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	<10	<1	<1	<1
GMW-38	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	01/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	07/12/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/12/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	01/10/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	07/10/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	01/15/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/10/13	CH2M Hill	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/21/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/22/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/19/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/29/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	11/21/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-39	07/10/97	Terra Services	<100	---	<500	---	---	<0.50	0.5	<0.50	<1	<0.50	<5	---	---	---	---
GMW-39	01/05/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-39	05/19/98	Terra Services	---	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	0.9	---	---	---	---
GMW-39	11/12/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.2	---	---	---	---
GMW-39	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	2.9	---	---	---	---
GMW-39	11/18/99	Secor	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	12	---	---	---	---
GMW-39	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	9.4	---	---	---	---
GMW-39	11/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	16	---	---	---	---
GMW-39	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-39	11/06/01	Secor	<300	<100	---	---	---	1.2	<0.50	<0.50	<0.50	<0.50	39	---	---	---	---
GMW-39	02/01/02	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	36	---	---	---	---
GMW-39	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	20	---	---	---	---
GMW-39	10/22/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	89	---	---	---	---
GMW-39	01/29/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	32	---	---	---	---
GMW-39	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	23	---	---	---	---
GMW-39	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	---	---	---	---
GMW-39	10/06/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.6	---	---	---	---
GMW-39	01/28/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	---	---	---	---
GMW-39	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.8	---	---	---	---
GMW-39	07/19/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	---	---	---	---
GMW-39	11/03/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	---	---	---	---
GMW-39	02/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
GMW-39	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-39	08/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-39	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-39	02/27/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	---	---	---	---
GMW-39	05/02/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-39	09/19/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	---	---	---	---
GMW-39	12/06/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4	---	---	---	---
GMW-39	03/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.5	---	---	---	---
GMW-39	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	---	---	---	---
GMW-39	08/29/07	Secor	<500	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	3.6	---	---	---	---
GMW-39	11/13/07	Secor	160	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	2.6	---	---	---	---
GMW-39	02/20/08	Secor	110	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	---	---	---	---
GMW-39	04/16/08	Secor	90	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	---	---	---	---
GMW-39	08/14/08	Secor	<100	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.1	---	---	---	---
GMW-39	10/15/08	Stantec	<500	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	5.6	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																		
Well	Date	Sampled By	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	02/24/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3400	---	---	---	
GMW-39	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4000	<1	<1	<1	
GMW-39	07/21/09	Blaine Tech	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	2500	<1	<1	<1	
GMW-39	10/22/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	2200	<1	<1	<1	
GMW-39	03/16/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	130	<1	<1	<1	
GMW-39	05/27/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	07/13/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	230	<1	<1	<1	
GMW-39	10/07/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.75	550	<1	<1	<1
GMW-39	01/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	68	<1	<1	<1	
GMW-39	04/13/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	07/12/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	96	<1	<1	<1	
GMW-39	01/10/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	58	<1	<1	<1	
GMW-39	04/19/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	38	<1	<1	<1	
GMW-39	07/10/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	10/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	47	<1	<1	<1	
GMW-39	01/15/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	54	<1	<1	<1
GMW-39	10/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	420	<1	<1	<1
GMW-39	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	20	<1	<1	<1	
GMW-39	10/30/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	<10	<1	<1	<1
GMW-39	04/23/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.95	<10	<1	<1	<1
GMW-39	10/23/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	04/14/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<10	<1	<1	<1
GMW-39	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10	<1	<1	<1	
GMW-39	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	04/19/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	10/29/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	
GMW-39	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	
GMW-40	11/27/96	Terra Services	400	---	<500	<500	---	0.5	<0.50	5.8	5.9	<0.50	<5	---	---	---	---	
GMW-40	07/10/97	GTI	210	---	2600	<300	---	---	---	---	---	---	---	---	---	---	---	
GMW-40	01/07/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---	
GMW-40	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---	
GMW-40	11/05/98	GTI	<300	<100	---	---	---	<0.50	<0.50	3.8	7.6	<0.50	<0.50	---	---	---	---	
GMW-40	05/26/99	GTI	<300	<100	---	---	---	0.9	<0.50	<0.50	<0.50	<0.50	<0.50	4.4	---	---	---	
GMW-40	11/18/99	IT Corporation	<300	220	---	---	---	2.8	<0.50	0.9	2.8	<0.50	<0.50	9.3	---	---	---	
GMW-40	05/17/00	IT Corporation	<300	430	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	11	---	---	---	
GMW-40	12/01/00	IT Corporation	<300	320	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
GMW-40	05/10/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
GMW-40	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	1.1	3.1	<0.50	<0.50	19	---	---	---	
GMW-40	04/12/02	IT Corporation	<300	<100	---	---	---	1.7	<0.50	0.7	0.9	<0.50	<0.50	17	---	---	---	
GMW-40	04/16/03	GTI	---	<100	---	---	---	5.17	<0.50	2.74	4.65	<0.50	<0.50	54.7	---	---	---	
GMW-40	10/08/03	Blaine Tech for Parsons	---	170	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	52	---	---	---	
GMW-40	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	39	<10	<2	<2	
GMW-40	11/06/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-40	05/07/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	0.7	<0.50	<0.50	0.76	<10	<2	<2	
GMW-40	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<2	<2	
GMW-40	05/05/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.9	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	12/08/06	Blaine Tech for Parsons	---	110	---	---	---	0.87	<0.50	<0.50	13.7	<0.50	15	<10	<2	<2	<2
GMW-40	05/03/07	Blaine Tech for Parsons	---	440	---	---	---	3.7	<0.50	2.2	27	<0.50	46	63	<2	<2	<2
GMW-40	11/16/07	Blaine Tech for Parsons	---	<100	---	---	---	0.61	<0.50	1.9	8.4	<0.50	<0.50	<10	<2	<2	<2
GMW-40	04/18/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	10/17/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<10	<2	<2	<2
GMW-40	04/24/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	10/21/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.4 J	<10	<2	<2	<2
GMW-40	04/14/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<2	<2	<2
GMW-40	10/06/10	Blaine Tech	<50	<100	---	---	---	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-40	10/08/13	Parsons	120 HD	---	460 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	04/14/14	Parsons	<100	---	240 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	10/29/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-40	04/22/15	SGI	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-40	10/05/16	SGI	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-41	11/27/96	GSI	250	---	<500	<500	---	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---	---
GMW-41	07/10/97	GTI	75	---	1200	<1000	---	<5	<5	<5	<5	<5	<5	---	---	---	---
GMW-41	01/07/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-41	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-41	11/05/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	---	---	---	---
GMW-41	05/26/99	GTI	<300	116	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	11/18/99	IT Corporation	<300	390	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	05/17/00	IT Corporation	<300	280	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	11/30/00	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-41	05/10/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	04/12/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
GMW-41	10/24/02	GTI	<300	1000	---	---	---	<0.50	<1	<1	<1	<0.50	1.1	---	---	---	---
GMW-41	04/16/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	10/08/03	Blaine Tech for Parsons	---	350	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.4	---	---	---	---
GMW-41	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	<10	<2	<2	<2
GMW-41	11/06/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	<10	<2	<2	<2
GMW-41	05/07/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	05/05/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	12/08/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	05/03/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<2	<2	<2
GMW-41	11/16/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	04/18/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	10/17/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	04/22/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	10/21/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.43 J	<10	<2	<2	<2
GMW-41	04/14/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	0.33 J	5.7 J	<2	<2	<2
GMW-41	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-41	10/06/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-41	04/11/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	10/11/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	04/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.4 J	<2	<2	<2
GMW-41	10/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	04/09/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	10/07/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5 J	<10	<2	<2	<2
GMW-41	10/28/14	SGI	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-41	04/22/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.2	<10	<2	<2	<2
GMW-41	10/05/16	SGI	<100	---	330	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-41	04/20/17	SGI	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-41	04/20/18	TSGS	<100	---	690 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-41	11/06/18	TSGS	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-41	04/17/19	TSGS	<100	---	140 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-41	10/31/19	SGI	<100	---	140	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-41	05/06/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	11/05/98	GTI	7530	3340	---	---	---	800	<7.5	55	810	---	---	---	---	---	---
GMW-42	05/27/99	GTI	6510	14200	---	---	---	1100	110	60	580	---	---	---	---	---	---
GMW-42	11/18/99	IT Corporation	7900	17000	---	---	---	810	490	180	1200	---	---	---	---	---	---
GMW-42	05/17/00	IT Corporation	3800	20000	---	---	---	9.9	1.2	26	230	---	---	---	---	---	---
GMW-42	12/01/00	IT Corporation	380	2700	---	---	---	1	<0.30	<0.30	<0.60	---	18	---	---	---	---
GMW-42	05/10/01	IT Corporation	490	620	---	---	---	24	40	11	79	---	5.3	---	---	---	---
GMW-42	11/07/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	1.6	---	<5	---	---	---	---
GMW-42	04/10/02	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	7	---	---	---	---
GMW-42	10/09/13	Parsons	<100	---	120 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-42	04/14/14	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-42	10/27/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-42	04/22/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-42	04/17/17	SGI	<100	---	<100	---	---	<0.50	<0.50	1.6	<1	<0.50	<1	<10	<2	<2	<2
GMW-42	10/03/17	TSGS	<100	---	180	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-42	04/20/18	TSGS	<100	---	140 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-42	11/08/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10J	<2	<2	<2
GMW-42	04/17/19	TSGS	<100	---	<100J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-42	10/29/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	05/06/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	11/27/96	GSI	620	---	<500	<500	---	<0.50	<0.50	<0.50	<1	---	---	---	---	---	---
GMW-43	07/10/97	GTI	<50	---	<50	<50	---	<0.50	<1	<1	<2	---	---	---	---	---	---
GMW-43	01/07/98	GTI	<500	---	<100	<100	---	0.3	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-43	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-43	11/05/98	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-43	05/27/99	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-43	11/18/99	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-43	05/17/00	IT Corporation	<300	170	---	---	---	0.92	<0.30	0.45	<0.60	---	---	---	---	---	---
GMW-43	11/30/00	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-43	05/09/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-43	11/07/01	IT Corporation	<300	150	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-43	04/11/02	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-43	10/23/02	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-43	04/14/03	GTI	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-43	10/08/03	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-43	04/21/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<1	<1	<1	---	<1	---	---	---	---
GMW-43	11/06/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-43	05/10/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	0.68	<0.30	<0.30	---	<5	---	---	---	---
GMW-43	11/08/05	Blaine Tech for Parsons	---	200	---	---	---	<0.30	0.47	<0.30	0.31	---	<5	---	---	---	---
GMW-43	05/04/06	Blaine Tech for Parsons	---	180	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-43	12/08/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-43	05/03/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	8	---	---	---	---
GMW-43	11/15/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-43	04/17/08	Blaine Tech for Parsons	---	<100	---	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-43	10/16/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/23/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	<0.50	<0.50	<0.50
GMW-43	10/21/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/15/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<2	<2	<2
GMW-43	10/08/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-43	04/11/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	10/11/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	19	<2	<2	<2
GMW-43	10/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/08/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	10/07/13	Parsons	<100	---	180 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/14/14	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	10/27/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-43	04/22/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-43	04/17/17	SGI	<100	---	550	---	---	<0.50	<0.50	0.98	<1	<0.50	<1	<10	<2	<2	<2
GMW-43	04/18/18	TSGS	<100	---	660	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-43	11/06/18	TSGS	<100	---	240	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-43	04/19/19	TSGS	<100	---	190	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-43	10/31/19	SGI	<100	---	300	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	05/06/20	SGI	<100	---	190	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	11/27/96	GSI	820	---	<500	<500	---	<0.50	<0.50	<0.50	<1	---	---	---	---	---	---
GMW-44	07/10/97	GTI	68	---	1100	<1000	---	<0.50	<1	<1	<2	---	---	---	---	---	---
GMW-44	01/06/98	GTI	<500	---	700	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-44	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-44	11/05/98	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-44	05/27/99	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-44	11/18/99	IT Corporation	<300	310	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-44	05/17/00	IT Corporation	<300	240	---	---	---	<0.30	<0.30	<0.30	1.9	---	---	---	---	---	---
GMW-44	11/30/00	IT Corporation	<300	280	---	---	---	0.98	<0.30	0.95	<0.60	---	<5	---	---	---	---
GMW-44	05/09/01	IT Corporation	<300	190	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-44	11/07/01	IT Corporation	<300	270	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-44	04/11/02	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-44	10/23/02	GTI	<300	120	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-44	04/14/03	GTI	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-44	10/08/03	Blaine Tech for Parsons	---	230	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-44	04/21/04	Blaine Tech for Parsons	---	160	---	---	---	<0.50	<1	<1	<1	---	<1	---	---	---	---
GMW-44	11/04/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-44	05/06/05	Blaine Tech for Parsons	---	120	---	---	---	0.45	0.68	<0.30	<0.30	---	<5	---	---	---	---
GMW-44	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	0.39	---	<5	---	---	---	---
GMW-44	05/04/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-44	12/08/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-44	05/04/07	Blaine Tech for Parsons	---	160	---	---	---	<0.50	<0.50	<0.50	<1	---	8.3	---	---	---	---
GMW-44	11/15/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-44	04/17/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-44	10/16/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/23/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	<0.50	<0.50	<0.50
GMW-44	10/21/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/15/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<2	<2	<2
GMW-44	10/08/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-44	04/11/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	10/11/11	Parsons	---	---	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	04/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10	<2	<2	<2
GMW-44	10/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/08/13	Parsons	---	---	100 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	10/07/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/14/14	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	10/27/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-44	04/22/15	SGI	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-44	10/05/16	SGI	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	04/20/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	10/03/17	TSGS	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	04/18/18	TSGS	160	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	11/06/18	TSGS	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	04/19/19	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	10/29/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	05/06/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-45	11/22/96	GSI	23000	---	<500	<500	---	1100	230	580	2900	<0.50	---	---	---	---	---
GMW-45	07/09/97	GTI	1100	---	2700	<2000	---	330	<5	280	930	---	---	---	---	---	---
GMW-45	01/06/98	GTI	3200	---	3400	4700	---	286	1.3	188	543	---	---	---	---	---	---
GMW-45	05/20/98	BBC	4200	---	---	---	---	270	221	109	569	---	---	---	---	---	---
GMW-45	11/05/98	GTI	1400	<100	---	---	---	81	<0.30	40	75	---	---	---	---	---	---
GMW-45	05/27/99	GTI	3750	3890	---	---	---	420	<0.60	180	390	---	---	---	---	---	---
GMW-45	11/18/99	IT Corporation	3960	3100	---	---	---	380	<3	140	100	---	---	---	---	---	---
GMW-45	05/17/00	IT Corporation	5200	5500	---	---	---	620	8	87	37	---	---	---	---	---	---
GMW-45	11/29/00	IT Corporation	2400	3100	---	---	---	330	1.3	6	4	---	<10	---	---	---	---
GMW-45	05/09/01	IT Corporation	6500	4100	---	---	---	620	74	51	420	---	<50	---	---	---	---
GMW-45	11/07/01	IT Corporation	5700	3000	---	---	---	730	<3	8.5	19	---	<50	---	---	---	---
GMW-45	04/10/02	IT Corporation	9800	6500	---	---	---	900	21	69	240	---	240	---	---	---	---
GMW-45	10/23/02	GTI	3200	1300	---	---	---	770	5.5	120	290	---	<5	---	---	---	---
GMW-45	04/10/03	GTI	---	1570	---	---	---	344	10.8	5.56	10.1	---	<6	---	---	---	---
GMW-45	10/08/03	Blaine Tech for Parsons	---	3400	---	---	---	470	<0.60	6.5	3.7	---	<10	---	---	---	---
GMW-45	04/21/04	Blaine Tech for Parsons	---	1400	---	---	---	140	<1	2.5	<1	---	<1	---	---	---	---
GMW-45	11/04/04	Blaine Tech for Parsons	---	1500	---	---	---	84	<0.30	3	2.9	---	<5	---	---	---	---
GMW-45	05/05/05	Blaine Tech for Parsons	---	6900	---	---	---	670	17	520	720	---	<50	---	---	---	---
GMW-45	11/05/05	Blaine Tech for Parsons	---	2200	---	---	---	340	0.46	130	250	---	10	---	---	---	---
GMW-45	05/03/06	Blaine Tech for Parsons	---	2400	---	---	---	76	4.1	11	16	---	<5	---	---	---	---
GMW-45	12/05/06	Blaine Tech for Parsons	---	1200	---	---	---	67	1.9	3.6	6.4	---	<5	---	---	---	---
GMW-45	05/02/07	Blaine Tech for Parsons	---	1500	---	---	---	37	0.56	2	3	---	11	---	---	---	---
GMW-45	11/14/07	Blaine Tech for Parsons	---	590	---	---	---	42	<0.50	<0.50	<1	---	9.6	---	---	---	---
GMW-45	04/16/08	Blaine Tech for Parsons	---	1500	---	---	---	21	0.52	1.4	2.9	---	<5	---	---	---	---
GMW-45	10/15/08	Blaine Tech for Parsons	---	---	---	---	730	9.7	<0.50	1.9	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-45	04/21/09	Blaine Tech for Parsons	---	---	---	---	1200	11	<2	<2	<2	---	<2	---	---	---	---
GMW-45	10/21/09	Blaine Tech for DESC	---	---	---	---	1600	15	<0.50	2.2	<0.50	<0.50	<0.50	11	<2	<2	<2
GMW-45	04/12/10	Blaine Tech for DESC	---	---	---	---	1700	85	<0.50	2.6	0.28	---	<0.50	11	<2	<2	<2
GMW-45	10/07/10	Blaine Tech for Parsons	---	---	---	---	1400	53	---	---	---	<0.50	<0.50	15	---	---	---
GMW-45	04/14/11	Blaine Tech for Parsons	---	---	---	---	1400	150	<0.50	3.6	0.94	<0.50	<0.50	<10	<2	<2	<2
GMW-45	10/11/11	Parsons	---	---	---	---	1600	43	<0.33	1.8	0.29 J	<0.50	<0.50	41	<2	<2	<2
GMW-45	04/19/12	Parsons	---	---	---	---	1700	28	0.24 J	1.9	0.8 J	<0.50	<0.50	28	<2	<2	<2
GMW-45	10/17/12	Parsons	---	---	---	---	1300	44	<0.50	1.6	<0.50	<0.50	<0.50	20	<2	<2	<2
GMW-45	04/11/13	Parsons	---	---	3400 b	---	---	24	<0.50	1.4	0.59 J	<0.50	<0.50	13	<2	<2	<2
GMW-45	10/30/14	SGI	1500	---	3700	---	---	0.78	<0.50	0.52	<1	<0.50	<2	<10	<2	<2	<2
GMW-45	10/10/16	SGI	2200	---	4500	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	05/10/19	TSGS	3500	---	25000	---	---	90	2.5	42	380	<0.50	<1	<10	<2	<2	<2
GMW-45	11/07/19	SGI	4300	---	9400	---	---	99	3.6	49	269.6	<2.5	<1.2	<50	<10	<10	<10
GMW-45	05/11/20	SGI	1500	---	2700	---	---	31	<5.0	87	140	<5.0	<12	<100	<20	<20	<20
GMW-47	11/27/96	GSI	9600	---	<500	<500	---	1800	<25	160	660	---	---	---	---	---	---
GMW-47	07/09/97	GTI	420	---	93	<400	---	350	<1	170	79	---	---	---	---	---	---
GMW-47	01/06/98	GTI	1900	---	<100	1800	---	438	11	75	253	<2.5	<2.5	---	---	---	---
GMW-47	05/20/98	BBC	<300	---	---	---	---	1	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-47	11/05/98	GTI	1700	<100	---	---	---	910	4.9	18	140	---	---	---	---	---	---
GMW-47	05/26/99	GTI	<300	<100	---	---	---	130	<0.30	0.33	3	---	---	---	---	---	---
GMW-47	11/18/99	IT Corporation	2100	1200	---	---	---	1100	0.77	5.8	27	---	---	---	---	---	---
GMW-47	05/17/00	IT Corporation	7200	8000	---	---	---	2300	700	200	1100	---	---	---	---	---	---
GMW-47	11/29/00	IT Corporation	990	1100	---	---	---	280	0.59	2.2	<0.60	---	<5	---	---	---	---
GMW-47	03/30/01	IT Corporation	---	<50	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-47	05/09/01	IT Corporation	7600	4100	---	---	---	1400	110	55	590	---	16	---	---	---	---
GMW-47	11/07/01	IT Corporation	1500	350	---	---	---	410	8.2	8.7	150	---	<50	---	---	---	---
GMW-47	04/10/02	IT Corporation	4100	1200	---	---	---	710	150	9.2	360	---	<25	---	---	---	---
GMW-47	10/23/02	GTI	4000	2900	---	---	---	430	<5	26	99.9	<2.5	<5	---	---	---	---
GMW-47	04/09/03	GTI	---	<100	---	---	---	1.37	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-47	09/18/03	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-47	10/08/03	Blaine Tech for Parsons	140	380	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-47	02/21/04	Blaine Tech for Parsons	---	---	---	<100	---	4.2	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
GMW-47	04/21/04	Blaine Tech for Parsons	160	640	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	07/21/04	Blaine Tech for Parsons	330	330	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
GMW-47	11/03/04	Blaine Tech for Parsons	<100	430	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	03/02/05	Blaine Tech for Parsons	170	110	---	---	---	33	<1	5.8	<1	---	<1	---	---	---	---
GMW-47	05/05/05	Blaine Tech for Parsons	420	530	---	---	---	22	<0.50	6	17.55	<0.50	<0.50	<10	<2	<2	<2
GMW-47	08/04/05	Blaine Tech for Parsons	<100	110	---	---	---	3.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	11/05/05	Blaine Tech for Parsons	<100	250	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	03/08/06	Blaine Tech for Parsons	<100	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	05/03/06	Blaine Tech for Parsons	<100	340	---	---	---	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	07/28/06	Blaine Tech for Parsons	<100	440	---	---	---	0.95	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	12/05/06	Blaine Tech for Parsons	<100	200	---	---	---	5.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	03/23/07	Blaine Tech for Parsons	<100	420	---	---	---	11	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	05/02/07	Blaine Tech for Parsons	<100	320	---	---	---	4.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	08/31/07	Blaine Tech for Parsons	<100	400	---	---	---	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	11/13/07	Blaine Tech for Parsons	<100	180	---	---	---	0.83	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	02/07/08	Blaine Tech for Parsons	<100	290	---	---	---	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	04/16/08	Blaine Tech for Parsons	<100	270	---	---	---	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	07/29/08	Blaine Tech for Parsons	<100	450	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	10/15/08	Blaine Tech for Parsons	<100	---	---	---	300	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	02/12/09	Blaine Tech for Parsons	170	---	---	---	460	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	04/20/09	Blaine Tech for Parsons	180	---	---	---	730	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	07/20/09	Blaine Tech for AMEC GMX	200	---	---	---	1400	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15	<2	<2	<2
GMW-47	10/19/09	Blaine Tech for DESC	170	---	---	---	1200	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15	<2	<2	<2
GMW-47	01/11/10	Blaine Tech for DESC	---	---	---	---	1300	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	17	<2	<2	<2
GMW-47	04/19/10	Blaine Tech for DESC	---	---	---	---	930	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	13	<2	<2	<2
GMW-47	10/06/10	Blaine Tech for Parsons	---	---	---	---	1800	0.35 J	---	---	---	<0.50	<0.50	16	---	---	---
GMW-47	01/11/11	Blaine Tech for Parsons	---	---	---	---	1600	5.2	<0.50	0.75	<0.50	<0.50	1.2	17	<2	<2	<2
GMW-47	04/14/11	Blaine Tech for Parsons	---	---	---	---	1800	0.36 J	<0.50	0.27 J	<0.50	<0.50	2.6	<10	<2	<2	<2
GMW-47	07/12/11	Parsons	---	---	---	---	3000	0.54	<0.50	0.58	<0.50	<0.50	3.8	32	<2	<2	<2
GMW-47	10/11/11	Parsons	---	---	---	---	3900	0.55	<0.50	0.99	0.32 J	<0.50	6.1	46	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	01/10/12	Parsons	---	---	---	---	2900	0.63	<0.50	0.74	0.36 J	<0.50	7.9	110	<2	<2	<2
GMW-47	04/20/12	Parsons	---	---	---	---	2300	0.52	<0.50	0.68	0.31 J	<0.50	5	310	<2	<2	<2
GMW-47	07/10/12	Parsons	---	---	---	---	2600	0.15 J	<0.50	0.29 J	0.31	<0.50	6.5	250	<2	<2	<2
GMW-47	10/17/12	Parsons	---	---	---	---	1400	0.46 J	<0.50	0.17 J	<0.50	<0.50	4.5	310	<2	<2	<2
GMW-47	01/15/13	Parsons	---	---	580 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	320	<2	<2	<2
GMW-47	04/11/13	Parsons	---	---	1500 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	5.4	150	<2	<2	<2
GMW-47	10/08/13	Parsons	<100	---	990 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.8	490	<2	<2	<2
GMW-47	04/16/14	Parsons	<100	---	1500 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6	280	<2	<2	<2
GMW-47	10/29/14	SGI	<100	---	2100	---	---	<0.50	<0.50	<0.50	<1	<0.50	5.8	130	<2	<2	<2
GMW-47	04/28/15	SGI	<100	---	2100	---	---	<0.50	<0.50	<0.50	<1	<0.50	5.9	350	<2	<2	<2
GMW-47	10/26/15	SGI	<100	---	1300	---	---	<0.50	<0.50	<0.50	<1	<0.50	4.8	31	<2	<2	<2
GMW-47	04/14/16	SGI	<100	---	450	---	---	<0.50	<0.50	<0.50	<1	<0.50	5.7	<10	<2	<2	<2
GMW-47	10/07/16	SGI	<100	---	2000	---	---	<0.50	<0.50	<0.50	<1	<0.50	4.9	120	<2	<2	<2
GMW-47	04/21/17	SGI	<100	---	860	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-47	10/04/17	TSGS	<100	---	980	---	---	<0.50	<0.50	<0.50	<1	<0.50	8.6	410	<2	<2	<2
GMW-47	04/23/18	TSGS	<100	---	890	---	---	0.61	<0.50	<0.50	<1	<0.50	6.5	220	<2	<2	<2
GMW-47	11/12/18	TSGS	<100	---	2400	---	---	<0.50	<0.50	<0.50	<1	<0.50	2.2	24	<2	<2	<2
GMW-47	04/22/19	TSGS	<100	---	1000	---	---	<0.50	<0.50	<0.50	<1	<0.50	2.6	<10	<2	<2	<2
GMW-47	05/10/19	TSGS	<100	---	2100	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.2	250	<2	<2	<2
GMW-47	11/06/19	SGI	<100	---	600	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	2.0	58	<2.0	<2.0	<2.0
GMW-47	05/08/20	SGI	170	---	1800	---	---	1.2	<0.50	<0.50	<1.0	<0.50	14	1100	<2.0	<2.0	<2.0
GMW-48	11/22/96	GSI	56000	---	<500	<500	---	10000	1800	1500	6900	0.8	---	---	---	---	---
GMW-48	10/09/13	Parsons	1200 HD	---	3100 HD	---	---	450	0.49 J	1.3	1.48	<0.50	0.78	32	<2	<2	<2
GMW-48	04/17/14	Parsons	1800 HD	---	1900 HD	---	---	400	<1.2	1.7	1.27	<1.2	<1.2	44	<5	<5	<5
GMW-48	10/31/14	SGI	2600	---	3100	---	---	450	<0.50	2.1	<1	<0.50	<2	21	<2	<2	<2
GMW-48	04/29/15	SGI	1000	---	2400	---	---	300	<2.5	2.5	<5	<2.5	<10	<50	<10	<10	<10
GMW-48	10/26/15	SGI	1500	---	1800	---	---	170	<2.5	18	130	<2.5	<10	<50	<10	<10	<10
GMW-48	10/11/16	SGI	470	---	1100	---	---	200	<1	<1	<2	<1	<2	<20	<4	<4	<4
GMW-48	04/21/17	SGI	460	---	1500	---	---	190	<0.50	0.5	<1	<0.50	<1	<10	<2	<2	<2
GMW-48	10/09/17	TSGS	360	---	1400	---	---	190	<1	<1	<2	<1	<2	<20	<4	<4	<4
GMW-48	04/23/18	TSGS	280	---	810	---	---	130	<2.5	<2.5	<5	<2.5	<5	<50	<10	<10	<10
GMW-48	11/15/18	TSGS	150	---	690	---	---	1	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-48	04/18/19	TSGS	<100	---	500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-48	10/30/19	SGI	<100	---	450	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-48	05/08/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-50	01/10/12	Parsons	---	---	---	---	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	SGI	<100	---	440	---	---	35	<0.50	<0.50	<1	<0.50	1.3	<10	<2	<2	<2
GMW-54	04/22/15	SGI	<100	---	1800	---	---	<0.50	<0.50	<0.50	<1	<0.50	2.3	<10	<2	<2	<2
GMW-54	04/21/17	SGI	<100	---	850	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	11/05/98	GTI	<300	<100	---	---	---	<0.30	<0.30	16	<0.60	---	---	---	---	---	---
GMW-56	05/27/99	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-56	11/18/99	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-56	05/17/00	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-56	11/29/00	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-56	05/09/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-56	11/07/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-56	04/10/02	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	12	---	---	---	---
GMW-56	04/10/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-56	10/08/03	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-56	04/21/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	11/04/04	Blaine Tech for Parsons	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	05/05/05	Blaine Tech for Parsons	---	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	11/05/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	05/03/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	12/08/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	05/02/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	11/14/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	04/16/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	0.94	<0.50	<0.50	<10	<2	<2	<2
GMW-56	10/15/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	04/21/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	10/21/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.2 J	<2	<2	<2
GMW-56	04/12/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	04/15/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	10/08/13	Parsons	<100	---	190 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	04/15/14	Parsons	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	10/27/14	SGI	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-56	04/22/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-56	04/13/16	SGI	<100	---	<100	---	---	<0.50	<0.50	0.62	0.73	<0.50	<1	<10	<2	<2	<2
GMW-56	10/04/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	04/18/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	10/03/17	TSGS	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	04/17/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	11/05/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	04/16/19	TSGS	<100	---	<100J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	10/29/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-56	05/05/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-57	11/05/98	GTI	<300	<100	---	---	---	12	0.63	4.5	0.97	---	---	---	---	---	---
GMW-57	05/26/99	GTI	379	<100	---	---	---	150	15	12	55	---	---	---	---	---	---
GMW-57	11/18/99	IT Corporation	4000	3600	---	---	---	950	240	150	750	---	---	---	---	---	---
GMW-57	05/17/00	IT Corporation	17000	<100	---	---	---	3200	2200	750	4300	---	---	---	---	---	---
GMW-57	11/29/00	IT Corporation	11000	7100	---	---	---	2300	21	340	1800	---	<100	---	---	---	---
GMW-57	03/30/01	IT Corporation	---	1800	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-57	05/09/01	IT Corporation	28000	12000	---	---	---	3300	3100	690	3600	---	<50	---	---	---	---
GMW-57	11/07/01	IT Corporation	19000	11000	---	---	---	3900	1600	390	3400	---	<500	---	---	---	---
GMW-57	04/10/02	IT Corporation	5000	5300	---	---	---	720	150	8.2	360	<2.5	<2.5	---	---	---	---
GMW-57	10/23/02	GTI	1700	2000	---	---	---	690	<0.30	3.2	5.7	---	<5	---	---	---	---
GMW-57	04/09/03	GTI	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-57	09/18/03	Blaine Tech for Parsons	---	170	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-57	10/11/03	Blaine Tech for Parsons	200	650	---	---	---	47	<0.50	0.57	<0.50	<0.50	<0.50	---	---	---	---
GMW-57	02/21/04	Blaine Tech for Parsons	---	---	---	470	---	190	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
GMW-57	04/21/04	Blaine Tech for Parsons	110	710	---	---	---	21	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/21/04	Blaine Tech for Parsons	340	720	---	---	---	48	<0.50	<0.50	<0.50	---	<0.50	270	57	54	50
GMW-57	11/03/04	Blaine Tech for Parsons	120	270	---	---	---	22	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	03/02/05	Blaine Tech for Parsons	400	170	---	---	---	190	<1	2.5	<1	---	<1	---	---	---	---
GMW-57	05/05/05	Blaine Tech for Parsons	280	170	---	---	---	57	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	08/04/05	Blaine Tech for Parsons	170	430	---	---	---	120	<0.50	0.54	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	11/05/05	Blaine Tech for Parsons	120	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	03/08/06	Blaine Tech for Parsons	180	180	---	---	---	4.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	05/03/06	Blaine Tech for Parsons	<100	280	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/28/06	Blaine Tech for Parsons	180	1100	---	---	---	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	12/05/06	Blaine Tech for Parsons	<100	290	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	03/23/07	Blaine Tech for Parsons	120	540	---	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-57	05/02/07	Blaine Tech for Parsons	120	720	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	08/31/07	Blaine Tech for Parsons	110	700	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	11/13/07	Blaine Tech for Parsons	160	450	---	---	---	0.72	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	02/07/08	Blaine Tech for Parsons	150	720	---	---	---	4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/16/08	Blaine Tech for Parsons	<100	540	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/29/08	Blaine Tech for Parsons	<100	390	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/15/08	Blaine Tech for Parsons	<100	---	---	---	210	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	02/12/09	Blaine Tech for Parsons	<100	---	---	---	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/20/09	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/21/09	Blaine Tech for AMEC GMX	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/19/09	Blaine Tech for DESC	<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	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/12/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/06/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-57	01/10/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/11/11	Blaine Tech for Parsons	---	---	---	---	<100	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/11/11	Parsons	---	---	---	---	130	10	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/11/11	Parsons	---	---	---	---	<100	1.6	<0.50	<0.50	0.48 J	<0.50	<0.50	<10	<2	<2	<2
GMW-57	01/09/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/17/12	Parsons	---	---	---	---	200	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/09/12	Parsons	---	---	---	---	330	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/16/12	Parsons	---	---	---	---	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	01/14/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/08/13	Parsons	---	---	180 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<10	<2	<2	<2
GMW-57	10/08/13	Parsons	<100	---	140 HD	---	---	0.34 J	<0.50	<0.50	0.99	<0.50	0.74	<10	<2	<2	<2
GMW-57	04/16/14	Parsons	<100	---	340 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	<10	<2	<2	<2
GMW-57	10/29/14	SGI	140	---	380	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-57	04/28/15	SGI	<100	---	310	---	---	<0.50	<0.50	<0.50	<1	<0.50	3	<10	<2	<2	<2
GMW-57	10/22/15	SGI	<100	---	440	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-57	04/13/16	SGI	<100	---	400	---	---	<0.50	<0.50	0.8	2.8	<0.50	<1	<10	<2	<2	<2
GMW-57	10/07/16	SGI	<100	---	570	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.4	<10	<2	<2	<2
GMW-57	04/20/17	SGI	<100	---	670	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.7	<10	<2	<2	<2
GMW-57	10/04/17	TSGS	<100	---	380	---	---	<0.50	<0.50	<0.50	<1	<0.50	5.1	52	<2	<2	<2
GMW-57	04/17/18	TSGS	<100	---	370	---	---	<0.50	<0.50	<0.50	<1	<0.50	4.8	72	<2	<2	<2
GMW-57	11/09/18	TSGS	<100	---	730	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-57	04/18/19	TSGS	<100	---	370	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.2	69	<2	<2	<2
GMW-57	10/30/19	SGI	<100	---	460	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	4.8	87	<2.0	<2.0	<2.0
GMW-57	05/08/20	SGI	160	---	170	---	---	2.3	4.3	9.3	17.7	<0.50	<1.2	32	<2.0	<2.0	<2.0
GMW-58	11/04/98	GTI	2590	1700	---	---	---	200	210	67	280	---	---	---	---	---	---
GMW-58	05/26/99	GTI	1360	451	---	---	---	310	62	42	170	---	---	---	---	---	---
GMW-58	11/18/99	IT Corporation	1600	1900	---	---	---	82	26	20	100	---	---	---	---	---	---
GMW-58	05/17/00	IT Corporation	21000	36000	---	---	---	3500	5900	730	3900	---	---	---	---	---	---
GMW-58	03/02/05	Blaine Tech for Parsons	5800	22000	---	---	---	1700	<20	250	400	---	<20	---	---	---	---
GMW-58	05/05/05	Blaine Tech for Parsons	12000	36000	---	---	---	410	<2.5	13	600	<2.5	<2.5	<50	<10	<10	<10
GMW-58	08/04/05	Blaine Tech for Parsons	5800	24000	---	---	---	500	<2.5	56	124	<2.5	<2.5	<50	<10	<10	<10
GMW-58	11/05/05	Blaine Tech for Parsons	6300	9700	---	---	---	560	<2.5	380	196	<2.5	<2.5	<50	<10	<10	<10
GMW-58	03/08/06	Blaine Tech for Parsons	5300	34000	---	---	---	250	<2.5	140	21.1	<2.5	<2.5	<50	<10	<10	<10
GMW-58	05/03/06	Blaine Tech for Parsons	2900	16000	---	---	---	260	<1	85	27.3	<1	<1	<20	<4	<4	<4
GMW-58	07/28/06	Blaine Tech for Parsons	3200	15000	---	---	---	310	<1	78	22.7	<1	<1	<20	<4	<4	<4
GMW-58	03/23/07	Blaine Tech for Parsons	1700	4100	---	---	---	350	<1	5.9	<1	<1	<1	<20	<4	<4	<4
GMW-58	05/02/07	Blaine Tech for Parsons	2200	2500	---	---	---	320	<1	9.5	<1	<1	<1	<20	<4	<4	<4

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-58	08/31/07	Blaine Tech for Parsons	3000	2400	---	---	---	240	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
GMW-58	11/13/07	Blaine Tech for Parsons	2000	720	---	---	---	240	<1	7.4	<1	<1	<1	<20	<4	<4	<4
GMW-58	02/07/08	Blaine Tech for Parsons	1100	5000	---	---	---	270	<1	1.8	<1	<1	<1	<20	<4	<4	<4
GMW-58	04/16/08	Blaine Tech for Parsons	1100	720	---	---	---	310	<2.5	<2.5	<2.5	8.4	<2.5	<50	<10	<10	<10
GMW-58	07/29/08	Blaine Tech for Parsons	870	750	---	---	---	45	<0.50	<0.50	<0.50	<0.50	0.77	<10	<2	<2	<2
GMW-58	10/15/08	Blaine Tech for Parsons	1200	---	---	---	---	840	62	<0.50	0.67	0.62	<0.50	<0.50	<10	<2	<2
GMW-58	02/12/09	Blaine Tech for Parsons	1000	---	---	---	---	2200	36	<0.50	0.85	<0.50	<0.50	0.55	<10	<2	<2
GMW-58	04/20/09	Blaine Tech for Parsons	130	---	---	---	---	230	<0.50	<0.50	<0.50	<0.50	13	<10	<2	<2	<2
GMW-58	07/20/09	Blaine Tech for AMEC GMX	100	---	---	---	---	300	1.2	<0.50	<0.50	<0.50	<0.50	6.4	<10	<2	<2
GMW-58	10/19/09	Blaine Tech for DESC	1000	---	---	---	---	2200	9.5	<0.50	0.24 J	<0.50	<0.50	1.5	6 J	<2	<2
GMW-58	01/11/10	Blaine Tech for DESC	---	---	---	---	---	190	9.7	<0.50	<0.50	<0.50	<0.50	1.7	3.8 J	<2	<2
GMW-58	04/19/10	Blaine Tech for DESC	---	---	---	---	---	300	12	<0.50	<0.50	<0.50	<0.50	0.81	5.7 J	<2	<2
GMW-58	10/06/10	Blaine Tech for Parsons	---	---	---	---	---	170	8.6	---	---	---	<0.50	<0.50	<10	---	---
GMW-58	01/10/11	Blaine Tech for Parsons	---	---	---	---	---	410	5.8	<0.50	<0.50	<0.50	<0.50	0.46 J	<10	<2	<2
GMW-58	04/13/11	Blaine Tech for Parsons	---	---	---	---	---	1300	94	<0.50	0.35 J	<0.50	<0.50	<0.50	<10	<2	<2
GMW-58	07/11/11	Parsons	---	---	---	---	---	220	31	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2
GMW-58	10/11/11	Parsons	---	---	---	---	---	350	27	<0.50	<0.50	<0.50	<0.50	0.65	<10	<2	<2
GMW-58	04/18/12	Parsons	---	---	---	---	---	710	28	<0.50	0.18 J	0.48 J	0.82	0.54	<10	<2	<2
GMW-58	07/10/12	Parsons	---	---	---	---	---	890	27	<0.50	<0.50	<0.50	<0.50	0.46 J	18	<2	<2
GMW-58	10/17/12	Parsons	---	---	---	---	---	790	18	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2
GMW-58	01/15/13	Parsons	---	---	420 b	---	---	8.7	<0.50	<0.50	0.32	<0.50	<0.50	17	<2	<2	<2
GMW-58	04/10/13	Parsons	---	---	1600 b	---	---	6.7	<0.50	<0.50	<0.50	<0.50	0.46 J	25	<2	<2	<2
GMW-58	10/08/13	Parsons	460 HD	---	1200 HD	---	---	4.7	<0.50	<0.50	<0.50	<0.50	0.43 J	15	<2	<2	<2
GMW-58	04/16/14	Parsons	600 HD	---	920 HD	---	---	12	<0.50	0.24 J	<0.50	<0.50	0.64	17	<2	<2	<2
GMW-58	10/29/14	SGL	280	---	340	---	---	37	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-58	04/28/15	SGL	<100	---	410	---	---	1.1	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-58	04/15/16	SGL	<100	---	290	---	---	1.3	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-58	04/20/17	SGL	150	---	1400	---	---	1.6	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-58	10/09/17	TSGS	<100	---	960	---	---	21	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-58	11/07/19	SGL	390	---	1400	---	---	19	<0.50	0.73	3.28	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-58	05/11/20	SGL	<100	---	140	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-59	11/04/98	GTI	9880	12400	---	---	---	950	600	210	620	---	---	---	---	---	---
GMW-59	11/29/00	IT Corporation	67000	21000	---	---	---	3500	900	750	3600	---	<130	---	---	---	---
GMW-59	04/10/03	GTI	---	29600	---	---	---	261	4.8	18.4	110	---	<3	---	---	---	---
GMW-59	10/08/03	Blaine Tech for Parsons	---	4900	---	---	---	760	<3	65	450	---	<50	---	---	---	---
GMW-59	04/21/04	Blaine Tech for Parsons	---	5000	---	---	---	590	<1	100	275.6	---	380	---	---	---	---
GMW-59	11/03/04	Blaine Tech for Parsons	---	4000	---	---	---	95	<0.60	15	18	---	<10	---	---	---	---
GMW-59	03/02/05	Blaine Tech for Parsons	4200	23000	---	---	---	400	<5	130	22	---	35	---	---	---	---
GMW-59	05/05/05	Blaine Tech for Parsons	11000	9400	---	---	---	170	<0.50	60	7.8	<0.50	11	<10	<2	<2	<2
GMW-59	08/04/05	Blaine Tech for Parsons	6400	17000	---	---	---	140	<1	56	6.6	<1	<1	<20	<4	<4	<4
GMW-59	11/05/05	Blaine Tech for Parsons	9500	26000	---	---	---	270	<0.50	26	2.2	<0.50	<0.50	<10	<2	<2	<2
GMW-59	03/08/06	Blaine Tech for Parsons	4600	13000	---	---	---	260	<1	7.4	<1	<1	<1	<20	<4	<4	<4
GMW-59	05/03/06	Blaine Tech for Parsons	9900	9300	---	---	---	210	<1	4	<1	<1	<1	<20	<4	<4	<4
GMW-59	07/28/06	Blaine Tech for Parsons	3200	37000	---	---	---	540	<1	3.1	<1	<1	4.8	<20	<4	<4	<4
GMW-59	12/05/06	Blaine Tech for Parsons	---	9000	---	---	---	800	4.3	5.2	11	---	<10	---	---	---	---
GMW-59	03/23/07	Blaine Tech for Parsons	8200	15000	---	---	---	840	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
GMW-59	05/02/07	Blaine Tech for Parsons	4800	7400	---	---	---	1100	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
GMW-59	08/31/07	Blaine Tech for Parsons	4800	3500	---	---	---	720	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
GMW-59	11/13/07	Blaine Tech for Parsons	4700	2200	---	---	---	660	<5	<5	<5	<5	<5	<100	<20	<20	<20
GMW-59	02/07/08	Blaine Tech for Parsons	3200	3900	---	---	---	490	<2.5	3.8	<2.5	<2.5	2.7	<50	<10	<10	<10
GMW-59	04/16/08	Blaine Tech for Parsons	3600	2100	---	---	---	580	<2.5	3.5	<2.5	15	3.7	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	07/29/08	Blaine Tech for Parsons	2300	2900	---	---	---	580	<2.5	<2.5	<2.5	<2.5	3.3	<50	<10	<10	<10
GMW-59	10/15/08	Blaine Tech for Parsons	2500	---	---	---	2400	830	<2.5	<2.5	<2.5	<2.5	5.5	<50	<10	<10	<10
GMW-59	02/12/09	Blaine Tech for Parsons	2500	---	---	---	2600	650	<2.5	<2.5	<2.5	<2.5	3.2	<50	<10	<10	<10
GMW-59	04/20/09	Blaine Tech for Parsons	8500	---	---	---	19000	610	<2.5	<2.5	<2.5	<2.5	2.7	<50	<10	<10	<10
GMW-59	07/20/09	Blaine Tech for AMEC GMX	6700	---	---	---	11000	520	<2.5	<2.5	<2.5	<2.5	3.5	<50	<10	<10	<10
GMW-59	10/21/09	Blaine Tech for DESC	2600	---	---	---	3000	1700	<2.5	1.4 J	<2.5	<2.5	16	18 J	<10	<10	<10
GMW-59	01/11/10	Blaine Tech for DESC	---	---	---	---	1900	2200	<10	<10	<10	<10	17	<200	<40	<40	<40
GMW-59	04/19/10	Blaine Tech for DESC	2900	---	---	---	1700	570	<0.50	1.9	<0.50	<0.50	2.3	11	<2	<2	<2
GMW-59	10/06/10	Blaine Tech for Parsons	850	---	---	---	1500	87	---	---	---	<0.50	3.5	17	---	---	---
GMW-59	01/11/11	Blaine Tech for Parsons	2500	---	---	---	4100	1100	<0.50	1.1	<0.50	<0.50	8.8	23	<2	<2	<2
GMW-59	04/14/11	Blaine Tech for Parsons	10000	---	---	---	3800	130	<0.50	0.85	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-59	07/12/11	Parsons	1400	---	---	---	1700	14	<0.50	0.43 J	<0.50	<0.50	<0.50	8 J	<2	<2	<2
GMW-59	10/11/11	Parsons	<1800	---	---	---	2500	130	<0.24	0.78	<0.50	<0.50	2.1	13	<2	<2	<2
GMW-59	01/10/12	Parsons	2800	---	---	---	2600	340	0.24 J	0.54	<0.50	<0.50	5.2	16	<2	<2	<2
GMW-59	04/20/12	Parsons	3100	---	---	---	3800	870	0.27 J	0.85	0.24 J	<0.50	8.4	36	<2	<2	<2
GMW-59	07/10/12	Parsons	---	---	---	---	6300	1100	<5	1.5 J	<5	<5	9.7	<100	<20	<20	<20
GMW-59	10/19/12	Parsons	3400 bD	---	---	---	4800	1000	<5	1.8 J	<5	<5	7.8	<100	<20	<20	<20
GMW-59	01/15/13	Parsons	2400	---	1500 b	---	---	670	<2.5	1.6 J	<2.5	<2.5	7.4	<50	<10	<10	<10
GMW-59	04/12/13	Parsons	2500 bD	---	8200	---	---	680	<2.5	2.2 J	<2.5	<2.5	6.6	<50	<10	<10	<10
GMW-59	10/09/13	Parsons	1400 HD	---	3100 HD	---	---	240	<0.50	0.76	0.3	<0.50	5.1	<10	<2	<2	<2
GMW-59	04/18/14	Parsons	5600 HD	---	7700 HD	---	---	170	<0.50	1.5	0.99	<0.50	3.5	14	<2	<2	<2
GMW-59	11/03/14	SGL	1500	---	2000	---	---	300	<0.50	0.93	<1	<0.50	<2	<10	<2	<2	<2
GMW-59	04/29/15	SGL	910	---	1600	---	---	150	<2.5	<2.5	<5	<2.5	<10	<50	<10	<10	<10
GMW-59	10/26/15	SGL	3000	---	2600	---	---	180	<5	34	240	<5	<20	<100	<20	<20	<20
GMW-59	04/14/16	SGL	640	---	3300	---	---	87	<0.50	<0.50	<1	<0.50	1	<10	<2	<2	<2
GMW-59	10/11/16	SGL	470	---	1800	---	---	110	<1	<1	<2	<1	<2	<20	<4	<4	<4
GMW-59	04/21/17	SGL	400	---	1300	---	---	130	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-59	10/09/17	TSGS	210	---	960	---	---	17	<1	<1	<2	<1	<2	<20	<4	<4	<4
GMW-59	04/23/18	TSGS	<100	---	770	---	---	0.81	<0.50	<0.50	0.5	<0.50	<1	<10	<2	<2	<2
GMW-59	11/09/18	TSGS	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-59	04/18/19	TSGS	<100	---	340	---	---	1	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-59	10/30/19	SGL	<100	---	480	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-59	05/08/20	SGL	<100	---	150	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60	07/21/04	Blaine Tech for Parsons	15000	5300	---	---	---	1700	160	710	2050	---	<0.50	---	---	---	---
GMW-60	11/03/04	Blaine Tech for Parsons	12000	3500	---	---	---	1700	70	900	1780	<5	<5	<100	<20	<20	<20
GMW-60	03/02/05	Blaine Tech for Parsons	8300	4900	---	---	---	1300	<20	860	2040	---	<20	---	---	---	---
GMW-60	05/05/05	Blaine Tech for Parsons	9400	4600	---	---	---	1100	<5	790	1740	<5	<5	<100	<20	<20	<20
GMW-60	08/04/05	Blaine Tech for Parsons	6200	5600	---	---	---	1000	<5	680	1070	<5	<5	<100	<20	<20	<20
GMW-60	11/05/05	Blaine Tech for Parsons	7200	4400	---	---	---	970	<5	710	1130	<5	<5	<100	<20	<20	<20
GMW-60	03/08/06	Blaine Tech for Parsons	5900	5200	---	---	---	680	<5	640	800	<5	<5	<100	<20	<20	<20
GMW-60	05/03/06	Blaine Tech for Parsons	3900	2200	---	---	---	770	<5	230	235	<5	<5	<100	<20	<20	<20
GMW-60	07/28/06	Blaine Tech for Parsons	4600	4900	---	---	---	850	<5	170	102	<5	<5	<100	<20	<20	<20
GMW-60	12/05/06	Blaine Tech for Parsons	4100	920	---	---	---	660	<5	130	92	<5	<5	<100	<20	<20	<20
GMW-60	03/23/07	Blaine Tech for Parsons	3500	1700	---	---	---	490	<2.5	87	80	<2.5	<2.5	<50	<10	<10	<10
GMW-60	05/02/07	Blaine Tech for Parsons	2800	630	---	---	---	300	<2.5	18	23	<2.5	<2.5	<50	<10	<10	<10
GMW-60	08/31/07	Blaine Tech for Parsons	2000	660	---	---	---	250	<2.5	18	5.9	<2.5	<2.5	<50	<10	<10	<10
GMW-60	11/13/07	Blaine Tech for Parsons	1500	<100	---	---	---	180	<0.50	21	4.3	<0.50	<0.50	<10	<2	<2	<2
GMW-60	02/07/08	Blaine Tech for Parsons	1700	290	---	---	---	270	0.8	65	47.9	<0.50	<0.50	<10	<2	<2	<2
GMW-60	04/16/08	Blaine Tech for Parsons	1400	920	---	---	---	160	<1	24	<1	<1	<1	<20	<4	<4	<4
GMW-60	07/29/08	Blaine Tech for Parsons	2000	610	---	---	---	240	<1	3.9	<1	<1	<1	<20	<4	<4	<4
GMW-60	10/15/08	Blaine Tech for Parsons	1400	---	---	---	---	270	<1	2.7	<1	<1	<1	<20	<4	<4	<4

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	02/12/09	Blaine Tech for Parsons	1600	---	---	---	490	200	<1	2.5	<1	<1	<1	<20	<4	<4	<4
GMW-60	04/20/09	Blaine Tech for Parsons	3500	---	---	---	1100	800	<5	7.9	<5	<5	<5	<100	<20	<20	<20
GMW-60	07/20/09	Blaine Tech for AMEC GMX	3200	---	---	---	1700	940	<5	11	<5	<5	<5	<100	<20	<20	<20
GMW-60	10/19/09	Blaine Tech for DESC	2600	---	---	---	930	800	<5	8.8	<5	<5	<5	<100	<20	<20	<20
GMW-60	01/11/10	Blaine Tech for DESC	---	---	---	---	<100	940	<5	12	<5	<5	<1	<100	<20	<20	<20
GMW-60	04/13/10	Blaine Tech for DESC	1900	---	---	---	1300	580	<0.50	8.7	0.26	<0.50	<0.50	<10	<2	<2	<2
GMW-60	10/06/10	Blaine Tech for Parsons	560	---	---	---	1900	770	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-60	01/11/11	Blaine Tech for Parsons	3200	---	---	---	2100	870	<0.50	12	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-60	04/15/11	Blaine Tech for Parsons	2100	---	---	---	1200	590	<0.50	9.8	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-60	07/12/11	Parsons	2200	---	---	---	1500	560	<0.50	10	0.27 J	<0.50	<0.50	8.8 J	<2	<2	<2
GMW-60	10/11/11	Parsons	2300	---	---	---	1500	510	<0.50	9.1	0.38 J	<0.50	<0.50	<10	<2	<2	<2
GMW-60	01/10/12	Parsons	2100	---	---	---	990	210	0.3 J	7.3	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-60	04/20/12	Parsons	1200	---	---	---	1300	13	<0.50	3.1	0.36 J	<0.50	<0.50	14	<2	<2	<2
GMW-60	07/10/12	Parsons	---	---	---	---	1200	5.1	<0.50	0.7	0.24	<0.50	<0.50	69	<2	<2	<2
GMW-60	10/17/12	Parsons	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	Parsons	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	Parsons	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	Parsons	920 HD	---	2300 HD	---	---	25	<0.50	0.7	0.59	<0.50	<0.50	800	<2	<2	<2
GMW-60	04/17/14	Parsons	650	---	2700 HD	---	---	11	<1	0.3 J	<1	<1	<1	1200	<4	<4	<4
GMW-60	10/30/14	SGL	470	---	1500	---	---	8.6	<0.50	<0.50	<1	<0.50	<2	680	<2	<2	<2
GMW-60	04/28/15	SGL	330	---	2000	---	---	3.1	<0.50	<0.50	<1	<0.50	<2	1600	<2	<2	<2
GMW-60	10/26/15	SGL	<100	---	870	---	---	0.98	<0.50	<0.50	<1	<0.50	<2	43	<2	<2	<2
GMW-60	04/13/16	SGL	110	---	100	---	---	5.1	<0.50	0.69	2.6	<0.50	<1	<10	<2	<2	<2
GMW-60	10/07/16	SGL	<100	---	870	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-60	04/20/17	SGL	220	---	1200	---	---	26	<0.50	2.4	<1	<0.50	<1	55	<2	<2	<2
GMW-60	10/09/17	TSGS	<100	---	430	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-60	04/17/18	TSGS	<100	---	210	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-60	11/09/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-60	04/16/19	TSGS	<100	---	<260	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-60	10/30/19	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60	05/05/20	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-61	07/21/04	Blaine Tech for Parsons	19000	14000	---	---	---	2400	1700	1000	4000	---	<0.50	---	---	---	---
GMW-61	11/03/04	Blaine Tech for Parsons	23000	5700	---	---	---	2500	2200	1200	5000	<5	<5	<100	<20	<20	<20
GMW-61	03/02/05	Blaine Tech for Parsons	20000	10000	---	---	---	2700	1900	1100	5900	---	<20	---	---	---	---
GMW-61	05/05/05	Blaine Tech for Parsons	11000	7000	---	---	---	2000	310	840	2500	<10	<10	<200	<40	<40	<40
GMW-61	08/04/05	Blaine Tech for Parsons	11000	12000	---	---	---	1900	740	740	3500	<10	<10	<200	<40	<40	<40
GMW-61	11/05/05	Blaine Tech for Parsons	16000	10000	---	---	---	2600	480	1100	4900	<10	<10	<200	<40	<40	<40
GMW-61	03/08/06	Blaine Tech for Parsons	11000	7900	---	---	---	2100	280	1000	2700	<10	<10	<200	<40	<40	<40
GMW-61	05/03/06	Blaine Tech for Parsons	9600	7300	---	---	---	1900	89	810	2030	<10	<10	<200	<40	<40	<40
GMW-61	07/28/06	Blaine Tech for Parsons	7200	9900	---	---	---	1400	20	460	1290	<10	<10	<200	<40	<40	<40
GMW-61	12/05/06	Blaine Tech for Parsons	7900	4000	---	---	---	1500	19	330	2050	<5	<5	<100	<20	<20	<20
GMW-61	03/23/07	Blaine Tech for Parsons	7500	3100	---	---	---	1200	16	220	1340	<5	<5	<100	<20	<20	<20
GMW-61	05/02/07	Blaine Tech for Parsons	11000	3000	---	---	---	1600	27	290	2090	<5	<5	<100	<20	<20	<20
GMW-61	08/31/07	Blaine Tech for Parsons	9200	1600	---	---	---	1500	17	190	1170	<0.50	<0.50	<10	<2	<2	<2
GMW-61	11/13/07	Blaine Tech for Parsons	2300	<100	---	---	---	580	6.3	99	360	<5	<5	<100	<20	<20	<20
GMW-61	02/07/08	Blaine Tech for Parsons	2600	890	---	---	---	330	8.6	70	363	<2.5	<2.5	<50	<10	<10	<10
GMW-61	04/16/08	Blaine Tech for Parsons	2000	1100	---	---	---	480	5	64	399	<2.5	<2.5	<50	<10	<10	<10
GMW-61	07/29/08	Blaine Tech for Parsons	1500	790	---	---	---	400	<2.5	28	129.3	<2.5	<2.5	<50	<10	<10	<10
GMW-61	10/15/08	Blaine Tech for Parsons	1300	---	---	---	---	500	450	<2.5	34	149.5	<2.5	<2.5	<50	<10	<10
GMW-61	02/12/09	Blaine Tech for Parsons	1100	---	---	---	<100	340	<2.5	13	57	<2.5	<2.5	<50	<10	<10	<10
GMW-61	04/20/09	Blaine Tech for Parsons	1100	---	---	---	---	550	490	<2.5	<2.5	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	07/20/09	Blaine Tech for AMEC GMX	760	---	---	---	560	350	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
GMW-61	10/19/09	Blaine Tech for DESC	620	---	---	---	410	320	<2.5	1.2 J	<2.5	<2.5	<2.5	<50	<10	<10	<10
GMW-61	01/11/10	Blaine Tech for DESC	---	---	---	---	<100	190	<1	0.99 J	<1	<1	<1	<20	<4	<4	<4
GMW-61	04/15/10	Blaine Tech for DESC	740	---	---	---	500	380	<0.50	1.7	<0.50	<0.50	<0.50	3.7 J	<2	<2	<2
GMW-61	10/06/10	Blaine Tech for Parsons	1200	---	---	---	550	100	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-61	01/10/11	Blaine Tech for Parsons	800	---	---	---	910	190	<0.50	1.8	0.48	<0.50	<0.50	<10	<2	<2	<2
GMW-61	04/14/11	Blaine Tech for Parsons	790	---	---	---	700	110	<0.50	1.2	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-61	07/12/11	Parsons	230	---	---	---	240	6.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-61	10/11/11	Parsons	140	---	---	---	<100	<0.50	<0.70	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-61	01/10/12	Parsons	210	---	---	---	100	0.15 J	1.1	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-61	04/19/12	Parsons	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	Parsons	---	---	---	---	510	110	0.29 J	0.87	0.28	<0.50	<0.50	14	<2	<2	<2
GMW-61	10/19/12	Parsons	1500 b	---	---	---	800	290	0.87	2.5	0.63	<0.50	<0.50	<10	<2	<2	<2
GMW-61	01/15/13	Parsons	130	---	140 b	---	---	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	69	<2	<2	<2
GMW-61	04/11/13	Parsons	<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	Parsons	130 HD	---	390 HD	---	---	9.4	<0.50	<0.50	<0.50	<0.50	<0.50	210	<2	<2	<2
GMW-61	04/17/14	Parsons	220 HD	---	190 HD	---	---	9.9	<0.50	0.18 J	0.31	<0.50	<0.50	55	<2	<2	<2
GMW-61	10/29/14	SGI	120	---	200	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	110	<2	<2	<2
GMW-61	04/28/15	SGI	130	---	260	---	---	12	<0.50	<0.50	<1	<0.50	<2	130	<2	<2	<2
GMW-61	04/14/16	SGI	<100	---	330	---	---	0.65	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-61	10/07/16	SGI	<100	---	390	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-61	04/20/17	SGI	140	---	1200	---	---	18	<0.50	<0.50	5.6	<0.50	<1	<10	<2	<2	<2
GMW-61	10/09/17	TSGS	<100	---	1000	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-61	04/23/18	TSGS	<100	---	440	---	---	0.61	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-61	11/09/18	TSGS	<100	---	610	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-61	04/18/19	TSGS	<100	---	210	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-61	11/06/19	SGI	<100	---	340	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-61	05/08/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-62	11/14/07	Blaine Tech for Parsons	4200	<100	---	---	---	1400	85	160	92	<5	<5	<100	<20	<20	<20
GMW-62	02/07/08	Blaine Tech for Parsons	4100	1400	---	---	---	2100	190	450	610	<5	<5	<100	<20	<20	<20
GMW-62	04/17/08	Blaine Tech for Parsons	1000	500	---	---	---	430	15	50	23.9	<5	<5	<100	<20	<20	<20
GMW-62	07/29/08	Blaine Tech for Parsons	2400	1000	---	---	---	1300	33	160	109	<2.5	<2.5	<50	<10	<10	<10
GMW-62	10/15/08	Blaine Tech for Parsons	2800	---	---	---	180	1700	19	220	161	<5	<5	<100	<20	<20	<20
GMW-62	02/12/09	Blaine Tech for Parsons	3600	---	---	---	1600	1800	5.1	150	164	<5	<5	<100	<20	<20	<20
GMW-62	04/23/09	Blaine Tech for Parsons	1500	---	---	---	150	370	<2.5	25	5.2	<2.5	<2.5	<50	<10	<10	<10
GMW-62	07/21/09	Blaine Tech for AMEC GMX	1800	---	---	---	1100	1200	<2.5	67	36	<2.5	<2.5	<50	<10	<10	<10
GMW-62	10/21/09	Blaine Tech for DESC	2200	---	---	---	480	1700	<2.5	43	12.9	<2.5	<2.5	<50	<10	<10	<10
GMW-62	01/12/10	Blaine Tech for DESC	---	---	---	---	2200	3900	<10	22	30.4	100	<1	<200	<40	<40	<40
GMW-62	04/14/10	Blaine Tech for DESC	2400	---	---	---	430	1600	0.6	26	45	<0.50	<0.50	<10	<2	<2	<2
GMW-62	10/05/10	Blaine Tech for Parsons	6700	---	---	---	3400	1200	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-62	11/05/18	TSGS	8400	---	2600	---	---	1500	<10	12	910	<10	<20	<200	<40	<40	<40
GMW-62	04/15/19	TSGS	17000	---	3100	---	---	2700	<5	660	2100	<5	<10	<100	<20	<20	<20
GMW-62	10/28/19	SGI	1500	---	7800	---	---	14	<1.0	<1.0	25.2	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-62	05/04/20	SGI	2200	---	130000	---	---	160	<1.0	59	201	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-63	10/15/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	02/12/09	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	04/23/09	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	07/21/09	Blaine Tech for AMEC GMX	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	10/22/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	01/12/10	Blaine Tech for DESC	---	---	---	---	<100	0.39 J	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	04/14/10	Blaine Tech for DESC	---	---	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-63	10/05/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-63	01/10/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	04/12/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	07/11/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	10/12/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	01/09/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	04/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	07/09/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	10/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	01/14/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	04/09/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	10/07/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	04/15/14	Parsons	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	12/17/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-63	04/20/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-63	10/21/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-63	04/11/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	10/03/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	04/17/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	10/02/17	TSGS	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	10/25/17	TSGS	---	---	440	---	---	---	---	---	---	---	---	---	---	---	---
GMW-63	04/16/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	11/05/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	04/15/19	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	10/28/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-63	05/04/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	10/15/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	02/12/09	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/23/09	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	07/21/09	Blaine Tech for AMEC GMX	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	10/21/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	01/12/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/14/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	10/05/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-64	01/10/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/12/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	07/11/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	10/12/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	01/09/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	07/09/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	10/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	01/14/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/09/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	10/07/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/15/14	Parsons	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	12/17/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-64	04/20/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-64	10/21/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-64	04/11/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-64	10/03/16	SGI	<100	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-64	04/17/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-64	10/02/17	TSGS	<100	---	220	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-64	10/25/17	TSGS	---	---	620	---	---	---	---	---	---	---	---	---	---	---	---
GMW-64	04/16/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-64	11/05/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-64	04/15/19	TSGS	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-64	10/28/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	05/04/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	10/22/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	01/12/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	04/14/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	10/05/10	Blaine Tech for Parsons	---	---	---	---	100	0.32 J	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-65	01/10/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	04/13/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	07/11/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	10/12/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	01/09/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	04/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	07/09/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	10/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	01/14/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	04/09/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	10/07/13	Parsons	<100	---	210 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	04/15/14	Parsons	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	12/17/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-65	04/20/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-65	10/21/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-65	04/11/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	10/03/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	04/17/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	10/02/17	TSGS	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	10/25/17	TSGS	---	---	320	---	---	---	---	---	---	---	---	---	---	---	---
GMW-65	04/16/18	TSGS	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	11/05/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	04/15/19	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	10/28/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	05/04/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66	10/22/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	04/19/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/06/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-66	04/12/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/12/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	04/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	04/08/13	Parsons	---	---	130 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/07/13	Parsons	<100	---	150 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	04/15/14	Parsons	<100	---	96 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/28/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-66R	04/13/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	10/04/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	04/18/17	SGI	<100	---	120	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-66R	10/04/17	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	04/17/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	11/05/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	04/16/19	TSGS	<100	---	<190	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	10/29/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66R	05/05/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	10/21/15	SGI	900	---	140	---	---	71	<0.50	110	82	<0.50	<2	<10	<2	<2	<2
GMW-67	04/11/16	SGI	310	---	<100	---	---	22	<0.50	73	6.8	<0.50	<1	<10	<2	<2	<2
GMW-67	10/03/16	SGI	<100	---	<100	---	---	4.2	<0.50	0.96	<1	<0.50	<1	<10	<2	<2	<2
GMW-67	04/17/17	SGI	<100	---	<100	---	---	2.5	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-67	10/02/17	TSGS	<100	---	520	---	---	2.6	<0.50	0.7	0.51	<0.50	<1	<10	<2	<2	<2
GMW-67	04/16/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-67	11/05/18	TSGS	<100	---	<100	---	---	0.5	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-67	04/15/19	TSGS	<100	---	230	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-67	10/28/19	SGI	150	---	<100	---	---	0.75	<0.50	3.6	1.3	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	05/04/20	SGI	270	---	110	---	---	2.5	<0.50	5.6	8.9	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-68	10/21/15	SGI	17000	---	810	---	---	2200	46	800	3700	<10	<40	<200	<40	<40	<40
GMW-68	04/11/16	SGI	15000	---	810	---	---	2300	17	1200	4700	<10	<20	<200	<40	<40	<40
GMW-69	10/21/15	SGI	2900	---	330	---	---	350	<5	400	380	<5	<20	<100	<20	<20	<20
GMW-69	04/11/16	SGI	2400	---	350	---	---	230	<2.5	390	360	<2.5	<5	<50	<10	<10	<10
GMW-69	10/03/16	SGI	1600	---	210	---	---	240	<2.5	290	190	<2.5	<5	<50	<10	<10	<10
GMW-69	04/17/17	SGI	740	---	150	---	---	84	<1	140	16	<1	<2	<20	<4	<4	<4
GMW-69	10/02/17	TSGS	2100	---	380	---	---	220	<1	210	120	<1	<2	<20	<4	<4	<4
GMW-69	10/25/17	TSGS	---	---	830	---	---	870	4.8	950	1000	<2.5	<5	<50	<10	<10	<10
GMW-69	04/16/18	TSGS	3600	---	530	---	---	370	<5	300	93	<5	<10	<100	<20	<20	<20
GMW-69	11/05/18	TSGS	1300	---	720	---	---	190	<5	<5	<10	<5	<10	<100	<20	<20	<20
GMW-69	04/15/19	TSGS	130	---	230	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-69	10/28/19	SGI	710	---	180	---	---	58	<0.50	33	22	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-69	05/04/20	SGI	1300	---	490	---	---	140	<0.50	5.8	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-O-1	11/21/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	0.53	<5	---	---	---	---
GMW-O-1	07/09/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	0.85	<5	---	---	---	---
GMW-O-1	01/06/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-1	05/20/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-O-1	08/24/98	Geomatrix	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	11/04/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/02/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
GMW-O-1	08/10/99	Alton Geoscience	<500	---	<1000	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
GMW-O-1	11/17/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	08/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.5	<0.50	---	---	---	---
GMW-O-1	11/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/05/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	11/06/01	Secor	<300	<100	---	---	---	11	<0.50	0.7	0.6	0.5	<0.50	---	---	---	---
GMW-O-1	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	07/30/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	10/24/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	01/28/03	Secor	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	10/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	01/29/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	07/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	11/04/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	---	---	---	---
GMW-O-1	08/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/28/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	09/20/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	12/08/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	03/12/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	08/28/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/20/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	08/13/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	10/17/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/23/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
GMW-O-1	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	07/20/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/20/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	03/15/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	07/12/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/05/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	01/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	07/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/10/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	01/09/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	07/10/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	01/14/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/21/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	03/14/16	CH2M	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	06/29/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	08/22/16	CH2M	<50	---	100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/04/16	CH2M	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	11/01/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	05/06/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	11/21/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	12	<5	---	---	---	---
GMW-O-2	07/09/97	Terra Services	<100	---	<500	---	---	<0.50	0.5	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-2	01/07/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	13	<5	---	---	---	---
GMW-O-2	05/20/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	14	<0.50	---	---	---	---
GMW-O-2	11/11/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	05/05/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-2	11/16/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	---	---	---	---
GMW-O-2	11/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---
GMW-O-2	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	11	<0.50	---	---	---	---
GMW-O-2	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---
GMW-O-2	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	07/30/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	10/24/02	Secor	<300	460	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	01/15/03	Geomatrix	<300	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-2	01/28/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.1	<0.50	---	---	---	---
GMW-O-2	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1	<0.50	---	---	---	---
GMW-O-2	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	10/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	01/29/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	07/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	11/04/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	02/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	5	<0.50	---	---	---	---
GMW-O-2	08/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	02/28/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	09/20/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	12/08/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	03/12/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	05/03/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	08/28/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	02/20/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	08/13/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	10/16/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	02/23/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
GMW-O-2	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	07/21/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/20/09	Blaine Tech for Parsons	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	03/16/10	Blaine Tech for Parsons	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	07/13/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/05/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	01/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	07/12/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/10/11	CH2M Hill	<50	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	01/09/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	07/10/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	01/14/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/21/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	03/14/16	CH2M	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	06/29/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/20/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	05/06/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	11/27/96	Terra Services	---	---	---	---	---	2900	1000	1200	1950	<10	260	---	---	---	---
GMW-O-3	07/14/97	Terra Services	14000	---	1300	---	---	1500	410	700	1200	<10	<100	---	---	---	---
GMW-O-3	01/09/98	Terra Services	3200	---	720	---	---	930	55	390	599	38	<50	---	---	---	---
GMW-O-3	05/26/98	Terra Services	5400	---	---	---	---	850	20	170	140	<5	<5	---	---	---	---
GMW-O-3	08/26/98	Geomatrix	3290	1710	---	---	---	329	31	140	300	<2.5	<2.5	---	---	---	---
GMW-O-3	11/17/98	Alton Geoscience	4800	5810	---	---	---	1500	<100	350	400	<100	<100	---	---	---	---
GMW-O-3	02/03/99	Alton Geoscience	3800	---	<500	---	---	250	<2.5	34	17	<5	<2.5	---	---	---	---
GMW-O-3	05/07/99	Alton Geoscience	2900	---	<500	---	---	170	1.2	3.4	5.3	<1	<0.50	---	---	---	---
GMW-O-3	08/10/99	Alton Geoscience	<500	---	<1000	---	---	56	1.6	2.3	<1	1.2	<1	---	---	---	---
GMW-O-3	11/17/99	Secor	340	<100	---	---	---	15	0.5	1.9	1.9	<0.50	<0.50	---	---	---	---
GMW-O-3	02/29/00	Secor	<300	170	---	---	---	12	<0.50	1.2	1.1	<0.50	<0.50	---	---	---	---
GMW-O-3	05/17/00	Secor	1800	1000	---	---	---	290	32	33	180	<0.50	<0.50	---	---	---	---
GMW-O-3	08/29/00	Secor	580	3600	---	---	---	130	2.5	13	23	<0.50	<0.50	---	---	---	---
GMW-O-3	11/28/00	Secor	1500	820	---	---	---	350	13	43	93.1	<0.50	<0.50	---	---	---	---
GMW-O-3	02/05/01	Secor	1800	770	---	---	---	420	26	40	55	<10	<10	---	---	---	---
GMW-O-3	05/10/01	Secor	2000	560	---	---	---	380	4.5	32	42	<2.5	<2.5	---	---	---	---
GMW-O-3	09/19/01	Secor	840	360	---	---	---	230	<2.5	17	11	<2.5	<2.5	---	---	---	---
GMW-O-3	11/07/01	IT Corporation	520	<100	---	---	---	120	<2.5	7.2	6	<2.5	<2.5	---	---	---	---
GMW-O-3	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	04/09/02	Secor	1200	<100	---	---	---	260	2.6	13	9.8	<0.50	<0.50	---	---	---	---
GMW-O-3	07/30/02	IT Corporation	380	250	---	---	---	150	1.6	5.1	4.6	<0.50	<0.50	---	---	---	---
GMW-O-3	10/24/02	Secor	310	120	---	---	---	79	0.65	1.9	1.2	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	01/15/03	Geomatrix	<300	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-3	01/28/03	Secor	550	160	---	---	---	140	3	9.1	14.2	<0.50	<0.50	---	---	---	---
GMW-O-3	04/08/03	Secor	660	200	---	---	---	170	1.6	9.2	<1	<2	<1	---	---	---	---
GMW-O-3	07/30/03	Secor	830	140	---	---	---	200	2	18	8.2	<3	<1.5	---	---	---	---
GMW-O-3	10/08/03	Secor	660	280	---	---	---	96	0.74	9.6	1.4	<1	<0.50	---	---	---	---
GMW-O-3	01/29/04	Secor	850	160	---	---	---	120	0.63	3	0.72	<1	<0.50	---	---	---	---
GMW-O-3	04/20/04	Secor	<50	130	---	---	---	65	<0.50	<0.50	0.56	<0.50	<0.50	---	---	---	---
GMW-O-3	07/20/04	Secor	370	<100	---	---	---	29	<0.50	1.4	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	11/04/04	Secor	850	190	---	---	---	71	<0.50	2.7	<0.50	<1	<0.50	---	---	---	---
GMW-O-3	02/03/05	Secor	210	<100	---	---	---	16	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	05/04/05	Secor	380	<100	---	---	---	32	0.67	2.1	4.6	<0.50	<0.50	---	---	---	---
GMW-O-3	08/03/05	Secor	1000	490	---	---	---	4.4	1.1	110	<1	<2	<1	---	---	---	---
GMW-O-3	11/01/05	Secor	1300	560	---	---	---	35	2.3	67	50	<1	<0.50	---	---	---	---
GMW-O-3	02/28/06	Secor	640	320	---	---	---	26	<0.50	7.1	6	<0.50	<0.50	---	---	---	---
GMW-O-3	05/04/06	Secor	400	250	---	---	---	19	<0.50	0.71	1.2	<0.50	<0.50	---	---	---	---
GMW-O-3	09/19/06	Secor	110	<100	---	---	---	0.71	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	12/08/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	03/13/07	Secor	51	<100	---	---	---	<0.50	<0.50	1.1	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	05/03/07	Secor	72	<100	---	---	---	<0.50	<0.50	0.64	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	08/28/07	Secor	65	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	11/14/07	Secor	170	<100	---	---	---	3.1	<0.50	9.7	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	02/07/08	Secor	96	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	04/15/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	08/14/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	10/16/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	02/23/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
GMW-O-3	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	07/21/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/20/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	03/15/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	07/12/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/05/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	01/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	07/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/10/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	01/09/12	CH2M Hill	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	07/10/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	01/15/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	03/14/16	CH2M	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	06/29/16	CH2M	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	08/22/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/20/17	CH2M	260	---	<50	---	---	1.3	<0.50	1.9	2.6	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/18/18	CHHL	110	---	110	---	---	<0.50	<0.50	2.6	6.3	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	11/07/18	CHHL	450	---	<50	---	---	2.2	3	25	100	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/17/19	CHHL	140	---	<50	---	---	<0.50	<0.50	2.3	6.9	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	05/06/20	Jacobs	60	---	<50	---	---	<0.50	<0.50	3.0	3.7	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	11/22/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-4	07/09/97	Terra Services	<100	---	<500	---	---	<0.50	1.9	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-4	01/02/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-4	05/21/98	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	0.7	---	---	---	---
GMW-O-4	11/12/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-4	11/16/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/17/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	10/24/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	10/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/04/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/04/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/03/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/15/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	04/15/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	10/15/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/20/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/05/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	03/14/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/13/16	CH2M	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	06/29/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	08/23/16	CH2M	<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	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/20/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	05/06/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4 (MID)	11/22/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-4 (MID)	07/09/97	Terra Services	<100	---	<500	---	---	<0.50	0.99	<0.50	<0.10	<0.50	<5	---	---	---	---
GMW-O-4 (MID)	01/02/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-4 (MID)	05/21/98	Terra Services	<300	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-4 (MID)	11/04/98	Alton Geoscience	<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	Alton Geoscience	<500	---	<500	---	---	---	---	---	---	<1	---	---	---	---	---
GMW-O-4 (MID)	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	11/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	10/24/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	10/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	11/04/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	05/04/05	Secor	<50	220	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	05/04/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	05/03/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	11/15/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	04/15/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	10/15/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	10/20/09	Blaine Tech for Parsons	<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	Blaine Tech	<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	Blaine Tech	<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	Blaine Tech	<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	CH2M Hill	<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	CH2M Hill	<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	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	11/22/96	Terra Services	---	---	---	---	---	11	5.7	9.2	32.1	<0.50	<5	---	---	---	---
GMW-O-5	07/09/97	Terra Services	<100	---	<500	---	---	<0.50	1.9	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-5	01/07/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	15	---	---	---	---
GMW-O-5	05/21/98	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-O-5	08/24/98	Geomatrix	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/04/98	Alton Geoscience	---	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-5	11/04/98	Alton Geoscience	<300	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	02/03/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	05/05/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-5	08/10/99	Alton Geoscience	<500	---	<1000	---	---	2.3	4.4	<1	2.9	<0.50	<1	---	---	---	---
GMW-O-5	11/16/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	02/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	08/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	02/05/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	10/24/02	Secor	<300	2300	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	01/15/03	Geomatrix	<300	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-5	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	10/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/04/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	05/03/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/15/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	10/15/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/20/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/04/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	03/14/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	06/29/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/20/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	05/06/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-6	11/22/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-6	07/09/97	Terra Services	<100	---	<500	---	---	<0.50	0.9	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-6	01/02/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-6	05/21/98	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-O-6	11/04/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	05/05/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-6	11/17/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	11/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	---	---	---	---
GMW-O-6	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	10/24/02	Secor	<300	190	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	10/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-6	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-6	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-6	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-7	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-8	10/24/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	2.4	---	---	---	---
GMW-O-8	01/16/03	Geomatrix	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	10/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	11/04/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	05/04/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	12/08/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	10/16/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/05/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	11/22/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	46	<5	---	---	---	---
GMW-O-9	07/10/97	Terra Services	<100	---	<500	---	---	<0.50	3.6	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-9	01/07/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-9	05/21/98	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<0.60	12	<0.50	---	---	---	---
GMW-O-9	11/16/98	Alton Geoscience	<300	<100	---	---	---	3	7	1	6	5.8	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	05/05/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-9	11/17/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	<0.50	---	---	---	---
GMW-O-9	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	72	<0.50	---	---	---	---
GMW-O-9	11/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	53	<0.50	---	---	---	---
GMW-O-9	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	87	<0.50	---	---	---	---
GMW-O-9	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	53	<0.50	---	---	---	---
GMW-O-9	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-9	10/24/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	35	<0.50	---	---	---	---
GMW-O-9	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	50	<0.50	---	---	---	---
GMW-O-9	10/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	35	<0.50	---	---	---	---
GMW-O-9	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	15	<0.50	---	---	---	---
GMW-O-9	11/04/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	9.9	<0.50	---	---	---	---
GMW-O-9	05/06/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	61	<0.50	---	---	---	---
GMW-O-9	11/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-9	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.8	<0.50	---	---	---	---
GMW-O-9	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	<0.50	---	---	---	---
GMW-O-9	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-9	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	5.9	<0.50	---	---	---	---
GMW-O-9	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-9	10/17/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-9	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/20/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/05/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/16/14	CH2M Hill	<50	---	<50	---	---	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/22/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	03/15/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/13/16	CH2M	<50	---	59	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	06/29/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	08/22/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/20/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	3.3	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	11/01/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	05/06/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	11/26/96	Terra Services	---	---	---	---	---	450	18	37	21.8	81	1300	---	---	---	---
GMW-O-10	07/14/97	Terra Services	17000	---	900	---	---	4200	2800	650	1600	<30	890	---	---	---	---
GMW-O-10	01/09/98	Terra Services	25000	---	12000	---	---	3900	2800	510	1470	<10	1200	---	---	---	---
GMW-O-10	05/27/98	Terra Services	<300	---	---	---	---	1	<0.50	<0.50	0.8	<0.50	1	---	---	---	---
GMW-O-10	11/16/98	Alton Geoscience	6840	297	---	---	---	2900	540	320	310	<13	2000	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	05/07/99	Alton Geoscience	<500	---	<500	---	---	6.2	<0.50	0.61	<0.50	<1	0.64	---	---	---	---
GMW-O-10	11/16/99	Secor	32000	27000	---	---	---	8300	5700	860	2640	<25	2600	---	---	---	---
GMW-O-10	05/17/00	Secor	18000	32000	---	---	---	4500	3300	450	1420	<25	1300	---	---	---	---
GMW-O-10	11/29/00	Secor	18000	10000	---	---	---	4200	2900	430	1260	<25	1400	---	---	---	---
GMW-O-10	05/10/01	Secor	7900	4600	---	---	---	2400	810	150	280	<10	950	---	---	---	---
GMW-O-10	11/07/01	IT Corporation	8100	1300	---	---	---	1200	120	<10	540	<10	1100	---	---	---	---
GMW-O-10	04/11/02	Secor	960	1000	---	---	---	190	18	5.1	157	10	610	---	---	---	---
GMW-O-10	10/24/02	Secor	2000	2500	---	---	---	270	27	<5	60	<5	290	---	---	---	---
GMW-O-10	04/10/03	Secor	13000	1900	---	---	---	3600	370	460	780	<50	520	---	---	---	---
GMW-O-10	08/01/03	Secor	5800	1600	---	---	---	2600	220	320	460	20	580	---	---	---	---
GMW-O-10	10/08/03	Secor	4900	940	---	---	---	1500	240	160	275	24	460	---	---	---	---
GMW-O-10	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-10	11/04/04	Secor	8900	1200	---	---	---	3900	85	400	409	<30	590	---	---	---	---
GMW-O-10	05/06/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-10	11/02/05	Secor	52	<100	---	---	---	19	0.5	<0.50	<0.50	1	10	---	---	---	---
GMW-O-10	05/05/06	Secor	12000	850	---	---	---	4100	1800	380	640	<50	160	---	---	---	---
GMW-O-10	12/07/06	Secor	8900	810	---	---	---	4000	470	320	310	<50	190	---	---	---	---
GMW-O-10	05/04/07	Secor	3800	260	---	---	---	1600	10	<10	120	<20	160	---	---	---	---
GMW-O-10	11/14/07	Secor	12000	600	---	---	---	5100	54	340	325	<50	190	---	---	---	---
GMW-O-10	04/18/08	Secor	1300	130	---	---	---	680	<5	14	11	<10	23	---	---	---	---
GMW-O-10	08/14/08	Secor	1600	160	---	---	---	820	5.3	31	42	<10	<5	---	---	---	---
GMW-O-10	10/21/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.58	---	---	---	---
GMW-O-10	04/22/09	Blaine Tech for AMEC GMX	180	<100	---	---	---	37	<0.50	<0.50	<0.50	<0.50	1.2	<10	<1	<1	<1
GMW-O-10	10/22/09	Blaine Tech for Parsons	99	<100	---	---	---	6.9	<0.50	<0.50	<0.50	<0.50	0.77	<10	<1	<1	<1
GMW-O-10	05/27/10	Blaine Tech	370	<100	---	---	---	77	1.2	<0.50	<0.50	<1	0.87	<10	<1	<1	<1
GMW-O-10	10/07/10	Blaine Tech	380	<100	---	---	---	42	1.2	0.51	<0.50	<0.50	0.79	<10	<1	<1	<1
GMW-O-10	04/13/11	Blaine Tech	270	140	---	---	---	39	1	<0.50	<0.50	<0.50	0.77	<10	<1	<1	<1
GMW-O-10	10/13/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/19/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/19/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/11/13	CH2M Hill	110	---	<50	---	---	0.54	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/11/13	CH2M Hill	75	---	64	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/17/14	CH2M Hill	140	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/30/14	CH2M Hill	110	---	51	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/23/15	CH2M Hill	160	---	150	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/26/15	CH2M	160	---	180	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	03/15/16	CH2M	91	---	75	---	---	16	<0.50	3.4	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/14/16	CH2M	910	---	89	---	---	430	12	16	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-O-10	06/29/16	CH2M	87	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	08/23/16	CH2M	<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	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/21/17	CH2M	<50	---	52	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/04/17	CHHL	73	---	<50	---	---	28	<0.50	<0.50	<0.50	6.3	<0.50	<10	<1	<1	<1
GMW-O-10	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	8.8	<0.50	<10	<1	<1	<1
GMW-O-10	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1	<0.50	<10	<1	<1	<1
GMW-O-10	04/19/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7	<0.50	<10	<1	<1	<1
GMW-O-10	11/01/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	11	<0.50	<10	1.2	<1.0	<1.0
GMW-O-10	05/06/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-11	10/04/10	Blaine Tech	10000	2100	---	---	---	4200	220	89	170	<30	160	560	32	<30	<30
GMW-O-12	10/05/10	Blaine Tech	23000	<99000	---	---	---	12000	<50	<50	<50	<100	71	<1000	<100	<100	<100
GMW-O-12	04/14/11	Blaine Tech	16000	120000	---	---	---	7300	<25	<25	<25	<50	25	<500	<50	<50	<50

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-12	10/13/11	CH2M Hill	20000	390000	---	---	---	11000	<100	<100	<100	<200	<100	<2000	<200	<200	<200
GMW-O-12	04/20/12	CH2M Hill	29000	---	260000	---	---	12000	<50	<50	<50	<100	<50	<1000	<100	<100	<100
GMW-O-12	10/19/12	CH2M Hill	12000	---	120000	---	---	4700	<25	<25	<25	<50	<25	<500	<50	<50	<50
GMW-O-12	04/12/13	CH2M Hill	34000	---	160000	---	---	13000	<100	<100	<100	<200	<100	<2000	<200	<200	<200
GMW-O-12	10/11/13	CH2M Hill	30000	---	73000	---	---	13000	<63	<63	<63	<130	<63	<1300	<130	<130	<130
GMW-O-14	11/27/96	Terra Services	88000	---	74000	---	---	4500	3200	520	2600	440	<300	---	---	---	---
GMW-O-14	07/17/97	Terra Services	160000	---	610000	---	---	7600	4900	2200	43000	<500	<5000	---	---	---	---
GMW-O-14	01/09/98	Terra Services	33000	---	780000	---	---	7200	4500	510	2300	<30	<300	---	---	---	---
GMW-O-14	05/27/98	Terra Services	3500	---	---	---	---	330	<2.5	80	88	<2.5	<0.50	---	---	---	---
GMW-O-14	11/17/98	Alton Geoscience	---	117000	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-14	11/17/98	Alton Geoscience	3850	---	---	---	---	5000	3840	1040	4510	<100	<100	---	---	---	---
GMW-O-14	05/07/99	Alton Geoscience	23000	---	54000	---	---	5100	3400	650	2800	<50	<20	---	---	---	---
GMW-O-14	11/18/99	Secor	26000	23000	---	---	---	5900	4100	780	2500	<50	<50	---	---	---	---
GMW-O-14	05/17/00	Secor	10000	9300	---	---	---	2300	630	370	820	<50	<100	---	---	---	---
GMW-O-14	11/29/00	Secor	42000	59000	---	---	---	8800	5000	1200	4400	<50	<50	---	---	---	---
GMW-O-14	05/10/01	Secor	5200	17000	---	---	---	100	34	96	237	<1	<1	---	---	---	---
GMW-O-14	11/07/01	IT Corporation	15000	20000	---	---	---	3900	890	640	1280	<1	<2	---	---	---	---
GMW-O-14	04/09/02	Secor	38000	13000	---	---	---	7400	2700	990	3200	<13	24	---	---	---	---
GMW-O-14	07/30/02	IT Corporation	11000	24000	---	---	---	4900	2300	550	1890	<13	14	---	---	---	---
GMW-O-14	10/24/02	Secor	26000	29000	---	---	---	7100	3500	970	3500	<25	<25	---	---	---	---
GMW-O-14	01/28/03	Secor	39000	47000	---	---	---	12000	8400	1500	5600	<25	38	---	---	---	---
GMW-O-14	03/12/03	Geomatrix	1500	710	---	---	---	760	72	66	115	<2.5	14	---	---	---	---
GMW-O-14	04/09/03	Secor	33000	27000	---	---	---	5100	2900	990	3300	<40	<20	---	---	---	---
GMW-O-14	07/30/03	Secor	20000	12000	---	---	---	3100	1900	790	3200	74	<15	---	---	---	---
GMW-O-14	10/09/03	Secor	43000	18000	---	---	---	8700	4200	1300	5300	180	<50	---	---	---	---
GMW-O-14	01/29/04	Secor	55000	19000	---	---	---	13000	6900	1400	5600	240	<50	---	---	---	---
GMW-O-14	04/20/04	Secor	54000	32000	---	---	---	11000	5700	1500	6100	170	<50	---	---	---	---
GMW-O-14	07/20/04	Secor	72000	18000	---	---	---	13000	8200	1700	7400	200	<50	---	---	---	---
GMW-O-14	11/04/04	Secor	41000	23000	---	---	---	9000	7000	1300	5500	<200	<100	---	---	---	---
GMW-O-14	02/03/05	Secor	34000	4600	---	---	---	8600	2300	950	3100	69	34	---	---	---	---
GMW-O-14	05/04/05	Secor	420	680	---	---	---	11	1.6	18	18.8	6.5	<0.50	---	---	---	---
GMW-O-14	08/03/05	Secor	15000	11000	---	---	---	160	600	290	1840	<10	<5	---	---	---	---
GMW-O-14	11/02/05	Secor	14000	14000	---	---	---	320	350	160	2690	<40	<20	---	---	---	---
GMW-O-14	02/28/06	Secor	8200	12000	---	---	---	860	87	18	1020	15	<5	---	---	---	---
GMW-O-14	05/05/06	Secor	6700	9600	---	---	---	1500	77	<10	450	35	<10	---	---	---	---
GMW-O-14	09/20/06	Secor	6900	4200	---	---	---	1400	250	39	640	30	<10	---	---	---	---
GMW-O-14	12/07/06	Secor	9000	17000	---	---	---	1400	150	27	501	36	<10	---	---	---	---
GMW-O-14	03/12/07	Secor	4700	1300	---	---	---	1000	180	26	400	23	<5	---	---	---	---
GMW-O-14	05/04/07	Secor	8200	3300	---	---	---	1700	330	48	570	44	<10	---	---	---	---
GMW-O-14	08/28/07	Secor	12000	6200	---	---	---	75	110	200	1000	<5	<2.5	---	---	---	---
GMW-O-14	11/15/07	Secor	16000	74000	---	---	---	320	300	520	2470	<20	<10	---	---	---	---
GMW-O-14	02/20/08	Secor	35000	7700	---	---	---	7900	1900	1200	3400	<100	<50	---	---	---	---
GMW-O-14	04/15/08	Secor	26000	31000	---	---	---	4900	1800	840	2800	59	<25	---	---	---	---
GMW-O-14	08/14/08	Secor	25000	44000	---	---	---	4300	1100	730	2800	70	<25	---	---	---	---
GMW-O-14	10/16/08	Stantec	21000	12000	---	---	---	3200	940	500	3000	<30	<15	---	---	---	---
GMW-O-14	02/23/09	Blaine Tech	30000	12000	---	---	---	6100	3500	1200	3900	77	<25	<500	---	---	---
GMW-O-14	04/22/09	Blaine Tech for AMEC GMX	36000	8300	---	---	---	9300	2300	1300	3500	120	<50	<1000	170	<100	<100
GMW-O-14	07/22/09	Blaine Tech	32000	12000	---	---	---	7800	1900	1500	4100	86	<25	<500	130	<50	<50
GMW-O-14	10/23/09	Blaine Tech for Parsons	40000	21000	---	---	---	14000	1900	1500	3500	<200	<100	<2000	<200	<200	<200
GMW-O-14	03/16/10	Blaine Tech for Parsons	57000	24000	---	---	---	14000	6200	1700	4700	<200	<100	<2000	310	<200	<200
GMW-O-14	05/28/10	Blaine Tech	26000	7400	---	---	---	7900	1500	370	2180	110	<25	<500	180	<50	<50

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	07/14/10	Blaine Tech	22000	6700	---	---	---	7900	420	77	1500	100	<50	<1000	130	<100	<100
GMW-O-14	10/07/10	Blaine Tech	16000	3200	---	---	---	5900	200	220	680	<100	<50	<1000	<100	<100	<100
GMW-O-14	01/11/11	Blaine Tech	49000	11000	---	---	---	12000	5500	1400	2700	120	<50	<1000	190	<100	<100
GMW-O-14	04/13/11	Blaine Tech	26000	9800	---	---	---	8200	470	680	2300	<100	<50	<1000	160	<100	<100
GMW-O-14	07/12/11	CH2M Hill	12000	5500	---	---	---	3800	50	<25	1800	<50	<25	<500	<50	<50	<50
GMW-O-14	10/12/11	CH2M Hill	16000	3400	---	---	---	4000	55	<25	2500	<50	<25	<500	<50	<50	<50
GMW-O-14	01/09/12	CH2M Hill	38000	11000	---	---	---	9000	2200	1200	4300	<200	<100	<2000	<200	<200	<200
GMW-O-14	04/20/12	CH2M Hill	47000	---	2500	---	---	11000	1100	1500	5000	<100	<50	<1000	170	<100	<100
GMW-O-14	07/10/12	CH2M Hill	48000	---	390	---	---	12000	3500	1200	3700	<100	<50	<1000	270	<100	<100
GMW-O-14	10/18/12	CH2M Hill	15000	---	2700	---	---	2600	1100	520	1800	<50	<25	<500	70	<50	<50
GMW-O-14	01/15/13	CH2M Hill	7700	---	8300	---	---	1200	72	420	1300	<20	<10	<200	25	<20	<20
GMW-O-14	04/11/13	CH2M Hill	27000	---	3700	---	---	6900	200	1800	2300	61	<25	<500	180	<50	<50
GMW-O-14	10/11/13	CH2M Hill	54000	---	3000	---	---	14000	760	2200	3000	<130	64	<1300	260	<130	<130
GMW-O-14	04/16/14	CH2M Hill	32000	---	1900	---	---	9700	130	1500	1500	<200	<100	<2000	<200	<200	<200
GMW-O-14	10/31/14	CH2M Hill	19000	---	1300	---	---	6600	50	730	350	<50	<25	<500	200	<50	<50
GMW-O-14	04/23/15	CH2M Hill	15000	---	1100	---	---	6900	59	530	92	<50	26	2000	220	<50	<50
GMW-O-14	10/26/15	CH2M	24000	---	890	---	---	12000	<100	570	<100	<200	<100	<2000	220	<200	<200
GMW-O-14	03/15/16	CH2M	21000	---	440	---	---	11000	<50	240	250	<100	<50	<1000	240	<100	<100
GMW-O-14	04/15/16	CH2M	3200	---	930	---	---	1300	<10	<10	<10	<20	13	<200	100	<20	<20
GMW-O-14	06/29/16	CH2M	13000	---	430	---	---	6300	80	270	200	<40	30	<400	230	<40	<40
GMW-O-14	08/23/16	CH2M	6000	---	380	---	---	3100	18	36	46	13	19	150	130	<60	12
GMW-O-14	10/07/16	CH2M	30000	---	640	---	---	12000	72	390	290	<100	<50	<1000	220	<100	<100
GMW-O-14	04/21/17	CH2M	250	---	620	---	---	0.59	<0.50	0.82	2.4	3.7	3.5	15	30	<1	<1
GMW-O-14	10/06/17	CHHL	13000	---	2300	---	---	5700	140	190	150	<50	<25	<500	190	<50	<50
GMW-O-14	04/20/18	CHHL	1400	---	1900	---	---	640	<4	<4	4.1	<8	11	<80	130	<8	<8
GMW-O-14	11/09/18	CHHL	8600	---	620	---	---	5100	<40	<40	<40	<80	<40	<800	150	<80	<80
GMW-O-14	04/18/19	CHHL	1000 J	---	290	---	---	310 J	<1	2.1 J	<1	3 J	6.1	46	73	<2	<2
GMW-O-14	11/01/19	Jacobs	28000	---	1300	---	---	13,000	88	520	500	<100	<50	<1000	190	<100	<100
GMW-O-14	05/06/20	Jacobs	1300	---	940	---	---	320	2.5	<2.0	6.6	<4.0	3.4	44	69	<4.0	<4.0
GMW-O-15	10/16/08	Stantec	1700	2800	---	---	---	550	3	37	34.1	<5	110	---	---	---	---
GMW-O-15	03/16/10	Blaine Tech for Parsons	530	8900	---	---	---	10	1.1	0.64	2.7	<0.50	400	<10	<1	<1	1.9
GMW-O-15	04/16/10	Blaine Tech	6700	62000	---	---	---	1700	54	120	176	<10	1300	1800	<10	<10	11
GMW-O-15	05/25/10	Blaine Tech	650	5600	---	---	---	82	16	8.4	44	<2	180	1500	<2	<2	<2
GMW-O-15	07/13/10	Blaine Tech	580	250	---	---	---	110	7.5	11	27	<1	300	5100	<1	<1	1.5
GMW-O-15	08/12/10	Blaine Tech	710	370	---	---	---	120	4.1	10	34	<1	260	5300	<1	<1	1.5
GMW-O-15	09/20/10	Blaine Tech	620	500	---	---	---	120	3.3	13	24	<1	230	6000	<1	<1	1.4
GMW-O-15	10/05/10	Blaine Tech	14000	6000	---	---	---	1800	280	92	760	<20	3200	3000	<20	<20	35
GMW-O-15	11/23/10	Blaine Tech	1800	7700	---	---	---	<1	4.1	4.4	33	<2	<1	<20	<2	<2	<2
GMW-O-15	12/22/10	Blaine Tech	28000	19000	---	---	---	3900	610	850	3000	<40	1900	1300	<40	<40	<40
GMW-O-15	01/12/11	Blaine Tech	12000	15000	---	---	---	1300	49	280	700	<20	430	12000	<20	<20	<20
GMW-O-15	02/24/11	Blaine Tech	12000	10000	---	---	---	700	450	310	1300	<10	970	4100	<10	<10	20
GMW-O-15	03/23/11	Blaine Tech	2400	4300	---	---	---	210	47	39	190	<2	310	3600	<2	<2	5.2
GMW-O-15	04/29/11	Blaine Tech	1200	1500	---	---	---	250	27	27	154	<2	350	3900	<2	<2	2.4
GMW-O-15	05/13/11	Blaine Tech	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	CH2M Hill	1000	970	---	---	---	150	17	14	97	<2	220	6400	<2	<2	<2
GMW-O-15	08/19/11	CH2M Hill	33000	550000	---	---	---	820	2200	610	4400	<50	290	9200	<50	<50	<50
GMW-O-15	09/22/11	CH2M Hill	3400	1000	---	---	---	480	290	58	320	<5	640	6800	<5	<5	10
GMW-O-15	10/13/11	CH2M Hill	3900	1600	---	---	---	530	290	73	460	<10	220	3200	<10	<10	<10
GMW-O-15	12/21/11	CH2M Hill	520	570	---	---	---	110	1.5	5.7	22	<2	79	5300	<2	<2	<2
GMW-O-15	01/10/12	CH2M Hill	470	1200	---	---	---	110	1.3	6.9	15	<1	86	4300	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-15	02/23/12	CH2M HILL	4800	6900	---	---	---	340	390	85	600	<5	110	4000	<5	<5	17
GMW-O-15	03/28/12	CH2M HILL	1300	---	120	---	---	230	68	13	110	<2	99	4600	<2	<2	<2
GMW-O-15	04/27/12	CH2M Hill	2100	---	1300	---	---	180	67	16	160	<1	49	4300	<1	<1	1
GMW-O-15	05/25/12	CH2M HILL	110000	---	24000	---	---	320	270	420	3400	<100	190	<1000	<100	<100	100
GMW-O-15	07/11/12	CH2M Hill	17000	---	13000	---	---	6700	63	120	270	<100	1500	1600	<100	<100	<100
GMW-O-15	08/29/12	CH2M Hill	190	---	89	---	---	73	1.2	3.3	8.1	<0.50	22	5300	<1	<1	<1
GMW-O-15	09/26/12	CH2M Hill	220	---	<50	---	---	53	0.74	3.7	7.3	<0.50	17	2900	<1	<1	<1
GMW-O-15	10/18/12	CH2M Hill	210	---	140	---	---	50	<0.50	3.3	5.9	<1	13	2600	<1	<1	<1
GMW-O-15	11/29/12	CH2M Hill	380	---	75	---	---	140	1.3	3	6.4	<2	33	3900	<2	<2	<2
GMW-O-15	12/26/12	CH2M Hill	1400	---	110	---	---	100	23	3.4	20	<0.50	22	3900	<1	<1	<1
GMW-O-15	01/15/13	CH2M Hill	1200	---	<50	---	---	240	29	16	45	<3	52	3100	<3	<3	<3
GMW-O-15	02/20/13	CH2M Hill	230	---	<50	---	---	59	<0.50	2.5	3.2	<1	14	3100	<1	<1	<1
GMW-O-15	04/12/13	CH2M Hill	460	---	110	---	---	89	2.3	4.6	5.5	<1	36	3600	<1	<1	<1
GMW-O-15	10/11/13	CH2M Hill	56000	---	88000	---	---	7600	2300	750	4100	<100	8000	7100	<100	<100	<100
GMW-O-15	10/27/15	CH2M	120000	---	490000	---	---	12000	16000	2200	12000	<200	8800	<2000	<200	<200	210
GMW-O-15	04/14/16	CH2M	370000	---	82000	---	---	5700	15000	4600	36000	<200	2800	3400	<200	<200	<200
GMW-O-15	11/08/18	CHHL	11000	---	1600	---	---	140	67	30	1300	<10	650	2800	<10	<10	14
GMW-O-15	10/31/19	Jacobs	4400	---	6700	---	---	470	5.0	35	470	<8.0	530	5,900	<8.0	<8.0	18
GMW-O-15	05/08/20	Jacobs	9200	---	13000	---	---	1,600	9.6	140	650	<10	3,100	8,900	<10	<10	34
GMW-O-16	11/27/96	Terra Services	---	---	---	---	---	570	67	14	360	<5	120	---	---	---	---
GMW-O-16	07/17/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	310	---	---	---	---
GMW-O-16	01/06/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-16	05/20/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	76	---	---	---	---
GMW-O-16	11/13/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	---	---	---	---
GMW-O-16	05/07/99	Alton Geoscience	<500	---	<500	---	---	0.66	<0.50	<0.50	0.72	<1	7.6	---	---	---	---
GMW-O-16	11/18/99	Secor	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
GMW-O-16	11/30/00	Secor	<300	<100	---	---	---	0.8	<0.50	<0.50	<0.50	<0.50	0.6	---	---	---	---
GMW-O-16	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	10/22/02	Secor	<300	<100	---	---	---	1.6	0.98	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	10/07/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	04/22/04	Secor	<50	3600	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	07/20/04	Secor	---	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-16	11/02/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	05/05/05	Secor	92	<100	---	---	---	1.6	<0.50	<0.50	<0.50	<0.50	110	---	---	---	---
GMW-O-16	08/02/05	Secor	57	<100	---	---	---	1.3	<0.50	<0.50	<0.50	<0.50	93	---	---	---	---
GMW-O-16	11/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	57	---	---	---	---
GMW-O-16	02/28/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	5.3	---	---	---	---
GMW-O-16	05/04/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.3	---	---	---	---
GMW-O-16	09/19/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	---	---	---	---
GMW-O-16	12/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	05/05/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	11/14/07	Secor	<50	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	02/07/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	---	---	---	---
GMW-O-16	04/16/08	Secor	<50	<100	---	---	---	<0.50	1.2	0.59	5.5	<0.50	0.63	---	---	---	---
GMW-O-16	10/14/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	0.6	<0.50	0.65	---	---	---	---
GMW-O-16	04/23/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.55	<10	<1	<1	<1
GMW-O-16	10/21/09	Blaine Tech for Parsons	<50	250	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	03/16/10	Blaine Tech for Parsons	<50	140	---	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	04/16/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	05/26/10	Blaine Tech	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	<10	<1	<1	<1
GMW-O-16	07/13/10	Blaine Tech	<50	<100	---	---	---	0.73	<0.50	<0.50	<0.50	<0.50	1.9	<10	<1	<1	<1
GMW-O-16	08/12/10	Blaine Tech	<50	<100	---	---	---	0.5	<0.50	<0.50	<0.50	<0.50	2.3	<10	<1	<1	<1
GMW-O-16	09/20/10	Blaine Tech	<50	170	---	---	---	0.69	<0.50	<0.50	<0.50	<0.50	3.1	<10	<1	<1	<1
GMW-O-16	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
GMW-O-16	11/16/10	Blaine Tech	<50	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4	<10	<1	<1	<1
GMW-O-16	12/22/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<1	<1	<1
GMW-O-16	01/11/11	Blaine Tech	<50	<100	---	---	---	0.52	<0.50	<0.50	<0.50	<0.50	0.94	<10	<1	<1	<1
GMW-O-16	02/24/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<10	<1	<1	<1
GMW-O-16	03/23/11	Blaine Tech	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<10	<1	<1	<1
GMW-O-16	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
GMW-O-16	05/13/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	<10	<1	<1	<1
GMW-O-16	06/22/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	<10	<1	<1	<1
GMW-O-16	07/12/11	CH2M Hill	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	<10	<1	<1	<1
GMW-O-16	08/19/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1	<1	<1
GMW-O-16	09/22/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	<10	<1	<1	<1
GMW-O-16	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1	<1	<1
GMW-O-16	11/28/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
GMW-O-16	12/21/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	0.5	<0.50	1.8	<10	<1	<1	<1
GMW-O-16	01/09/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	1.4	<0.50	3.4	<10	<1	<1	<1
GMW-O-16	02/23/12	CH2M HILL	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	<10	<1	<1	<1
GMW-O-16	03/28/12	CH2M HILL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<1	<1	<1
GMW-O-16	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.79	<10	<1	<1	<1
GMW-O-16	05/25/12	CH2M HILL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	06/15/12	CH2M HILL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	07/10/12	CH2M Hill	<50	---	<50	---	---	2.5	1.1	<0.50	0.7	<0.50	0.57	<10	<1	<1	<1
GMW-O-16	08/29/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	09/26/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	0.89	<0.50	0.7	<10	<1	<1	<1
GMW-O-16	11/29/12	CH2M Hill	<50	---	83	---	---	<0.50	<0.50	<0.50	0.56	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	12/26/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1	<1	<1
GMW-O-16	01/15/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.95	<10	<1	<1	<1
GMW-O-16	02/20/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
GMW-O-16	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	24	<1	<1	<1
GMW-O-16	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/29/14	CH2M Hill	<50	---	<50	---	---	0.89	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/22/15	CH2M Hill	89	---	<50	---	---	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	22	<1	<1	<1
GMW-O-16	10/22/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/14/16	CH2M	<50	---	310	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/18/17	CH2M	66	---	<50	---	---	1.2	<0.50	<0.50	<0.50	<0.50	4	<10	<1	<1	<1
GMW-O-16	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/19/19	CHHL	<50	---	53	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/31/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	<10	<1.0	<1.0	<1.0
GMW-O-16	05/08/20	Jacobs	<50	---	51	---	---	<0.50	<0.50	<0.50	0.57	<0.50	0.81	<10	<1.0	<1.0	<1.0
GMW-O-17	11/22/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-17	07/10/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-17	01/07/98	Terra Services	<100	---	<500	---	---	<0.50	0.64	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-17	05/21/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-O-17	11/04/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/05/99	Alton Geoscience	<500	---	<500	---	---	0.64	<0.50	<0.50	<0.50	<1	0.58	---	---	---	---
GMW-O-17	11/16/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	11/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	10/24/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	10/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/03/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/13/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	26	<1	<1	<1
GMW-O-17	07/02/13	CH2M Hill	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/21/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/21/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/30/19	Jacobs	<50	---	93	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	05/06/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-18	11/26/96	Terra Services	---	---	---	---	---	<10	<10	<10	<30	<10	10000	---	---	---	---
GMW-O-18	07/11/97	Terra Services	<100	---	<500	---	---	<3	<3	<3	<3	<3	3000	---	---	---	---
GMW-O-18	01/07/98	Terra Services	<100	---	<500	---	---	<5	<5	<5	<15	<5	3200	---	---	---	---
GMW-O-18	05/21/98	Terra Services	2000	---	---	---	---	<100	<100	<100	<200	<100	5600	---	---	---	---
GMW-O-18	11/17/98	Alton Geoscience	543	<100	---	---	---	<0.50	1	<0.50	2.6	<0.50	1420	---	---	---	---
GMW-O-18	05/06/99	Alton Geoscience	2700	---	<500	---	---	<5	<5	<5	<5	<13	15000	---	---	---	---
GMW-O-18	11/18/99	Secor	2900	<100	---	---	---	<13	<12.5	<12.5	<12.5	<13	6700	---	---	---	---
GMW-O-18	05/19/00	Secor	3500	<100	---	---	---	<25	<25	<25	<25	<25	10000	---	---	---	---
GMW-O-18	11/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	---	---	---	---
GMW-O-18	05/09/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	---	---	---	---
GMW-O-18	12/07/06	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.65	---	---	---	---
GMW-O-18	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	---	---	---	---
GMW-O-18	11/15/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	---	---	---	---
GMW-O-18	04/15/08	Secor	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	10/15/08	Stantec	<200	<100	---	---	---	<1	<1	<1	<1	<2	<1	---	---	---	---
GMW-O-18	04/23/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	140	<1	<1	<1
GMW-O-18	10/21/09	Blaine Tech for Parsons	2400	680	---	---	---	170	440	17	410	<5	490	480	<5	<5	<5
GMW-O-18	03/16/10	Blaine Tech for Parsons	<50	<100	---	---	---	0.6	1.3	<0.50	1.77	<0.50	4.5	550	<1	<1	<1
GMW-O-18	04/16/10	Blaine Tech	1300	6600	---	---	---	0.67	<0.50	3.1	12.9	<0.50	1.2	2400	<1	<1	<1
GMW-O-18	05/25/10	Blaine Tech	110	540	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	2.9	6500	<1	<1	<1
GMW-O-18	07/14/10	Blaine Tech	110	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	11000	<1	<1	<1
GMW-O-18	08/12/10	Blaine Tech	220	<100	---	---	---	0.64	<0.50	<0.50	<0.50	<1	0.93	15000	<1	<1	<1
GMW-O-18	09/20/10	Blaine Tech	290	<100	---	---	---	1.1	<0.50	<0.50	0.55	<1	1.2	23000	<1	<1	<1
GMW-O-18	10/05/10	Blaine Tech	4000	<1100	---	---	---	1200	420	23	91	<10	670	2600	<10	<10	<10
GMW-O-18	11/16/10	Blaine Tech	<2000	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.53	21000	<1	<1	<1
GMW-O-18	01/12/11	Blaine Tech	<3000	130	---	---	---	<1	<1	<1	<1	<2	<1	29000	<2	<2	<2
GMW-O-18	02/24/11	Blaine Tech	1400	2100	---	---	---	60	31	19	85	<0.50	380	1600	<1	<1	3.9
GMW-O-18	03/25/11	Blaine Tech	110	230	---	---	---	6	1.4	1.1	6.3	<0.50	2.9	3300	<1	<1	<1
GMW-O-18	04/29/11	Blaine Tech	<50	120	---	---	---	3.7	<0.50	<0.50	1.7	<0.50	7.5	780	<1	<1	<1
GMW-O-18	05/13/11	Blaine Tech	<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	CH2M Hill	2600	12000	---	---	---	17	3.9	3.2	40	<2	85	61	<2	<2	<2
GMW-O-18	09/22/11	CH2M Hill	34000	64000	---	---	---	700	110	690	5300	<50	400	6100	<50	<50	54
GMW-O-18	10/14/11	CH2M Hill	6000	36000	---	---	---	190	13	36	100	<20	1600	6600	<20	<20	26
GMW-O-18	11/23/11	CH2M Hill	25000	150000	---	---	---	65	<10	51	<10	<20	310	6000	<20	<20	22
GMW-O-18	12/21/11	CH2M Hill	190	26000	---	---	---	<0.50	<0.50	<0.50	0.53	<0.50	70	1600	<1	<1	<1
GMW-O-18	01/10/12	CH2M Hill	570	1400	---	---	---	100	<0.50	5.3	3.9	<1	110	4800	<1	<1	2.2
GMW-O-18	02/23/12	CH2M HILL	180	140	---	---	---	8.8	6.8	0.84	7.8	<0.50	5.9	9200	<1	<1	<1
GMW-O-18	03/28/12	CH2M HILL	140	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	10000	<1	<1	<1
GMW-O-18	05/25/12	CH2M HILL	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	7700	<1	<1	<1
GMW-O-18	06/15/12	CH2M HILL	180	---	50	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.6	17000	<1	<1	<1
GMW-O-18	07/11/12	CH2M Hill	180	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	14000	<1	<1	<1
GMW-O-18	08/30/12	CH2M Hill	71	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	14000	<1	<1	<1
GMW-O-18	09/26/12	CH2M Hill	55	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8900	<1	<1	<1
GMW-O-18	10/30/12	CH2M Hill	110	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	11000	<1	<1	<1
GMW-O-18	11/29/12	CH2M Hill	110	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10000	<1	<1	<1
GMW-O-18	12/26/12	CH2M Hill	76	---	240	---	---	22	2.1	0.82	2.4	<0.50	5.5	850	<1	<1	<1
GMW-O-18	01/15/13	CH2M Hill	91	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8000	<1	<1	<1
GMW-O-18	04/12/13	CH2M Hill	<100	---	58	---	---	<0.50	0.51	<0.50	0.53	<1	<0.50	4000	<1	<1	<1
GMW-O-18	10/10/13	CH2M Hill	120	---	<50	---	---	2.2	1.1	<0.50	6	<0.50	<0.50	6000	<1	<1	<1
GMW-O-18	11/03/15	CH2M	2900	---	49000	---	---	62	150	39	230	<3	100	1800	<3	<3	<3
GMW-O-18	04/14/16	CH2M	11000000	---	5900000	---	---	53000	620000	310000	2300000	<10000	6000	<100000	<10000	<10000	<10000
GMW-O-18	04/18/19	CHHL	5600	---	5800	---	---	38	<2.5	290	37	<5	4.8	6400	<5	<5	<5
GMW-O-18	10/31/19	Jacobs	5900	---	10000	---	---	39	<2.5	3000	26	<5.0	12	3,400	<5.0	<5.0	<5.0
GMW-O-18	05/07/20	Jacobs	3400	---	5400	---	---	31	<1.0	300	8.6	<2.0	4.4	4,300	<2.0	<2.0	<2.0
GMW-O-19	11/25/96	Terra Services	---	---	---	---	---	<0.50	<0.87	2.8	5.1	<0.50	<5	---	---	---	---
GMW-O-19	07/16/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-19	01/06/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-19	05/20/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	2	---	---	---	---
GMW-O-19	11/12/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.51	---	---	---	---
GMW-O-19	11/18/99	Secor	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	---	---	---	---
GMW-O-19	05/17/00	Secor	<300	180	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	11/07/01	IT Corporation	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-19	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	04/09/03	Secor	<50	500	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	08/01/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	10/07/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	04/22/04	Secor	<50	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	07/20/04	Secor	---	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-19	11/02/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	05/05/05	Secor	510	110	---	---	---	110	<0.50	17	24.5	<1	150	---	---	---	---
GMW-O-19	08/02/05	Secor	160	<100	---	---	---	2.1	<0.50	1.2	<0.50	<0.50	19	---	---	---	---
GMW-O-19	11/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	02/28/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	05/04/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	12/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	05/05/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	11/15/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	04/16/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	10/14/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	04/23/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/20/09	Blaine Tech for Parsons	<50	<200	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	03/15/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/16/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	07/13/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	08/12/10	Blaine Tech	<50	<100	---	---	---	0.52	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	09/20/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/06/10	Blaine Tech	<50	340	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	11/16/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	12/22/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	01/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	02/24/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	03/23/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	05/13/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	06/22/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	07/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	08/19/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	09/22/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/11/11	CH2M Hill	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	11/28/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	12/21/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	01/10/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	02/23/12	CH2M HILL	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	03/28/12	CH2M HILL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	05/25/12	CH2M HILL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	06/15/12	CH2M HILL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	07/10/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	08/29/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	09/26/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	11/29/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	70	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-19	12/26/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	0.52	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	01/15/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	02/20/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/09/13	CH2M Hill	110	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/22/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/14/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/18/17	CH2M	52	---	<50	---	---	2.2	2.8	<0.50	11	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/19/19	CHHL	<50	---	530	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/31/19	Jacobs	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-19	05/08/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-20	10/05/10	Blaine Tech	46000	<150000	---	---	---	17000	390	680	2700	<200	<100	<2000	<200	<200	<200
GMW-O-20	04/13/11	Blaine Tech	42000	680000	---	---	---	12000	170	580	400	<200	<100	<2000	<200	<200	<200
GMW-O-20	10/13/11	CH2M Hill	34000	2000000	---	---	---	6300	460	240	850	<100	<50	<1000	<100	<100	<100
GMW-O-20	04/20/12	CH2M Hill	48000	---	230000	---	---	11000	520	350	2500	<100	<50	<1000	<100	<100	<100
GMW-O-20	10/19/12	CH2M Hill	36000	---	340000	---	---	6100	1000	360	2700	<50	<25	<500	<50	<50	<50
GMW-O-20	06/29/16	CH2M	23000	---	7500	---	---	6800	560	370	1300	<40	51	<400	<40	<40	<40
GMW-O-20	08/23/16	CH2M	13000	---	31000	---	---	2600	260	150	1300	1.6	27	79	5.8	<60	<60
GMW-O-20	10/07/16	CH2M	35000	---	95000	---	---	2700	930	230	4200	<40	38	<400	<40	<40	<40
GMW-O-20	04/21/17	CH2M	2900	---	5900	---	---	850	14	24	85	<10	24	<200	<10	<10	<10
GMW-O-20	10/06/17	CHHL	6500	---	21000	---	---	460	16	36	290	<4	7.4	<40	10	<4	<4
GMW-O-20	05/15/18	CHHL	82	---	340	---	---	2.7	<0.50	<0.50	3.2	<0.50	4.6	10	4.1	<1	<1
GMW-O-20	11/08/18	CHHL	1300	---	2700	---	---	86	3.6	2.7	31	<1	5.2	22	6.9	<1	<1
GMW-O-20	04/23/19	CHHL	1200	---	1400	---	---	240	7.2	27	59	<2	22	42	14	<2	<2
GMW-O-20	05/06/20	Jacobs	1600	---	5100	---	---	56	1.4	5.0	70	<1.0	3.8	110	5.1	<1.0	<1.0
GMW-O-21	10/07/03	Secor	47000	20000	---	---	---	15000	5200	500	3160	<100	5200	---	---	---	---
GMW-O-21	10/08/10	Blaine Tech	66000	8000	---	---	---	19000	8200	1200	3800	<200	<100	<2000	<200	<200	<200
GMW-O-21	04/29/11	Blaine Tech	18000	5300	---	---	---	7400	2400	190	1940	<50	95	<500	86	<50	<50
GMW-O-21	10/14/11	CH2M Hill	31000	6400	---	---	---	8300	4100	290	2400	<100	51	<1000	<100	<100	<100
GMW-O-21	04/19/12	CH2M Hill	32000	---	1200	---	---	11000	4400	230	3000	<100	<50	<1000	<100	<100	<100
GMW-O-21	10/19/12	CH2M Hill	1200	---	880	---	---	370	71	4.8	66	<2	3.2	96	8.7	<2	<2
GMW-O-21	10/07/16	CH2M	18000	---	2000	---	---	2900	21	280	1600	<40	<20	<400	<40	<40	<40
GMW-O-21	04/21/17	CH2M	3100	---	1100	---	---	55	5.7	11	180	<2	<1	<20	<2	<2	<2
GMW-O-21	10/06/17	CHHL	9700	---	750	---	---	4300	<20	22	<20	<40	<20	<400	52	<40	<40
GMW-O-21	04/20/18	CHHL	2000	---	2100	---	---	1000	6.8	8.9	<5	<10	<5	<100	15	<10	<10
GMW-O-21	11/09/18	CHHL	<8000	---	2400	---	---	4300	<40	<40	<40	<80	<40	<800	<80	<80	<80
GMW-O-21	04/18/19	CHHL	140	---	64	---	---	14	0.64	0.72	<0.50	<0.50	5.9	13	15	<1	<1
GMW-O-21	11/01/19	Jacobs	7600	---	1100	---	---	3,900	12	120	79	<20	<10	<200	32	<20	<20
GMW-O-21	05/06/20	Jacobs	<50	---	64	---	---	<0.50	<0.50	<0.50	0.54	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-23	10/08/10	Blaine Tech	120000	25000	---	---	---	22000	21000	1800	8100	<200	2600	<2000	<200	<200	<200
GMW-O-23	04/13/11	Blaine Tech	75000	12000	---	---	---	15000	13000	850	5800	<200	1700	<2000	<200	<200	<200
GMW-O-23	10/13/11	CH2M Hill	65000	7200	---	---	---	16000	11000	540	3800	<200	1500	<2000	<200	<200	<200
GMW-O-23	10/19/12	CH2M Hill	29000	---	31000	---	---	7000	5000	130	1900	<100	400	<1000	<100	<100	<100
GMW-O-23	06/29/16	CH2M	17000	---	120000	---	---	250	89	88	1700	<10	20	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-23	08/23/16	CH2M	8700	---	160000	---	---	81	13	16	620	0.26	8.2	81	0.47	<20	<20
GMW-O-23	10/07/16	CH2M	2800	---	170000	---	---	15	<4	9.3	110	<8	5	<80	<8	<8	<8
GMW-O-23	04/21/17	CH2M	1600	---	1300	---	---	11	3.6	1.6	220	<2	4	<20	3.5	<2	<2
GMW-O-23	10/06/17	CHHL	<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	CHHL	110	---	1200	---	---	0.99	<0.50	<0.50	<0.50	<1	5.6	120	30	<1	<1
GMW-O-23	11/08/18	CHHL	78	---	1500	---	---	0.59 J	<0.50	<0.50	<0.50	<0.50	1.2	30 J	13	<1	<1
GMW-O-23	04/18/19	CHHL	<100	---	1500	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.94	140	27	<1	<1
GMW-O-23	05/06/20	Jacobs	<100	---	660	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	1.5	41	25	<1.0	<1.0
GMW-O-24	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.99	<10	<1	<1	<1
GMW-O-24	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.2	<10	<1	<1	<1
GMW-O-24	10/23/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<10	<1	<1	<1
GMW-O-24	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	04/23/15	CH2M Hill	<50	---	74	---	---	0.7	<0.50	<0.50	0.97	<0.50	0.5	20	<1	<1	<1
GMW-O-24	06/30/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<1	<1	<1
GMW-O-24	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	04/21/17	CH2M	<50	---	<50	---	---	0.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	04/18/18	CHHL	<50	---	59	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	11/25/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	5.8	<0.50	<5	---	---	---	---
GMW-SF-7	07/11/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	8.7	---	---	---	---
GMW-SF-7	01/02/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-SF-7	05/19/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-SF-7	11/11/98	Alton Geoscience	<300	<100	---	---	---	0.96	<0.50	<0.50	1.3	<0.50	<0.50	---	---	---	---
GMW-SF-7	05/07/99	Alton Geoscience	<500	---	<500	---	---	1	4.1	<0.50	1.8	<1	1.3	4.1	---	---	---
GMW-SF-7	11/18/99	Secor	350	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	200	---	---	---	---
GMW-SF-7	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	11/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	02/01/02	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	---	---	---	---
GMW-SF-7	10/22/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.5	---	---	---	---
GMW-SF-7	01/29/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.1	---	---	---	---
GMW-SF-7	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.73	---	---	---	---
GMW-SF-7	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	10/06/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	01/28/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	32	---	---	---	---
GMW-SF-7	07/19/04	Secor	550	<100	---	---	---	<1	<1	<1	<1	<2	680	---	---	---	---
GMW-SF-7	11/02/04	Secor	220	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	340	---	---	---	---
GMW-SF-7	02/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	08/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	02/27/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	05/02/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	09/18/06	Secor	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	12/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	03/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	05/05/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	08/30/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	11/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	04/16/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	10/14/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	1.1	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	81	<1	<1	<1
GMW-SF-7	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/29/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-7	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	11/22/96	Terra Services	<100	---	<500	---	---	4.5	<1	<1	<3	<1	920	---	---	---	---
GMW-SF-8	07/11/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	140	---	---	---	---
GMW-SF-8	01/06/98	Terra Services	<100	---	<500	---	---	4.1	<0.50	<0.50	<1.5	<0.50	450	---	---	---	---
GMW-SF-8	05/22/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<1	0.9	---	---	---	---
GMW-SF-8	11/12/98	Alton Geoscience	<300	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	40	---	---	---	---
GMW-SF-8	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	4.8	---	---	---	---
GMW-SF-8	11/18/99	Secor	660	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	800	---	---	---	---
GMW-SF-8	05/17/00	Secor	<300	250	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	42	---	---	---	---
GMW-SF-8	11/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	220	---	---	---	---
GMW-SF-8	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	20	---	---	---	---
GMW-SF-8	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	260	---	---	---	---
GMW-SF-8	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.8	---	---	---	---
GMW-SF-8	10/22/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	5.2	---	---	---	---
GMW-SF-8	01/29/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	---	---	---	---
GMW-SF-8	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.5	---	---	---	---
GMW-SF-8	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	10/06/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	01/27/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	07/19/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	11/03/04	Secor	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	02/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	08/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	02/27/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	05/02/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	09/18/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-SF-8	12/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	04/16/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	10/14/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	04/23/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/22/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/19/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/29/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-9	09/24/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	9.2	---	---	---	---
GMW-SF-9	10/10/03	Geomatrix	79	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	14	---	---	---	---
GMW-SF-9	10/07/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-9	04/13/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-9	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	40	<1	<1	<1
GMW-SF-9	10/12/11	CH2M Hill	<100	1300	---	---	---	1.5	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
GMW-SF-9	04/19/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	110	<1	<1	<1
GMW-SF-9	10/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	270	<1	<1	<1
GMW-SF-10	09/24/03	Secor	90	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	210	---	---	---	---
GMW-SF-10	10/10/03	Geomatrix	100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	120	---	---	---	---
GMW-SF-10	10/07/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-10	04/14/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-10	10/12/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-10	04/19/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-10	10/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GW-1	10/17/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.84	2.3	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	08/03/09	Blaine Tech for AMEC GMX	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-1	04/29/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	4.7	<2	<10	<2	<2	<2
GW-1	10/21/15	SGI	<100	---	<100	---	---	2.3	<0.50	4.2	15	4.9	<2	<10	<2	<2	<2
GW-1	10/05/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	9.1	<1	<10	<2	<2	<2
GW-1	04/19/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.8	<1	<10	<2	<2	<2
GW-2	01/12/10	Blaine Tech for DESC	<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	Blaine Tech for Parsons	180	---	---	---	800	18	---	---	---	4.6	1.4	21	---	---	---
GW-2	04/19/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4	0.6	<10	<2	<2	<2
GW-2	07/10/12	Parsons	---	---	---	---	110	2.4	<0.50	<0.50	0.24	6.2	0.69	10	0.79 J	<2	<2
GW-2	04/11/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	11	1.2	<10	0.46 J	<2	<2
GW-2	10/07/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	4.3	0.55	<10	<2	<2	<2
GW-2	04/15/14	Parsons	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	3.3	0.51	<10	<2	<2	<2
GW-2	11/03/14	SGI	1800	---	230	---	---	31	4	65	350	2.5	<2	<10	<2	<2	<2
GW-2	04/21/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	2.4	<2	<10	<2	<2	<2
GW-2	10/22/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.1	<2	<10	<2	<2	<2
GW-2	04/12/16	SGI	<100	---	<100	---	---	1	<0.50	1.9	6.1	1.2	<1	<10	<2	<2	<2
GW-2	10/05/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.6	<1	<10	<2	<2	<2
GW-2	04/19/17	SGI	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	0.5	<1	<10	<2	<2	<2
GW-2	10/05/17	TSGS	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	1.9	<1	<10	<2	<2	<2
GW-2	04/19/18	TSGS	<100	---	190	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-2	11/08/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	0.51	<1	<10	<2	<2	<2
GW-2	04/18/19	TSGS	<100	---	260	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.4	<10	<2	<2	<2
GW-2	11/05/19	SGI	<100	---	240	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-2	05/07/20	SGI	<100	---	270	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	04/11/03	GTI	---	134	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GW-3	10/11/03	Blaine Tech for Parsons	---	300	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	---	---	---	---
GW-3	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<2	<2	<2
GW-3	11/04/04	Blaine Tech for Parsons	---	3900	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	05/10/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	05/03/06	Blaine Tech for Parsons	---	200	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	12/06/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	05/03/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	11/14/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	04/17/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	10/16/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	04/24/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	17	<2	<2	<2
GW-3	10/22/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	04/15/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	18	<2	<2	<2
GW-3	04/11/13	Parsons	---	---	120	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	9.6 J	<2	<2	<2
GW-3	10/07/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	04/15/14	Parsons	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	10/27/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-3	04/21/15	SGI	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-3	10/23/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-3	04/12/16	SGI	<100	---	<100	---	---	1	<0.50	2.2	6.9	<0.50	<1	<10	<2	<2	<2
GW-3	10/05/16	SGI	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-3	04/19/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-3	10/02/17	TSGS	<100	---	290	---	---	2.4	<0.50	6	2	<0.50	<1	<10	<2	<2	<2
GW-3	10/25/17	TSGS	---	---	240	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-3	04/19/18	TSGS	<100	---	170	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-3	11/08/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-3	04/17/19	TSGS	<100	---	<100J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-3	10/29/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	05/04/20	SGI	<100	---	140	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-4	04/24/15	SGI	<100	---	270	---	---	<0.50	<0.50	<0.50	<1	<0.50	2.6	<10	<2	<2	<2
GW-4	10/22/15	SGI	<100	---	4100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-4	10/10/16	SGI	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-6	11/06/98	GTI	339	<100	---	---	---	9.3	1.1	8.4	6.6	<0.50	<0.50	---	---	---	---
GW-6	05/27/99	GTI	<300	<100	---	---	---	62	<0.50	12	<0.50	<0.50	<0.50	---	---	---	---
GW-6	11/18/99	IT Corporation	690	930	---	---	---	90	<1	80	<0.50	<0.50	<0.50	---	---	---	---
GW-6	05/17/00	IT Corporation	<300	160	---	---	---	1.7	<0.50	2.5	<0.50	<0.50	19	---	---	---	---
GW-6	12/01/00	IT Corporation	<300	180	---	---	---	3.7	<0.50	1.6	<0.50	<0.50	21	---	---	---	---
GW-6	05/10/01	IT Corporation	<300	140	---	---	---	0.7	<0.50	<0.50	<0.50	<0.50	23	---	---	---	---
GW-6	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	21	---	---	---	---
GW-6	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	9.6	---	---	---	---
GW-6	04/11/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GW-6	10/10/03	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.71	---	---	---	---
GW-6	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	11/04/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	05/10/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	05/05/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	05/02/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	04/17/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	10/15/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	04/21/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<2	<2	<2
GW-6	10/22/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	<10	<2	<2	<2
GW-6	04/13/10	Blaine Tech for DESC	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<2	<2	<2
GW-6	10/05/10	Blaine Tech for Parsons	---	---	---	---	110	<0.50	---	---	---	<0.50	1.1	4.7 J	---	---	---
GW-6	10/12/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<2	<2	<2
GW-6	04/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<10	<2	<2	<2
GW-6	10/19/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<10	<2	<2	<2
GW-6	04/10/13	Parsons	---	---	130 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	<10	<2	<2	<2
GW-6	10/08/13	Parsons	<100	---	180 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	12	<2	<2	<2
GW-6	04/15/14	Parsons	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	10/27/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-6	04/21/15	SGI	<100	---	250	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.1	25	<2	<2	<2
GW-6	10/05/16	SGI	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.4	<10	<2	<2	<2
GW-6	04/19/17	SGI	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-6	10/05/17	TSGS	<100	---	230	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.9	<10	<2	<2	<2
GW-6	04/18/18	TSGS	<100	---	180	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.7	<10	<2	<2	<2
GW-6	11/08/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-6	04/17/19	TSGS	<100	---	410 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.6	<10	<2	<2	<2
GW-6	11/05/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-6	05/05/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-7	04/12/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	---	---	---	---
GW-7	04/22/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-7	10/11/16	SGI	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-7	04/19/17	SGI	<100	---	270	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	10/09/13	Parsons	<100	---	190 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-8	04/18/14	Parsons	<100	---	100 HD	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-8	10/28/14	SGI	<100	---	180	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-8	04/24/15	SGI	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-8	10/22/15	SGI	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-8	10/07/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	04/18/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	10/03/17	TSGS	<100	---	150	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	04/18/18	TSGS	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	11/09/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	04/16/19	TSGS	<100	---	100 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	11/05/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-8	05/05/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-13(1")	11/15/07	Blaine Tech for Parsons	---	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	0.94	3.5	20	<2	<2	<2
GW-13(6")	05/03/07	Blaine Tech for Parsons	---	2800	---	---	---	<0.50	<0.50	<0.50	<0.50	0.83	5.3	31	<2	<2	<2
GW-13(6")	04/17/08	Blaine Tech for Parsons	230	1300	---	---	---	<0.50	<0.50	<0.50	<0.50	0.99	4.4	28	<2	<2	<2
GW-13(6")	04/24/09	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	14	11	<10	2.1	<2	<2
GW-13(6")	01/12/10	Blaine Tech for DESC	<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	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	7.4	12	16	1.5 J	<2	<2
GW-13(6")	10/08/10	Blaine Tech for Parsons	<100	---	---	---	120	<0.50	---	---	---	5	11	24	---	---	---
GW-13(6")	04/22/11	Blaine Tech for Parsons	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	3.7	6.8	16	0.72 J	<2	<2
GW-13(6")	04/18/12	Parsons	<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	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.6	0.78	<10	<2	<2	<2
GW-13(6")	04/10/13	Parsons	<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	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	2.4	0.92	<10	<2	<2	<2
GW-13(6")	04/16/14	Parsons	<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	SGI	1500	---	170	---	---	9.4	2.4	53	280	7.6	<2	<10	<2	<2	<2
GW-13(6")	04/21/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	8.5	<2	<10	<2	<2	<2
GW-13(6")	10/22/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	6.2	<2	<10	<2	<2	<2
GW-13(6")	04/12/16	SGI	<100	---	<100	---	---	0.57	<0.50	1.6	5.4	6.6	<1	<10	<2	<2	<2
GW-13(6")	10/05/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	8.1	<1	<10	<2	<2	<2
GW-13(6")	04/19/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.7	<1	<10	<2	<2	<2
GW-13(6")	10/05/17	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.4	<1	<10	<2	<2	<2
GW-13(6")	04/19/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	4.1	1.6	<10	<2	<2	<2
GW-13(6")	11/08/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.6	<1	<10	<2	<2	<2
GW-13(6")	04/18/19	TSGS	<100	---	380	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.4	<10	<2	<2	<2
GW-13(6")	11/05/19	SGI	<100	---	430	---	---	<0.50	<0.50	<0.50	<1.0	0.87	1.6	23	<2.0	<2.0	<2.0
GW-13(6")	05/11/20	SGI	<100	---	150	---	---	<0.50	<0.50	<0.50	<1.0	0.66	<1.2	<10	<2.0	<2.0	<2.0
GW-14(1")	11/15/07	Blaine Tech for Parsons	---	950	---	---	---	35	<0.50	14	3.94	<0.50	18	20	<2	<2	<2
GW-14(1")	04/18/08	Blaine Tech for Parsons	900	1000	---	---	---	78	<0.50	<0.50	2.25	<0.50	18	13	<2	<2	<2
GW-14(1")	10/22/09	Blaine Tech for DESC	110	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-14(1")	01/13/10	Blaine Tech for DESC	950	---	---	---	---	2100	62	0.35 J	1	1.4	<0.50	17	18	<2	<2
GW-14(6")	05/03/07	Blaine Tech for Parsons	---	4000	---	---	---	200	5.2	220	900	---	39	---	---	---	---
GW-14(6")	10/16/08	Blaine Tech for Parsons	820	---	---	---	---	2700	40	<0.50	2.1	1	<0.50	22	16	<2	<2
GW-14(6")	04/24/09	Blaine Tech for Parsons	690	---	---	---	---	1600	66	<0.50	0.99	0.64	<0.50	13	14	<2	<2
GW-14(6")	04/15/11	Blaine Tech for Parsons	---	---	---	---	---	2600	---	---	---	---	---	---	---	---	---
GW-14(6")	04/22/11	Blaine Tech for Parsons	---	---	---	---	---	76	<0.50	9.4	9.01	<0.50	17	7.8 J	<2	<2	0.87 J
GW-14(6")	04/20/12	Parsons	1800 b	---	---	---	---	1300	19	<0.50	14	6.46	<0.50	8.5	<10	<2	<2
GW-14(6")	07/10/12	Parsons	---	---	---	---	---	2200	18	<0.50	16	10.6	<0.50	8.2	5.1 J	<2	<2
GW-14(6")	04/12/13	Parsons	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	Parsons	1600 HD	---	3400 HD	---	---	48	<0.50	7.3	1.15	<0.50	15	<10	<2	<2	<2
GW-14(6")	04/17/14	Parsons	2200 HD	---	7700 HD	---	---	32	<0.50	8.4	1.22	<0.50	11	64	<2	<2	<2
GW-14(6")	10/31/14	SGI	1700	---	3200	---	---	160	<0.50	1.1	0.62	<0.50	20	20	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-15(6")	05/03/07	Blaine Tech for Parsons	8500	1600	---	---	---	1100	1000	130	570	<0.50	<0.50	<10	<2	<2	<2
GW-15(6")	11/03/14	SGI	32000	---	11000	---	---	2700	78	1100	5100	<10	<40	<200	<40	<40	<40
GW-15(6")	04/21/15	SGI	7700	---	2100	---	---	250	<10	150	850	<10	<40	<200	<40	<40	<40
GW-15(6")	10/26/15	SGI	7500	---	38000	---	---	350	<2.5	120	660	<2.5	<10	<50	<10	<10	<10
GW-15(6")	10/11/16	SGI	8700	---	24000	---	---	730	<2.5	<2.5	<5	<2.5	<5	<50	<10	<10	<10
GW-15(6")	10/09/17	TSGS	990	---	610	---	---	550	<5	<5	10	<5	<10	<100	<20	<20	<20
GW-15(6")	04/23/18	TSGS	640	---	360	---	---	340	<5	<5	<10	<5	<10	<100	<20	<20	<20
GW-15(6")	11/15/18	TSGS	<100	---	<100	---	---	11	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-15(6")	04/18/19	TSGS	190	---	350	---	---	50	2.4	0.84	11	<0.50	<1	<10	<2	<2	<2
GW-15(6")	11/06/19	SGI	<100	---	140	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	05/07/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	10/23/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-16(6")	01/13/10	Blaine Tech for DESC	<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	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	2.6	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-16(6")	10/08/10	Blaine Tech for Parsons	<100	---	---	---	<100	1.7	---	---	---	<0.50	<0.50	5.5 J	---	---	---
GW-16(6")	04/12/11	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	76	<2	<2	<2
GW-16(6")	10/09/13	Parsons	<100	---	1300 HD	---	---	1	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-16(6")	04/17/14	Parsons	<100	---	<98	---	---	4.7	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-16(6")	11/03/14	SGI	2500	---	250	---	---	58	6	88	470	<0.50	<2	<10	<2	<2	<2
GW-16(6")	04/21/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-16(6")	10/21/15	SGI	100	---	<100	---	---	7.1	<0.50	7.4	26	<0.50	<2	<10	<2	<2	<2
GW-16(6")	04/13/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	2.3	<0.50	<1	<10	<2	<2	<2
GW-16(6")	10/04/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-16(6")	04/18/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-16(6")	10/03/17	TSGS	<100	---	<100	---	---	2.2	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-16(6")	04/17/18	TSGS	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-16(6")	11/09/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-16(6")	04/16/19	TSGS	<100	---	<100J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-16(6")	10/30/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	05/05/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GWR-1	11/26/96	Terra Services	---	---	---	---	---	1500	21	150	102	<5	2700	---	---	---	---
GWR-1	07/16/97	Terra Services	1300	---	920	---	---	220	<5	360	28.8	<5	1800	---	---	---	---
GWR-1	01/09/98	Terra Services	210	---	<500	---	---	2.9	<0.50	40	240	<0.50	330	---	---	---	---
GWR-1	05/27/98	Terra Services	4100	---	---	---	---	960	90	90	240	<0.50	630	---	---	---	---
GWR-1	11/17/98	Alton Geoscience	3830	3320	---	---	---	1200	74	99	387	<25	1070	---	---	---	---
GWR-1	05/07/99	Alton Geoscience	4200	---	530	---	---	1600	22	96	290	<13	910	---	---	---	---
GWR-1	11/18/99	Secor	1300	800	---	---	---	220	<10	14	14	<10	690	---	---	---	---
GWR-1	05/16/00	Secor	880	1400	---	---	---	160	<10	16	16	6.1	550	---	---	---	---
GWR-1	11/30/00	Secor	3200	5300	---	---	---	1600	8.6	87	33	<0.50	360	---	---	---	---
GWR-1	05/08/01	Secor	4400	6900	---	---	---	1800	170	160	235	<10	370	---	---	---	---
GWR-1	11/06/01	Secor	2300	710	---	---	---	240	13	31	56	<0.50	2400	---	---	---	---
GWR-1	04/09/02	Secor	2500	1000	---	---	---	580	<10	18	57	<10	4000	---	---	---	---
GWR-1	10/23/02	Secor	1900	1900	---	---	---	270	<10	<10	<10	<10	2500	---	---	---	---
GWR-1	10/07/03	Secor	1400	500	---	---	---	150	1.7	7.5	19.7	110	1300	---	---	---	---
GWR-1	05/06/05	Secor	16000	39000	---	---	---	260	610	460	2060	<5	11	---	---	---	---
GWR-1	08/01/05	Secor	8300	3800	---	---	---	1700	490	370	1110	<20	25	---	---	---	---
GWR-1	05/04/06	Secor	3700	1900	---	---	---	980	23	120	343	<10	19	---	---	---	---
GWR-1	09/18/06	Secor	960	880	---	---	---	220	4.4	19	63.6	<2	5.4	---	---	---	---
GWR-1	05/02/07	Secor	750	720	---	---	---	170	1.3	12	<1	<2	4.1	---	---	---	---
GWR-1	04/17/08	Secor	3600	1500	---	---	---	1700	17	87	60	<30	21	---	---	---	---
GWR-1	04/20/09	Blaine Tech for AMEC GMX	5100	1700	---	---	---	3000	<15	48	<15	<30	31	<300	30	<30	<30

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	05/27/10	Blaine Tech	2100	1100	---	---	---	800	9.5	16	34	<10	23	<100	27	<10	<10
GWR-1	04/13/11	Blaine Tech	1300	2300	---	---	---	490	43	31	54	<5	4.1	160	5.2	<5	<5
GWR-1	04/20/12	CH2M Hill	450	---	230	---	---	84	<1	4.8	<1	<2	3.4	<20	4.9	<2	<2
GWR-1	10/18/12	CH2M Hill	440	---	240	---	---	140	2.2	<1.5	1.5	<3	8.6	68	15	<3	<3
GWR-1	04/11/13	CH2M Hill	<500	---	330	---	---	<2.5	<2.5	<2.5	<2.5	<5	9.1	68	13	<5	<5
GWR-1	10/11/13	CH2M Hill	<200	---	220	---	---	<1	<1	<1	<1	<2	6.7	120	12	<2	<2
GWR-1	04/17/14	CH2M Hill	130	---	90	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.6	180	10	<1	<1
GWR-1	10/30/14	CH2M Hill	<100	---	1000	---	---	<0.50	<0.50	<0.50	<0.50	<1	8.9	54	5.3	<1	<1
GWR-1R	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.72	<0.50	93	4.7	<1	<1
GWR-1R	10/05/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.96	<0.50	76	5.2	<1	<1
GWR-1R	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	0.52	90	5.7	<1	<1
GWR-1R	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	61	3.3	<1	<1
GWR-1R	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1	<0.50	28	1.4	<1	<1
GWR-1R	11/01/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	<1.0	<1.0	<1.0
GWR-1R	05/11/20	Jacobs	<50	---	52	---	---	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<1.0	<1.0	<1.0
GWR-3	10/08/10	Blaine Tech	21000	<29000	---	---	---	10000	<100	<100	<100	<200	400	<2000	<200	<200	<200
GWR-3	04/13/11	Blaine Tech	25000	36000	---	---	---	11000	<50	<50	<50	<100	300	<1000	<100	<100	<100
GWR-3	10/13/11	CH2M Hill	<20000	6600	---	---	---	9100	<100	<100	<100	<200	280	<2000	<200	<200	<200
HL-2	11/27/96	Terra Services	---	---	---	---	---	2600	100	560	390	170	3000	---	---	---	---
HL-2	07/16/97	Terra Services	1400	---	530	---	---	200	1.2	150	13.3	74	810	---	---	---	---
HL-2	01/09/98	Terra Services	150	---	---	---	---	<0.50	0.79	3.5	<1.5	40	570	---	---	---	---
HL-2	01/12/98	Terra Services	---	---	<500	---	---	---	---	---	---	---	---	---	---	---	---
HL-2	05/27/98	Terra Services	500	---	---	---	---	72	9	6	42	60	308	---	---	---	---
HL-2	11/17/98	Alton Geoscience	<300	<100	---	---	---	0.95	<0.50	<0.50	0.6	0.94	13.8	---	---	---	---
HL-2	05/07/99	Alton Geoscience	<500	---	<500	---	---	1.8	5.1	<0.50	1.8	<1	4.8	---	---	---	---
HL-2	11/19/99	Secor	<300	<100	---	---	---	2	<0.50	<0.50	<0.50	2.6	36	---	---	---	---
HL-2	05/16/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.4	14	---	---	---	---
HL-2	11/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.2	---	---	---	---
HL-2	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.3	---	---	---	---
HL-2	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
HL-2	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-2	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	---	---	---	---
HL-2	07/08/03	Geomatrix	---	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
HL-2	10/07/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.96	---	---	---	---
HL-2	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.9	---	---	---	---
HL-2	07/08/04	Geomatrix	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	---	---	---	---
HL-2	05/06/05	Secor	280	<100	---	---	---	78	<0.50	<0.50	1.2	15	130	---	---	---	---
HL-2	11/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.8	---	---	---	---
HL-2	05/09/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
HL-2	12/06/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-2	05/02/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-2	11/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-2	04/17/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	---	---	---	---
HL-2	10/17/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-2	04/20/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	<10	<1	<1	<1
HL-2	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/17/12	CH2M Hill	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.58	<10	<1	<1	<1
HL-2	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	0.61	<0.50	0.88	<10	<1	<1	<1
HL-2	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/13/16	CH2M	<50	---	63	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/05/17	CHHL	<50	---	270	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/19/18	CHHL	<50	---	72	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	11/01/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	05/12/20	Jacobs	<50	---	52	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	05/10/01	Secor	<300	300	---	---	---	<0.50	<0.50	<0.50	<0.50	1.4	110	---	---	---	---
HL-3	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	93	---	---	---	---
HL-3	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.1	77	---	---	---	---
HL-3	10/23/02	Secor	<300	360	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	85	---	---	---	---
HL-3	10/07/03	Secor	80	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	67	---	---	---	---
HL-3	05/06/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-3	05/03/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-3	05/02/07	Secor	81	290	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	38	---	---	---	---
HL-3	04/17/08	Secor	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.7	---	---	---	---
HL-3	04/20/09	Blaine Tech for AMEC GMX	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<10	<1	<1	<1
HL-3	05/27/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	10/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/16/14	CH2M Hill	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	10/30/14	CH2M Hill	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
HL-3	04/22/15	CH2M Hill	<50	---	70	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	<10	<1	<1	<1
HL-3	10/23/15	CH2M	<50	---	60	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	03/14/16	CH2M	130	---	130	---	---	1.1	2.8	7.1	27	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/13/16	CH2M	<50	---	100	---	---	<0.50	<0.50	0.8	3	<0.50	<0.50	<10	<1	<1	<1
HL-3	06/29/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.58	<10	<1	<1	<1
HL-3	10/06/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	10/05/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	11/09/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-4	11/25/96	Terra Services	---	---	---	---	---	<10	3.2	350	8.5	<3	1200	---	---	---	---
HL-4	07/16/97	Terra Services	270	---	<500	---	---	76	<1	<1	16.5	33	1500	---	---	---	---
HL-4	01/08/98	Terra Services	590	---	660	---	---	170	13	7.1	5	90	2300	---	---	---	---
HL-4	05/27/98	Terra Services	1100	---	---	---	---	156	26	15	120	28	440	---	---	---	---
HL-4	11/17/98	Alton Geoscience	2030	1380	---	---	---	700	76.2	20	107.8	<0.50	904	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-4	05/07/99	Alton Geoscience	2800	---	<500	---	---	1100	31	130	84	<6	1500	---	---	---	---
HL-4	11/18/99	Secor	2500	1100	---	---	---	720	<10	<10	118	<10	520	---	---	---	---
HL-4	05/16/00	Secor	1200	1000	---	---	---	300	<10	<10	29	51	740	---	---	---	---
HL-4	11/29/00	Secor	1900	1200	---	---	---	26	<10	<10	<10	89	2800	---	---	---	---
HL-4	05/08/01	Secor	1700	1100	---	---	---	39	<0.50	0.5	1.7	27	3300	---	---	---	---
HL-4	11/06/01	Secor	950	140	---	---	---	97	<0.50	<0.50	0.9	<0.50	930	---	---	---	---
HL-4	04/09/02	Secor	1600	230	---	---	---	940	<5	<5	35	<5	200	---	---	---	---
HL-4	10/23/02	Secor	<300	320	---	---	---	8.5	<5	<5	<5	<5	1100	---	---	---	---
HL-4	04/08/03	Secor	1500	<100	---	---	---	2.8	<2.5	<2.5	<2.5	36	2200	---	---	---	---
HL-4	10/07/03	Secor	690	110	---	---	---	140	<1	<1	<1	<2	480	---	---	---	---
HL-4	04/21/04	Secor	340	<100	---	---	---	39	<0.50	<0.50	<0.50	<1	370	---	---	---	---
HL-4	11/03/04	Secor	200	120	---	---	---	54	<0.50	<0.50	<0.50	<0.50	13	---	---	---	---
HL-5	07/14/97	Terra Services	950	---	3200	---	---	---	---	---	---	---	---	---	---	---	---
HP-1	08/07/97	GTI	---	---	---	170	---	<5	<5	<5	<10	<5	<5	---	---	---	---
HP-2	08/07/97	GTI	---	---	---	130	---	<5	<5	<5	<10	<5	<5	---	---	---	---
HP-3	08/07/97	GTI	---	---	---	<50	---	<5	<5	<5	<10	<5	<5	---	---	---	---
HP-6	08/08/97	GTI	---	---	---	230	---	<5	<5	<5	<10	<5	<5	---	---	---	---
HP-8	08/08/97	GTI	---	---	---	35000	---	11000	12000	1200	7300	<500	<500	---	---	---	---
MW-6	11/22/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	130	70	---	---	---	---
MW-6	07/16/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	32	62	---	---	---	---
MW-6	01/05/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	11	39	---	---	---	---
MW-6	05/26/98	Terra Services	<300	---	---	---	---	<2.5	<2.5	<2.5	<5	118	107	---	---	---	---
MW-6	11/17/98	Alton Geoscience	<300	<100	---	---	---	4.8	11.6	1.5	9.9	9.2	12.7	---	---	---	---
MW-6	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	1.5	<0.50	<0.50	83	120	---	---	---	---
MW-6	11/16/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	20	18	---	---	---	---
MW-6	05/19/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	14	12	---	---	---	---
MW-6	11/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	12	3	---	---	---	---
MW-6	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	9.8	11	---	---	---	---
MW-6	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	11	6.2	---	---	---	---
MW-6	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	7.6	6	---	---	---	---
MW-6	10/24/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	9.4	4.6	---	---	---	---
MW-6	04/10/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	7.4	3.2	---	---	---	---
MW-6	10/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	9.1	2.5	---	---	---	---
MW-6	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.9	2.8	---	---	---	---
MW-6	11/05/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4	4	---	---	---	---
MW-6	05/05/05	Secor	89	100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	61	---	---	---	---
MW-6	11/03/05	Secor	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	9.9	30	---	---	---	---
MW-6	05/03/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	6.8	2.5	---	---	---	---
MW-6	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	7.1	2.7	---	---	---	---
MW-6	05/05/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4	2.5	---	---	---	---
MW-6	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.4	2.3	---	---	---	---
MW-6	04/17/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.2	2.7	---	---	---	---
MW-6	10/17/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	4	---	---	---	---
MW-6	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	0.69	<10	<1	<1	<1
MW-6	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	1	<10	<1	<1	<1
MW-6	05/27/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	1.9	<10	<1	<1	<1
MW-6	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.7	2	<10	<1	<1	<1
MW-6	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.7	2.3	<10	<1	<1	<1
MW-6	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.2	1	<10	<1	<1	<1
MW-6	04/19/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.86	<0.50	<10	<1	<1	<1
MW-6	10/17/12	CH2M Hill	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-6	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.7	<0.50	<10	<1	<1	<1
MW-6	10/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.82	0.51	<10	<1	<1	<1
MW-6	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.58	0.55	<10	<1	<1	<1
MW-6	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.51	0.67	<10	<1	<1	<1
MW-6	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	<10	<1	<1	<1
MW-6	10/23/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	0.99	1.9	5.7	<10	1.1	<1	<1
MW-6	04/14/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.72	1.2	<10	<1	<1	<1
MW-6	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.96	1.2	<10	<1	<1	<1
MW-6	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.99	2.2	<10	<1	<1	<1
MW-6	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	14	2	<10	1.3	<1	<1
MW-6	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7.5	3.6	<10	2.3	<1	<1
MW-6	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.3	1.6	<10	<1	<1	<1
MW-6	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	3.1	1.8	<10	<1	<1	<1
MW-6	10/29/19	Jacobs	<50	---	67	---	---	<0.50	<0.50	<0.50	<0.50	2.7	0.76	<10	<1.0	<1.0	<1.0
MW-6	05/07/20	Jacobs	<50	---	51	---	---	<0.50	<0.50	<0.50	<0.50	2.5	0.75	<10	<1.0	<1.0	<1.0
MW-7	11/25/96	Terra Services	---	---	---	---	---	3.5	<1	16	<3	6.8	1000	---	---	---	---
MW-7	07/14/97	Terra Services	540	---	<500	---	---	88	<3	<3	<3	<3	790	---	---	---	---
MW-7	01/08/98	Terra Services	150	---	<500	---	---	9	<0.50	<0.50	<1.5	4.1	400	---	---	---	---
MW-7	05/26/98	Terra Services	400	---	---	---	---	<5	<5	<5	7	10	380	---	---	---	---
MW-7	11/17/98	Alton Geoscience	<300	<100	---	---	---	5.4	7	<5	<5	<5	351	---	---	---	---
MW-7	05/07/99	Alton Geoscience	<500	---	<500	---	---	0.79	2.2	<0.50	0.71	6.8	540	---	---	---	---
MW-7	11/16/99	Secor	540	<100	---	---	---	8.5	<0.50	<0.50	<0.50	4.7	670	---	---	---	---
MW-7	05/17/00	Secor	590	880	---	---	---	<5	<5	<5	<5	14	900	---	---	---	---
MW-7	11/30/00	Secor	590	320	---	---	---	4.1	<0.50	<0.50	<0.50	5.4	640	---	---	---	---
MW-7	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.1	36	---	---	---	---
MW-7	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.4	8.2	---	---	---	---
MW-7	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	71	---	---	---	---
MW-7	10/23/02	Secor	<300	180	---	---	---	<0.50	<0.50	<0.50	<0.50	2	5	---	---	---	---
MW-7	04/10/03	Secor	57	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	1.3	---	---	---	---
MW-7	10/07/03	Secor	67	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	1.2	---	---	---	---
MW-7	04/21/04	Secor	62	120	---	---	---	<0.50	<0.50	<0.50	<0.50	0.68	1.4	---	---	---	---
MW-7	11/03/04	Secor	58	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	---	---	---	---
MW-7	05/06/05	Secor	58	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.82	---	---	---	---
MW-7	11/03/05	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
MW-7	05/03/06	Secor	<50	<110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-7	12/06/06	Secor	<50	270	---	---	---	<0.50	<0.50	<0.50	<0.50	0.65	1.5	---	---	---	---
MW-7	05/02/07	Secor	<50	160	---	---	---	<0.50	<0.50	<0.50	<0.50	0.64	0.83	---	---	---	---
MW-7	11/13/07	Secor	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	0.57	0.83	---	---	---	---
MW-7	04/17/08	Secor	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
MW-7	10/17/08	Stantec	<50	190	---	---	---	<0.50	<0.50	<0.50	<0.50	1.8	0.94	---	---	---	---
MW-7	04/20/09	Blaine Tech for AMEC GMX	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	2.1	0.6	<10	2.9	<1	<1
MW-7	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	0.56	<10	2	<1	<1
MW-7	05/26/10	Blaine Tech	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	0.87	<0.50	<10	5.5	<1	<1
MW-7	10/07/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1	0.64	260	9.3	<1	<1
MW-7	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	98	6	<1	<1
MW-7	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.99	<0.50	25	1.5	<1	<1
MW-7	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<10	<1	<1	<1
MW-7	10/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1	<0.50	<10	<1	<1	<1
MW-7	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<1	<1	<1
MW-7	10/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1	<1	<1
MW-7	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.2	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.82	<0.50	<10	<1	<1	<1
MW-7	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-7	10/23/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1	<0.50	<10	<1	<1	<1
MW-7	04/14/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.78	<0.50	<10	<1	<1	<1
MW-7	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1	<1	<1
MW-7	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.77	<0.50	<10	<1	<1	<1
MW-7	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-7	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.61	<0.50	<10	<1	<1	<1
MW-7	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.94	<0.50	<10	<1	<1	<1
MW-7	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1	<1	<1
MW-7	10/29/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-7	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	11/26/96	Terra Services	---	---	---	---	---	4400	<30	<30	<80	<30	26000	---	---	---	---
MW-8	07/17/97	Terra Services	<100	---	520	---	---	<10	<10	<10	<20	<10	11000	---	---	---	---
MW-8	01/02/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	14	---	---	---	---
MW-8	05/20/98	Terra Services	400	---	---	---	---	<2.5	<2.5	<2.5	<5	<2.5	554	---	---	---	---
MW-8	11/17/98	Alton Geoscience	<300	<100	---	---	---	2.4	6	0.8	4.6	<0.50	55.6	---	---	---	---
MW-8	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	52	---	---	---	---
MW-8	11/18/99	Secor	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.2	---	---	---	---
MW-8	05/17/00	Secor	<300	170	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3	---	---	---	---
MW-8	11/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	15	---	---	---	---
MW-8	02/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	380	---	---	---	---
MW-8	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	430	---	---	---	---
MW-8	09/19/01	Secor	790	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1000	---	---	---	---
MW-8	01/30/02	Secor	1700	<100	---	---	---	<10	<10	<10	<10	<10	1900	---	---	---	---
MW-8	04/10/02	Secor	1500	<100	---	---	---	11	<10	<10	<10	<10	2200	---	---	---	---
MW-8	10/22/02	Secor	<300	<100	---	---	---	150	<10	11.5	<10	<10	750	---	---	---	---
MW-8	01/29/03	Secor	<300	<100	---	---	---	<1	<1	<1	<1	<1	190	---	---	---	---
MW-8	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	28	---	---	---	---
MW-8	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	13	---	---	---	---
MW-8	10/06/03	Secor	79	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.7	---	---	---	---
MW-8	01/28/04	Secor	100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4	---	---	---	---
MW-8	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.61	---	---	---	---
MW-8	07/19/04	Secor	80	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.95	---	---	---	---
MW-8	11/02/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-8	02/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	---	---	---	---
MW-8	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	---	---	---	---
MW-8	08/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.4	---	---	---	---
MW-8	11/01/05	Secor	110	270	---	---	---	<0.50	<0.50	<0.50	4.2	<0.50	0.6	---	---	---	---
MW-8	02/27/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.65	---	---	---	---
MW-8	05/02/06	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.1	---	---	---	---
MW-8	09/19/06	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.6	---	---	---	---
MW-8	12/06/06	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.61	---	---	---	---
MW-8	03/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-8	05/04/07	Secor	<200	<100	---	---	---	<1	<1	<1	<1	<2	<1	---	---	---	---
MW-8	08/29/07	Secor	<200	<100	---	---	---	<1	<1	<1	<1	<2	<1	---	---	---	---
MW-8	11/13/07	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.9	---	---	---	---
MW-8	02/07/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
MW-8	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	---	---	---	---
MW-8	10/14/08	Stantec	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.59	---	---	---	---
MW-8	04/23/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	2000	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.69	570	<1	<1	<1
MW-8	05/27/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	<10	<1	<1	<1
MW-8	10/07/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<1600	<1	<1	<1
MW-8	04/13/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1100	<1	<1	<1
MW-8	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	970	<1	<1	<1
MW-8	04/19/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	71	<1	<1	<1
MW-8	10/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	220	<1	<1	<1
MW-8	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	10/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	10/30/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	<10	<1	<1	<1
MW-8	04/23/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	<10	<1	<1	<1
MW-8	10/23/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<1	<1	<1
MW-8	04/14/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	<10	<1	<1	<1
MW-8	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	10/31/19	Jacobs	1200	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-9	11/26/96	Terra Services	---	---	---	---	---	18	<0.50	69	1.6	<0.50	<5	---	---	---	---
MW-9	07/17/97	Terra Services	1400	---	2900	---	---	40	<1	140	21.5	<1	<10	---	---	---	---
MW-9	01/08/98	Terra Services	1100	---	570	---	---	19	0.74	55	2.4	<0.50	<5	---	---	---	---
MW-9	05/26/98	Terra Services	4700	---	---	---	---	69	<0.30	51	97.2	<2.5	10	---	---	---	---
MW-9	11/18/99	Secor	1800	4500	---	---	---	24	<0.50	2.7	2	<0.50	<0.50	---	---	---	---
MW-9	05/19/00	Secor	1300	3900	---	---	---	12	<0.50	0.8	0.5	<0.50	1.8	---	---	---	---
MW-9	11/05/04	Secor	2500	21000	---	---	---	27	<0.50	0.84	0.52	<1	52	---	---	---	---
MW-9	05/06/05	Secor	780	3300	---	---	---	2.3	<1	25	<1	<2	110	---	---	---	---
MW-9	11/01/05	Secor	1700	5400	---	---	---	9.3	<1	4.7	5.3	<2	120	---	---	---	---
MW-9	05/04/06	Secor	1000	10000	---	---	---	13	<0.50	2.2	1.4	<1	140	---	---	---	---
MW-9	12/08/06	Secor	1400	14000	---	---	---	16	<0.50	<0.50	<0.50	<0.50	160	---	---	---	---
MW-9	05/04/07	Secor	1700	610000	---	---	---	9.2	<0.50	0.5	<0.50	<1	130	---	---	---	---
MW-9	04/18/08	Secor	2500	11000	---	---	---	51	<1	1.7	1.9	<2	16	---	---	---	---
MW-9	10/14/08	Stantec	1600	4700	---	---	---	27	<1	<1	<1	<2	26	---	---	---	---
MW-9	04/23/09	Blaine Tech for AMEC GMX	1600	11000	---	---	---	33	<2.5	<2.5	<2.5	<5	6.2	130	<5	<5	<5
MW-9	05/27/10	Blaine Tech	1600	11000	---	---	---	24	<5	<5	<5	<10	<5	<100	<10	<10	<10
MW-9	10/07/10	Blaine Tech	2400	<12000	---	---	---	23	<2	<2	<2	<4	3.3	50	<4	<4	<4
MW-9	04/14/11	Blaine Tech	1400	28000	---	---	---	18	<5	<5	<5	<10	<5	<100	<10	<10	<10
MW-9	10/12/11	CH2M Hill	1200	8700	---	---	---	17	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
MW-9	04/20/12	CH2M Hill	2200	---	4500	---	---	20	<5	<5	<5	<10	<5	<100	<10	<10	<10
MW-9	10/17/12	CH2M Hill	1200	---	2500	---	---	9.1	<2.5	<2.5	<2.5	<5	3.7	<50	<5	<5	<5
MW-9	04/11/13	CH2M Hill	870	---	4400	---	---	4.8	<2.5	<2.5	<2.5	<5	4.5	<50	<5	<5	<5
MW-9	10/10/13	CH2M Hill	1200	---	2100	---	---	4.2	<1	<1	<1	<2	11	45	<2	<2	<2
MW-9	04/17/14	CH2M Hill	1100	---	2500	---	---	<2.5	<2.5	<2.5	<2.5	<5	13	150	<5	<5	<5
MW-9	10/30/14	CH2M Hill	<500	---	2600	---	---	<2.5	<2.5	<2.5	<2.5	<5	6.7	51	<5	<5	<5
MW-9	04/23/15	CH2M Hill	660	---	2900	---	---	5	3.6	2.6	24	<5	6.4	83	<5	<5	<5
MW-9	10/26/15	CH2M	420	---	1600	---	---	<0.50	<0.50	<0.50	<0.50	<1	5.8	40	<1	<1	<1
MW-9	04/14/16	CH2M	260	---	1100	---	---	1.7	<0.50	<0.50	<0.50	<0.50	1.8	30	<1	<1	<1
MW-9	10/05/16	CH2M	85	---	280	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	22	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	04/19/17	CH2M	99	---	600 J	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	20	<1	<1	<1
MW-9	10/05/17	CHHL	<100	---	340	---	---	<0.50	<0.50	<0.50	<0.50	<1	2.6	22	<1	<1	<1
MW-9	04/19/18	CHHL	66	---	250	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	15	<1	<1	<1
MW-9	11/09/18	CHHL	<50	---	340	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	14	<1	<1	<1
MW-9	04/18/19	CHHL	<100	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.67	<10	<1	<1	<1
MW-9	10/30/19	Jacobs	<50	---	280	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-9	05/08/20	Jacobs	<50	---	320	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	<10	<1.0	<1.0	<1.0
MW-10	11/21/96	GSI	<38	---	<500	<500	---	<0.50	<0.50	5.1	2.3	<0.50	---	---	---	---	---
MW-10	07/09/97	GTI	<50	---	170	<50	---	<0.50	<1	2	<2	---	---	---	---	---	---
MW-10	01/06/98	GTI	<500	---	<100	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	05/20/98	BBC	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	11/04/98	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	05/27/99	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	11/18/99	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	05/16/00	IT Corporation	<300	120	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	11/29/00	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	2.4	---	<5	---	---	---	---
MW-10	05/09/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-10	11/07/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-10	04/10/02	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-10	04/14/16	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-11	12/01/00	IT Corporation	<300	290	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-11	05/10/01	IT Corporation	<300	180	---	---	---	1	<0.30	0.61	<0.60	---	13	---	---	---	---
MW-11	11/07/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-11	04/10/02	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	19	---	---	---	---
MW-11	04/14/03	GTI	---	6120	---	---	---	83.6	1.54	58.8	51	---	<3	---	---	---	---
MW-11	10/10/03	Blaine Tech for Parsons	---	1000	---	---	---	<0.30	<0.30	0.42	0.95	---	12	---	---	---	---
MW-11	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	6.4	---	---	---	---
MW-11	11/06/04	Blaine Tech for Parsons	---	1300	---	---	---	2.3	<0.30	0.64	5.9	---	8.1	---	---	---	---
MW-11	05/07/05	Blaine Tech for Parsons	---	<100	---	---	---	0.34	0.61	<0.30	0.6	---	13	---	---	---	---
MW-11	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	0.33	<0.30	<0.30	0.69	---	37	---	---	---	---
MW-11	05/05/06	Blaine Tech for Parsons	---	2300	---	---	---	1.6	3.4	3.4	6.9	---	11	---	---	---	---
MW-11	12/08/06	Blaine Tech for Parsons	---	740	---	---	---	3.1	<0.50	<0.50	<1	---	20	---	---	---	---
MW-11	05/03/07	Blaine Tech for Parsons	---	1300	---	---	---	4.3	<0.50	0.86	1.1	---	43	---	---	---	---
MW-11	11/14/07	Blaine Tech for Parsons	---	450	---	---	---	<0.50	<0.50	<0.50	<1	---	18	---	---	---	---
MW-11	04/18/08	Blaine Tech for Parsons	---	1100	---	---	---	<0.50	<0.50	1	1.5	---	<5	---	---	---	---
MW-11	10/17/08	Blaine Tech for Parsons	---	---	---	---	880	<0.50	<0.50	<0.50	<0.50	<0.50	12	<10	<2	<2	<2
MW-11	04/24/09	Blaine Tech for Parsons	---	---	---	---	520	<0.50	<0.50	<0.50	<0.50	<0.50	8.7	<10	<2	<2	<2
MW-11	10/22/09	Blaine Tech for DESC	---	---	---	---	670	<0.50	<0.50	<0.50	<0.50	<0.50	3.9	<10	<2	<2	<2
MW-11	04/14/10	Blaine Tech for DESC	---	---	---	---	700	<0.50	<0.50	0.58	<0.50	---	3.8	<10	<2	<2	<2
MW-11	04/19/12	Parsons	220	---	---	---	710	<0.50	<0.50	<0.50	0.31 J	<0.50	<0.50	<10	<2	<2	<2
MW-11	07/10/12	Parsons	---	---	---	---	780	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-12	05/22/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.10	<0.50	---	---	---	---
MW-12	11/11/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/07/99	Alton Geoscience	<500	---	<500	---	---	1.2	4.8	<0.50	2.1	<1	<0.50	---	---	---	---
MW-12	11/16/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/19/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	11/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	11/07/01	IT Corporation	<300	<100	---	---	---	1.3	1.1	<0.50	0.7	<0.50	<0.50	---	---	---	---
MW-12	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	10/24/02	Secor	<300	2800	---	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	04/10/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	10/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	04/22/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	11/05/04	Secor	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	11/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/03/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/05/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	11/14/07	Secor	<50	190	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	04/17/08	Secor	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	10/21/08	Stantec	<50	170	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	04/22/09	Blaine Tech for AMEC GMX	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/21/09	Blaine Tech for Parsons	<50	150	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/18/12	CH2M Hill	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/09/13	CH2M Hill	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	11/06/15	CH2M	<50	---	61	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/19/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/29/19	Jacobs	<50	---	120	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	05/12/20	Jacobs	<50	---	61	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-13	11/22/96	GSI	1100	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	---	---	---	---	---
MW-13	07/09/97	GTI	<50	---	<50	<50	---	<0.50	<1	<1	<2	---	---	---	---	---	---
MW-13	01/06/98	GTI	<500	---	<100	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-13	05/20/98	BBC	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-13	11/05/98	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-13	05/26/99	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-13	11/18/99	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-13	05/17/00	IT Corporation	<300	20000	---	---	---	<0.30	1.2	<0.30	0.91	---	---	---	---	---	---
MW-13	11/29/00	IT Corporation	<300	410	---	---	---	<0.30	<0.30	<0.30	0.89	---	<5	---	---	---	---
MW-13	03/30/01	IT Corporation	---	<50	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-13	05/09/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-13	11/07/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	14	---	---	---	---
MW-13	04/10/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-13	10/23/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
MW-13	04/09/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-13	10/08/03	Blaine Tech for Parsons	---	110	---	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	04/21/04	Blaine Tech for Parsons	---	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	11/03/04	Blaine Tech for Parsons	---	320	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	05/05/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	11/05/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	05/03/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	12/05/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	05/02/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/16/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/15/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/20/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/22/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/19/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/06/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
MW-13	04/12/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/12/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/09/13	Parsons	---	---	140 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/08/13	Parsons	<100	---	330 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/15/14	Parsons	<100	---	97 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	12	<2	<2	<2
MW-13	10/28/14	SGL	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-13	04/28/15	SGL	<100	---	<100	---	---	0.63	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-13	10/22/15	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-13	04/12/16	SGL	<100	---	<100	---	---	0.95	<0.50	2	6.2	<0.50	<1	<10	<2	<2	<2
MW-13	10/04/16	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-13	04/18/17	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-13	10/03/17	TSGS	<100	---	270	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-13	04/17/18	TSGS	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-13	11/09/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1J	<10	<2	<2J	<2J
MW-13	04/16/19	TSGS	<100	---	<100J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-13	10/29/19	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-13	05/05/20	SGL	<100	---	150	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-14	11/21/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	99	---	---	---	---
MW-14	07/09/97	GTI	<50	---	200	<50	---	<5	<5	<5	<5	<5	<5	---	---	---	---
MW-14	01/06/98	GTI	<500	---	<100	800	---	107	<0.50	4	10	2	15	---	---	---	---
MW-14	05/20/98	BBC	400	---	---	---	---	24	<0.50	7	14	<0.50	12	---	---	---	---
MW-14	08/26/98	Geomatrix	<300	367	---	---	---	<0.50	<0.50	0.7	2.1	<0.50	109	---	---	---	---
MW-14	11/04/98	GTI	<300	361	---	---	---	<0.50	2.8	4.8	24.6	<0.50	48.6	---	---	---	---
MW-14	02/03/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	86	---	---	---	---
MW-14	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	0.53	<1	450	---	---	---	---
MW-14	05/26/99	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.70	1.1	<0.50	230	---	---	---	---
MW-14	08/10/99	Alton Geoscience	<500	---	<1000	---	---	<0.50	<1	<1	<1	2.9	110	---	---	---	---
MW-14	11/18/99	IT Corporation	<300	<100	---	---	---	<2.5	<5	<5	<5	12	26	---	---	---	---
MW-14	02/29/00	Secor	<300	420	---	---	---	<0.50	<0.50	<0.50	<0.50	36	15	---	---	---	---
MW-14	05/16/00	IT Corporation	<300	370	---	---	---	<0.50	<0.50	<0.50	1.4	42	7.7	---	---	---	---
MW-14	08/29/00	Secor	<300	3800	---	---	---	<0.50	<0.50	<0.50	0.6	38	9.6	---	---	---	---
MW-14	11/29/00	IT Corporation	<300	130	---	---	---	<0.50	<0.50	<0.50	0.5	0.9	15	18	---	---	---
MW-14	02/06/01	Secor	<300	230	---	---	---	<0.50	<0.50	<0.50	0.5	11	13	---	---	---	---
MW-14	05/09/01	IT Corporation	<300	310	---	---	---	<0.50	<0.50	1.8	7.4	32	8.2	---	---	---	---
MW-14	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	1.1	23	15	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	11/07/01	IT Corporation	<300	190	---	---	---	<0.50	<0.50	0.8	2.3	29	10	---	---	---	---
MW-14	01/30/02	Secor	<300	450	---	---	---	<0.50	<0.50	<0.50	1.5	8.1	25	---	---	---	---
MW-14	04/10/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	2.7	6.4	4.1	24	---	---	---	---
MW-14	07/30/02	IT Corporation	<300	500	---	---	---	<0.50	<0.50	0.98	2.4	3.9	25	---	---	---	---
MW-14	10/23/02	GTI	<300	300	---	---	---	<0.50	<1	<1	<1	4.3	22	---	---	---	---
MW-14	01/28/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	0.67	5.9	17	---	---	---	---
MW-14	04/11/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.84	16.8	---	---	---	---
MW-14	10/10/03	Blaine Tech for Parsons	---	580	---	---	---	<0.50	<0.50	1.2	4.03	7.4	19	---	---	---	---
MW-14	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	0.89	4.7	19	<10	<2	<2	<2
MW-14	07/21/04	Blaine Tech for Parsons	250	290	---	---	---	<0.50	<0.50	0.61	1.4	---	22	---	---	---	---
MW-14	11/04/04	Blaine Tech for Parsons	---	610	---	---	---	<0.50	<0.50	<0.50	<0.50	5.6	19	<10	<2	<2	<2
MW-14	03/02/05	Blaine Tech for Parsons	---	320	---	---	---	<0.50	<1	<1	<1	---	14	---	---	---	---
MW-14	05/07/05	Blaine Tech for Parsons	---	430	---	---	---	1.3	<0.50	<0.50	<0.50	<0.50	9.3	22	<2	<2	<2
MW-14	11/08/05	Blaine Tech for Parsons	---	2200	---	---	---	6.5	<0.50	1.3	3.6	1	3.6	32	<2	<2	<2
MW-14	05/03/06	Blaine Tech for Parsons	---	2600	---	---	---	<0.50	<0.50	<0.50	<0.50	0.78	4.2	31	<2	<2	<2
MW-14	07/28/06	Blaine Tech for Parsons	290	4300	---	---	---	<0.50	<0.50	<0.50	<0.50	0.83	4.2	31	<2	<2	<2
MW-14	12/06/06	Blaine Tech for Parsons	---	1900	---	---	---	<0.50	<0.50	<0.50	<0.50	0.98	3.3	20	<2	<2	<2
MW-14	03/23/07	Blaine Tech for Parsons	670	3400	---	---	---	<0.50	<0.50	<0.50	<0.50	0.94	3.5	29	<2	<2	<2
MW-14	05/03/07	Blaine Tech for Parsons	---	3100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.94	3.6	<10	<2	<2	<2
MW-14	08/31/07	Blaine Tech for Parsons	480	2800	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	27	<2	<2	<2
MW-14	11/15/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.97	4	20	<2	<2	<2
MW-14	02/07/08	Blaine Tech for Parsons	180	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	0.86	5.2	28	<2	<2	<2
MW-14	04/17/08	Blaine Tech for Parsons	---	1700	---	---	---	<0.50	<0.50	<0.50	<0.50	1.2	4.6	32	<2	<2	<2
MW-14	10/16/08	Blaine Tech for Parsons	---	---	---	---	570	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	10	<2	<2	<2
MW-14	02/12/09	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	1.1	1.6	<10	<2	<2	<2
MW-14	04/22/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	16	1.9	<10	<2	<2	<2
MW-14	07/20/09	Blaine Tech for AMEC GMX	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	13	1.5	<10	2.4	<2	<2
MW-14	10/22/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	16	2.5	<10	3	<2	<2
MW-14	01/12/10	Blaine Tech for DESC	<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	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.4 J	4.3	<10	<2	<2	<2
MW-14	10/04/10	Blaine Tech for Parsons	---	---	---	---	100	<0.50	---	---	---	0.99	3.4	<10	---	---	---
MW-14	01/10/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	<10	<2	<2	<2
MW-14	04/13/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	3	<10	<2	<2	<2
MW-14	07/11/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.48 J	11	<2	<2	<2
MW-14	10/12/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	2.1	2.7	<10	0.83 J	<2	<2
MW-14	01/09/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	3.3	3.6	<10	0.83 J	<2	<2
MW-14	04/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	6.6	0.78	<10	1.2 J	<2	<2
MW-14	07/09/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4	0.72	<10	1.1 J	<2	<2
MW-14	10/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	7	1.9	<10	1.3 J	<2	<2
MW-14	01/14/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	10	0.93	<10	1.7 J	<2	<2
MW-14	04/10/13	Parsons	---	---	120 b	---	---	<0.50	<0.50	<0.50	<0.50	12	1.4	<10	2.4	<2	<2
MW-14	04/29/15	SGL	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	5.4	<2	<10	<2	<2	<2
MW-14	10/23/15	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	7.5	<2	<10	<2	<2	<2
MW-14	10/04/16	SGL	<100	---	<100	---	---	1.3	<0.50	<0.50	<1	6.3	<1	<10	<2	<2	<2
MW-14	04/19/17	SGL	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-15	11/26/96	Terra Services	---	---	---	---	---	1.4	0.66	1	0.62	<0.50	27	---	---	---	---
MW-15	07/14/97	Terra Services	1000	---	3500	---	---	1.5	1.1	<0.50	<1	<0.50	<5	---	---	---	---
MW-15	01/07/98	Terra Services	<500	---	1500	---	---	0.62	0.73	<0.50	<1.5	<0.50	<5	---	---	---	---
MW-15	05/22/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	0.7	<1	<0.50	---	---	---	---
MW-15	11/13/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-15	11/17/99	Secor	<300	910	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	05/16/00	Secor	340	1200	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	11/30/00	Secor	2100	1700	---	---	---	<0.50	0.8	<0.50	1.1	<0.50	<0.50	---	---	---	---
MW-15	05/09/01	Secor	<300	690	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	11/06/01	Secor	<300	740	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.6	---	---	---	---
MW-15	04/10/02	Secor	59000	21000	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	07/30/02	IT Corporation	780	550000	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	12/08/06	Secor	420	6400	---	---	---	<0.50	<0.50	<0.50	1	<0.50	0.6	---	---	---	---
MW-15	05/04/07	Secor	<500	6100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
MW-15	10/05/10	Blaine Tech	1100	<47000	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	04/14/11	Blaine Tech	1900	220000	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	10/12/11	CH2M Hill	590	66000	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	04/27/12	CH2M Hill	1100	---	40000	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	10/19/12	CH2M Hill	940	---	34000	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	04/12/13	CH2M Hill	890	---	240000	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	10/11/13	CH2M Hill	2000	---	140000	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	10/31/14	CH2M Hill	590	---	8300	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
MW-15R	04/19/17	CH2M	<100	---	210	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15	<1	<1	<1
MW-15R	10/05/17	CHHL	<50	---	79	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	<10	<1	<1	<1
MW-15R	04/19/18	CHHL	66	---	60	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<1	<1	<1
MW-15R	11/08/18	CHHL	53	---	52	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-15R	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-15R	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-15R	05/11/20	Jacobs	78	---	180	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-16	11/27/96	GSI	50	---	<500	<500	---	<0.50	<0.50	<0.50	1.5	140	71	---	---	---	---
MW-16	07/10/97	GTI	<50	---	<50	<50	---	<5	<5	<5	<5	<5	<5	---	---	---	---
MW-16	01/06/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-16	05/21/98	BBC	<300	---	---	---	---	<0.50	0.7	<0.50	0.6	<0.50	<0.50	---	---	---	---
MW-16	11/05/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	05/27/99	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	11/18/99	IT Corporation	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	05/17/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	11/30/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	05/09/01	IT Corporation	<300	3100	---	---	---	2.6	<0.50	<0.50	0.6	<0.50	<0.50	---	---	---	---
MW-16	11/07/01	IT Corporation	<300	2100	---	---	---	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	31	---	---	---
MW-16	02/01/02	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	220	---	---	---	---
MW-16	04/11/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	260	---	---	---	---
MW-16	10/23/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	14	---	---	---	---
MW-16	01/29/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.8	---	---	---	---
MW-16	04/09/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	16.2	---	---	---	---
MW-16	08/01/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	110	---	---	---	---
MW-16	10/11/03	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	100	---	---	---	---
MW-16	01/28/04	Secor	51	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	89	---	---	---	---
MW-16	04/21/04	Blaine Tech for Parsons	---	180	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	83	110	<2	<2	<2
MW-16	07/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	22	---	---	---	---
MW-16	11/04/04	Blaine Tech for Parsons	---	300	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	120	<2	<2	<2
MW-16	02/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	05/06/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	08/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	05/04/06	Blaine Tech for Parsons	---	180	---	---	---	0.87	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	09/19/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	12/08/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	05/03/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	11/16/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	04/17/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/16/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	04/23/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/23/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	04/16/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/07/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
MW-16	04/12/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/12/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	04/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	04/09/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/27/14	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-16	04/24/15	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-16	10/20/15	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-16	04/12/16	SGL	<100	---	<100	---	---	1.3	<0.50	2.5	8.1	0.51	<1	<10	<2	<2	<2
MW-16	10/07/16	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-16	04/18/17	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-16	10/04/17	TSGS	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-16	04/18/18	TSGS	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-16	11/06/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-16	04/16/19	TSGS	<100	---	240 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-16	10/30/19	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-16	05/06/20	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	11/27/96	GSI	45	---	<500	<500	---	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---	---
MW-17	07/09/97	GTI	<50	---	<50	<50	---	<5	<5	<5	<5	<5	<5	---	---	---	---
MW-17	01/06/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-17	05/20/98	BBC	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-17	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	05/26/99	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	11/18/99	IT Corporation	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	0.5	---	---	---	---
MW-17	05/17/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	11/29/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	05/09/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	04/10/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	10/23/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
MW-17	04/10/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	10/08/03	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	04/21/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	11/03/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	05/05/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	11/05/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	05/03/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	12/05/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	05/02/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/16/08	Blaine Tech for Parsons	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	10/15/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/20/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/23/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/16/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/06/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
MW-17	04/12/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/13/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/09/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/08/13	Parsons	<100	---	110 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/16/14	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/27/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-17	04/24/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-17	10/20/15	SGI	130	---	<100	---	---	<0.50	<0.50	0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-17	04/13/16	SGI	<100	---	<100	---	---	<0.50	<0.50	0.67	2.4	<0.50	<1	<10	<2	<2	<2
MW-17	10/04/16	SGI	<100	---	<100	---	---	<0.50	<0.50	0.5	<1	<0.50	<1	<10	<2	<2	<2
MW-17	04/18/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-17	10/03/17	TSGS	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-17	04/17/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-17	11/06/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-17	04/16/19	TSGS	<100	---	230 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-17	10/30/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	05/05/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-18 (MID)	07/16/97	Terra Services	<100	---	<500	---	---	---	---	---	---	---	---	---	---	---	---
MW-18 (MID)	01/05/98	Terra Services	420	---	<500	---	---	---	---	---	---	---	---	---	---	---	---
MW-18 (MID)	10/08/03	Secor	530	240	---	---	---	1.2	<1	<1	<1	16	640	---	---	---	---
MW-18 (MID)	10/07/10	Blaine Tech	1100	<1000	---	---	---	290	<1.5	<1.5	<1.5	<3	12	150	11	<3	<3
MW-18 (MID)	04/13/11	Blaine Tech	4100	910	---	---	---	1900	<10	<10	11	<20	13	<200	21	<20	<20
MW-18 (MID)	10/12/11	CH2M Hill	1200	720	---	---	---	460	<2.5	<2.5	3.2	<5	4.6	82	9.3	<5	<5
MW-18 (MID)	04/20/12	CH2M Hill	<200	---	330	---	---	<1	<1	<1	<1	<2	2.4	21	4.2	<2	<2
MW-18 (MID)	10/18/12	CH2M Hill	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	CH2M Hill	<200	---	130	---	---	<1	<1	<1	<1	<2	<1	87	5.1	<2	<2
MW-18 (MID)	04/22/15	CH2M Hill	<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	CH2M	<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	CH2M	390	---	390	---	---	120	1.3	<0.50	0.91	<0.50	5	28	5.9	<1	<1
MW-18 (MID)	04/13/16	CH2M	390	---	440	---	---	65	1.4	<0.50	2	<1	4.7	74	1.5	<1	<1
MW-18 (MID)	08/23/16	CH2M	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	CH2M	200	---	490	---	---	6.1	<0.50	<0.50	1.5	<1	2.7	55	1.3	<1	<1
MW-18 (MID)	04/20/17	CH2M	<100	---	200	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.3	32	1.6	<1	<1
MW-18 (MID)	10/05/17	CHHL	<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	CHHL	<50	---	98	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	1.3	<1	<1
MW-18 (MID)	11/09/18	CHHL	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	<10	<1	<1	<1
MW-18 (MID)	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1	<1	<1
MW-18 (MID)	10/31/19	Jacobs	<50	---	98	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	11	<1.0	<1.0	<1.0
MW-18 (MID)	05/11/20	Jacobs	<50	---	150	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	18	1.2	<1.0	<1.0
MW-19 (MID)	11/26/96	Terra Services	---	---	---	---	---	48	<0.50	17	1.76	7.7	600	---	---	---	---
MW-19 (MID)	07/16/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	9.1	810	---	---	---	---
MW-19 (MID)	01/05/98	Terra Services	<100	---	<500	---	---	<5	<50	<5	<15	<5	1400	---	---	---	---
MW-19 (MID)	05/27/98	Terra Services	500	---	---	---	---	<5	<0.50	<5	<10	14	590	---	---	---	---
MW-19 (MID)	08/26/98	Geomatrix	514	233	---	---	---	<2.5	<2.5	<2.5	<2.5	11.1	779	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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)	11/17/98	Alton Geoscience	491	<100	---	---	---	<5	<5	<5	<5	11	850	---	---	---	---
MW-19 (MID)	02/03/99	Alton Geoscience	<10000	---	<500	---	---	<10	<10	<10	<20	<20	1300	---	---	---	---
MW-19 (MID)	05/06/99	Alton Geoscience	540	---	<500	---	---	42	<1	<1	<1	<2.5	1500	---	---	---	---
MW-19 (MID)	08/10/99	Alton Geoscience	600	---	<1000	---	---	<0.50	<1	<1	<1	6.8	980	---	---	---	---
MW-19 (MID)	11/17/99	Secor	1100	310	---	---	---	26	<5	<5	<5	<5	1100	---	---	---	---
MW-19 (MID)	02/29/00	Secor	2000	1800	---	---	---	530	<5	<5	<5	<5	1100	---	---	---	---
MW-19 (MID)	05/17/00	Secor	5200	5100	---	---	---	1900	<25	<25	<25	<25	2600	---	---	---	---
MW-19 (MID)	08/29/00	Secor	2700	19000	---	---	---	560	<10	<10	<10	<10	3200	---	---	---	---
MW-19 (MID)	11/30/00	Secor	2100	1200	---	---	---	520	3.6	0.9	6.1	<0.50	1200	---	---	---	---
MW-19 (MID)	02/06/01	Secor	780	410	---	---	---	66	<10	<10	<10	<10	720	---	---	---	---
MW-19 (MID)	05/09/01	Secor	360	230	---	---	---	4.4	<2.5	<2.5	<2.5	6.5	490	---	---	---	---
MW-19 (MID)	09/19/01	Secor	<300	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	8.2	200	---	---	---	---
MW-19 (MID)	11/06/01	Secor	<300	120	---	---	---	<1	<1	<1	<1	6.5	180	---	---	---	---
MW-19 (MID)	01/30/02	Secor	<300	150	---	---	---	<0.50	<0.50	<0.50	<0.50	5.1	33	---	---	---	---
MW-19 (MID)	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.3	11	---	---	---	---
MW-19 (MID)	10/23/02	Secor	<300	330	---	---	---	1.1	<0.50	<0.50	<0.50	3.5	7.4	---	---	---	---
MW-19 (MID)	04/10/03	Secor	92	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	4.3	---	---	---	---
MW-19 (MID)	10/07/03	Secor	84	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.3	1	---	---	---	---
MW-19 (MID)	04/21/04	Secor	99	150	---	---	---	<0.50	<0.50	<0.50	<0.50	2.6	<0.50	---	---	---	---
MW-19 (MID)	11/03/04	Secor	<100	200	---	---	---	<0.50	<0.50	<0.50	<0.50	2	0.81	---	---	---	---
MW-19 (MID)	05/06/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-19 (MID)	11/03/05	Secor	68	140	---	---	---	<0.50	<0.50	<0.50	<0.50	4.2	1.2	---	---	---	---
MW-19 (MID)	05/03/06	Secor	76	110	---	---	---	<0.50	<0.50	<0.50	<0.50	13	2.2	---	---	---	---
MW-19 (MID)	12/06/06	Secor	<50	260	---	---	---	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	---	---	---	---
MW-19 (MID)	05/02/07	Secor	61	200	---	---	---	<0.50	<0.50	<0.50	<0.50	2.2	1.1	---	---	---	---
MW-19 (MID)	11/13/07	Secor	57	130	---	---	---	<0.50	<0.50	<0.50	<0.50	2.9	0.86	---	---	---	---
MW-19 (MID)	04/17/08	Secor	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	3	1.2	---	---	---	---
MW-19 (MID)	10/17/08	Stantec	<50	190	---	---	---	<0.50	<0.50	<0.50	<0.50	3.2	1.3	---	---	---	---
MW-19 (MID)	04/20/09	Blaine Tech for AMEC GMX	<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	Blaine Tech for Parsons	<50	140	---	---	---	<0.50	<0.50	<0.50	<0.50	5	0.79	130	16	<1	<1
MW-19 (MID)	05/26/10	Blaine Tech	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	3.1	<0.50	<10	12	<1	<1
MW-19 (MID)	10/06/10	Blaine Tech	62	140	---	---	---	<0.50	<0.50	<0.50	<0.50	3.5	0.91	130	19	<1	<1
MW-19 (MID)	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.2	0.81	67	14	<1	<1
MW-19 (MID)	10/11/11	CH2M Hill	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	3.2	0.67	110	11	<1	<1
MW-19 (MID)	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	4.7	1	290	22	<1	<1
MW-19 (MID)	10/17/12	CH2M Hill	<50	---	77	---	---	<0.50	<0.50	<0.50	<0.50	5.3	1.1	360	28	<1	<1
MW-19 (MID)	04/11/13	CH2M Hill	55	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	9.2	2	330	31	<1	<1
MW-19 (MID)	10/10/13	CH2M Hill	54	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7.4	2	350	25	<1	<1
MW-19 (MID)	04/17/14	CH2M Hill	74	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	9.1	2	440	25	<1	<1
MW-19 (MID)	10/30/14	CH2M Hill	<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	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	3.7	1.1	130	13	<1	<1
MW-19 (MID)	10/23/15	CH2M	<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	CH2M	<50	---	54	---	---	<0.50	<0.50	<0.50	<0.50	4.8	1	420	23	<1	<1
MW-19 (MID)	10/05/16	CH2M	54	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	3.8	0.68	220	19	<1	<1
MW-19 (MID)	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.1	<0.50	88	11	<1	<1
MW-19 (MID)	10/03/17	CHHL	<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	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2	<0.50	31	5.6	<1	<1
MW-19 (MID)	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.6	<0.50	23	4.3	<1	<1
MW-19 (MID)	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.2	<0.50	15	2.2	<1	<1
MW-19 (MID)	10/29/19	Jacobs	<50	---	58	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	11	1.6	<1.0	<1.0
MW-19 (MID)	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	17	2.5	<1.0	<1.0

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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)	11/22/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	1.5	66	36	---	---	---	---
MW-20 (MID)	07/11/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	33	13	---	---	---	---
MW-20 (MID)	01/05/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	17	9.2	---	---	---	---
MW-20 (MID)	05/27/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	35	22	---	---	---	---
MW-20 (MID)	11/16/98	Alton Geoscience	<300	<100	---	---	---	14	41	4.8	29.8	31	33	---	---	---	---
MW-20 (MID)	05/07/99	Alton Geoscience	<500	---	<500	---	---	5.6	22	1.7	9.8	22	13	---	---	---	---
MW-20 (MID)	11/16/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	21	19	---	---	---	---
MW-20 (MID)	05/19/00	Secor	<300	220	---	---	---	<0.50	<0.50	<0.50	<0.50	22	11	---	---	---	---
MW-20 (MID)	11/28/00	Secor	<300	340	---	---	---	<0.50	<0.50	<0.50	<0.50	17	8.1	---	---	---	---
MW-20 (MID)	05/09/01	Secor	<300	180	---	---	---	<50	<50	<50	<50	2200	1300	---	---	---	---
MW-20 (MID)	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	11	---	---	---	---
MW-20 (MID)	11/07/01	IT Corporation	<300	170	---	---	---	<0.50	<0.50	<0.50	<0.50	23	14	---	---	---	---
MW-20 (MID)	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	12	---	---	---	---
MW-20 (MID)	10/24/02	Secor	<300	220	---	---	---	<0.50	<0.50	<0.50	<0.50	20	20	---	---	---	---
MW-20 (MID)	04/10/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	11	---	---	---	---
MW-20 (MID)	10/08/03	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	29	19	---	---	---	---
MW-20 (MID)	04/21/04	Secor	56	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	27	18	---	---	---	---
MW-20 (MID)	11/05/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	15	---	---	---	---
MW-20 (MID)	05/05/05	Secor	97	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	33	57	---	---	---	---
MW-20 (MID)	11/03/05	Secor	58	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	25	46	---	---	---	---
MW-20 (MID)	05/03/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	21	32	---	---	---	---
MW-20 (MID)	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	21	25	---	---	---	---
MW-20 (MID)	05/05/07	Secor	59	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	20	25	---	---	---	---
MW-20 (MID)	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	20	23	---	---	---	---
MW-20 (MID)	04/17/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	15	21	---	---	---	---
MW-20 (MID)	10/17/08	Stantec	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	18	---	---	---	---
MW-20 (MID)	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	16	28	11	<1	<1
MW-20 (MID)	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	18	32	14	<1	<1
MW-20 (MID)	05/27/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	18	16	<10	12	<1	<1
MW-20 (MID)	10/06/10	Blaine Tech	51	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	15	19	40	13	<1	<1
MW-20 (MID)	04/12/11	Blaine Tech	51	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	18	<10	17	<1	<1
MW-20 (MID)	10/11/11	CH2M Hill	<50	170	---	---	---	<0.50	<0.50	<0.50	<0.50	13	17	38	11	<1	<1
MW-20 (MID)	04/19/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	15	12	26	9.9	<1	<1
MW-20 (MID)	10/17/12	CH2M Hill	<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	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	14	9.8	<10	6.7	<1	<1
MW-20 (MID)	10/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	16	14	29	11	<1	<1
MW-20 (MID)	04/16/14	CH2M Hill	55	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	13	9.6	22	7.4	<1	<1
MW-20 (MID)	10/30/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	10	8.7	18	6.6	<1	<1
MW-20 (MID)	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	6.2	11	19	8.2	<1	<1
MW-20 (MID)	10/23/15	CH2M	<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	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	10	8.9	25	6.3	<1	<1
MW-20 (MID)	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	13	7.1	22	7.2	<1	<1
MW-20 (MID)	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	9	8.1	21	6	<1	<1
MW-20 (MID)	10/03/17	CHHL	<50	---	<100X	---	---	<0.50	<0.50	<0.50	<0.50	8.6	6.8	16	5.1	<1	<1
MW-20 (MID)	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7.9	6.1	<10	4.9	<1	<1
MW-20 (MID)	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	4.4	4.6	<10	2.7	<1	<1
MW-20 (MID)	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	12	16	34	8	<1	<1
MW-20 (MID)	10/29/19	Jacobs	<50	---	52	---	---	<0.50	<0.50	<0.50	<0.50	7.6	8.9	16	4.9	<1.0	<1.0
MW-20 (MID)	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	12	15	28	8.0	<1.0	<1.0
MW-21 (MID)	05/07/99	Alton Geoscience	<500	---	590	---	---	<1	<1	<1	<1	75	39	---	---	---	---
MW-21 (MID)	11/29/00	Secor	<300	4600	---	---	---	3.6	<0.50	<0.50	<0.50	16	62	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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)	05/09/01	Secor	<300	1900	---	---	---	<0.50	<0.50	<0.50	<0.50	9.8	50	---	---	---	---
MW-21 (MID)	11/06/01	Secor	<300	1400	---	---	---	0.5	<0.50	<0.50	<0.50	12	69	---	---	---	---
MW-21 (MID)	04/10/02	Secor	<300	1100	---	---	---	<0.50	<0.50	<0.50	<0.50	8.6	71	---	---	---	---
MW-21 (MID)	10/23/02	Secor	<300	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	7.4	61	---	---	---	---
MW-21 (MID)	10/07/03	Secor	87	290	---	---	---	<0.50	<0.50	<0.50	<0.50	5.6	55	---	---	---	---
MW-21 (MID)	05/06/05	Secor	62	100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	25	---	---	---	---
MW-21 (MID)	05/03/06	Secor	<50	<140	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	13	---	---	---	---
MW-21 (MID)	05/02/07	Secor	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	0.73	3.3	---	---	---	---
MW-21 (MID)	04/17/08	Secor	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.88	6.4	---	---	---	---
MW-21 (MID)	04/20/09	Blaine Tech for AMEC GMX	<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	Blaine Tech	<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	Blaine Tech	72	350	---	---	---	<0.50	<0.50	<0.50	<0.50	3.8	2.4	32	3	<1	<1
MW-21 (MID)	04/18/12	CH2M Hill	<100	---	140	---	---	<0.50	<0.50	<0.50	<0.50	2.2	<0.50	17	<1	<1	<1
MW-21 (MID)	04/10/13	CH2M Hill	<200	---	61	---	---	<1	<1	<1	<1	2.4	<1	22	3.3	<2	<2
MW-21 (MID)	10/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.8	0.81	35	3	<1	<1
MW-21 (MID)	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	4.2	0.51	<10	<1	<1	<1
MW-21 (MID)	10/30/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	3.6	0.69	<10	<1	<1	<1
MW-21 (MID)	04/22/15	CH2M Hill	<50	---	56	---	---	<0.50	<0.50	<0.50	<0.50	3.4	0.68	<10	<1	<1	<1
MW-21 (MID)	10/23/15	CH2M	57	---	120	---	---	<0.50	<0.50	<0.50	<0.50	3.4	1.1	<10	<1	<1	<1
MW-21 (MID)	04/13/16	CH2M	<50	---	87	---	---	<0.50	<0.50	<0.50	<0.50	3.5	0.79	<10	<1	<1	<1
MW-21 (MID)	10/05/16	CH2M	57	---	82	---	---	<0.50	<0.50	<0.50	<0.50	3.2	1.2	<10	<1	<1	<1
MW-21 (MID)	04/19/17	CH2M	<100	---	120	---	---	<0.50	<0.50	<0.50	<0.50	2.2	1	12	<1	<1	<1
MW-21 (MID)	10/03/17	CHHL	<50	---	67	---	---	<0.50	<0.50	<0.50	<0.50	3.1	1.4	10	<1	<1	<1
MW-21 (MID)	04/18/18	CHHL	68	---	110	---	---	<0.50	<0.50	<0.50	<0.50	2.4	1.3	<10	<1	<1	<1
MW-21 (MID)	11/07/18	CHHL	<50	---	90	---	---	<0.50	<0.50	<0.50	<0.50	1.4 J	0.6	<10	<1	<1	<1
MW-21 (MID)	04/18/19	CHHL	<50	---	56	---	---	<0.50	<0.50	<0.50	<0.50	3	1.5	<10	<1	<1	<1
MW-21 (MID)	10/30/19	Jacobs	<50	---	99	---	---	<0.50	<0.50	<0.50	<0.50	1.2	0.58	<10	<1.0	<1.0	<1.0
MW-21 (MID)	05/07/20	Jacobs	<50	---	59	---	---	<0.50	<0.50	<0.50	<0.50	0.93	0.80	<10	<1.0	<1.0	<1.0
MW-22 (MID)	11/21/96	GSI	46	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	4.7	<5	---	---	---	---
MW-22 (MID)	07/10/97	GTI	<50	---	650	<400	---	<5	<5	<5	<5	15	<5	---	---	---	---
MW-22 (MID)	01/06/98	GTI	---	---	400	<100	---	<5	<5	<5	<1	<5	<5	---	---	---	---
MW-22 (MID)	05/21/98	BBC	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	0.9	<0.50	---	---	---	---
MW-22 (MID)	08/26/98	Geomatrix	<300	545	---	---	---	<0.50	<0.50	<0.50	<0.50	2.1	<0.50	---	---	---	---
MW-22 (MID)	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	<0.50	---	---	---	---
MW-22 (MID)	02/02/99	Alton Geoscience	<500	---	<500	---	---	1.1	2.1	0.56	2.1	3.2	0.69	---	---	---	---
MW-22 (MID)	05/07/99	Alton Geoscience	---	---	<500	---	---	8	3.4	1.7	7.5	<1	6.9	---	---	---	---
MW-22 (MID)	05/26/99	GTI	<300	322	---	---	---	<0.50	<0.50	<0.50	<0.50	3.7	4.7	---	---	---	---
MW-22 (MID)	08/10/99	Alton Geoscience	<500	---	<1000	---	---	3.1	6.2	<1	4.9	8.9	<1	---	---	---	---
MW-22 (MID)	11/18/99	IT Corporation	<300	260	---	---	---	<0.50	<1	<0.50	<0.50	19	0.8	---	---	---	---
MW-22 (MID)	02/29/00	Secor	<300	470	---	---	---	<0.50	<0.50	<0.50	<0.50	29	3.3	---	---	---	---
MW-22 (MID)	05/16/00	IT Corporation	<300	380	---	---	---	<0.50	<0.50	<0.50	<0.50	16	2.4	---	---	---	---
MW-22 (MID)	08/29/00	Secor	<300	4400	---	---	---	<0.50	<0.50	<0.50	<0.50	45	14	---	---	---	---
MW-22 (MID)	11/28/00	Secor	<300	1100	---	---	---	<0.50	<0.50	<0.50	<0.50	88	13	---	---	---	---
MW-22 (MID)	11/29/00	IT Corporation	<300	870	---	---	---	<0.50	<0.50	<0.50	<0.50	88	13	---	---	---	---
MW-22 (MID)	02/06/01	Secor	<300	460	---	---	---	<1	<1	<1	<1	120	14	---	---	---	---
MW-22 (MID)	05/09/01	IT Corporation	<300	360	---	---	---	<0.50	<0.50	<0.50	<0.50	110	12	---	---	---	---
MW-22 (MID)	05/09/01	Secor	<300	230	---	---	---	<0.50	<0.50	<0.50	<0.50	83	11	---	---	---	---
MW-22 (MID)	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	30	4.5	---	---	---	---
MW-22 (MID)	11/07/01	IT Corporation	<300	130	---	---	---	<0.50	<0.50	<0.50	<0.50	36	6.5	---	---	---	---
MW-22 (MID)	01/30/02	Secor	<300	430	---	---	---	<0.50	<0.50	<0.50	<0.50	30	19	---	---	---	---
MW-22 (MID)	04/12/02	IT Corporation	<300	<100	---	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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)	07/30/02	IT Corporation	<300	210	---	---	---	<0.50	<0.50	<0.50	<0.50	24	8.7	---	---	---	---
MW-22 (MID)	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	18	5.4	---	---	---	---
MW-22 (MID)	01/28/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	18	4.8	---	---	---	---
MW-22 (MID)	04/11/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	9.12	2.38	---	---	---	---
MW-22 (MID)	10/11/03	Blaine Tech for Parsons	---	380	---	---	---	<0.50	<0.50	<0.50	<0.50	12	2.8	---	---	---	---
MW-22 (MID)	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	19	4.8	21	3.2	<2	<2
MW-22 (MID)	07/21/04	Blaine Tech for Parsons	180	280	---	---	---	<0.50	<0.50	<0.50	<0.50	---	11	---	---	---	---
MW-22 (MID)	11/04/04	Blaine Tech for Parsons	---	240	---	---	---	<0.50	<0.50	<0.50	<0.50	31	11	17	2.8	<2	<2
MW-22 (MID)	03/02/05	Blaine Tech for Parsons	---	180	---	---	---	<0.50	<1	<1	<1	---	15	---	---	---	---
MW-22 (MID)	05/07/05	Blaine Tech for Parsons	---	290	---	---	---	<0.50	<0.50	<0.50	<0.50	1.8	30	<10	<2	<2	<2
MW-22 (MID)	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.1	30	13	<2	<2	<2
MW-22 (MID)	05/05/06	Blaine Tech for Parsons	---	500	---	---	---	<0.50	<0.50	<0.50	<0.50	6.1	14	<10	<2	<2	<2
MW-22 (MID)	12/05/06	Blaine Tech for Parsons	---	130	---	---	---	<0.50	<0.50	<0.50	<0.50	5.3	16	13	<2	<2	<2
MW-22 (MID)	05/02/07	Blaine Tech for Parsons	---	200	---	---	---	<0.50	<0.50	<0.50	<0.50	4.4	14	17	<2	<2	<2
MW-22 (MID)	11/14/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	10	15	19	2.1	<2	<2
MW-22 (MID)	04/17/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	8.3	11	18	<2	<2	<2
MW-22 (MID)	10/16/08	Blaine Tech for Parsons	---	---	---	---	110	<0.50	<0.50	<0.50	<0.50	9.7	16	16	2.1	<2	<2
MW-22 (MID)	02/12/09	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	15	18	22	3.1	<2	<2
MW-22 (MID)	04/22/09	Blaine Tech for Parsons	---	---	---	---	110	<0.50	<0.50	<0.50	<0.50	11	23	22	<2	<2	<2
MW-22 (MID)	07/20/09	Blaine Tech for AMEC GMX	---	---	---	---	150	<0.50	<0.50	<0.50	<0.50	11	19	34	2.9	<2	<2
MW-22 (MID)	10/23/09	Blaine Tech for DESC	---	---	---	---	130	<0.50	<0.50	<0.50	<0.50	13	16	27	<2	<2	<2
MW-22 (MID)	01/13/10	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	9.7	13	24	2.1	<2	<2
MW-22 (MID)	04/13/10	Blaine Tech for DESC	---	---	---	---	220	<0.50	<0.50	<0.50	<0.50	11	8.7	23	1.8 J	<2	<2
MW-22 (MID)	10/04/10	Blaine Tech for Parsons	---	---	---	---	140	<0.50	---	---	---	10	13	<10	---	---	---
MW-22 (MID)	01/10/11	Blaine Tech for Parsons	---	---	---	---	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	Blaine Tech for Parsons	---	---	---	---	120	<0.50	<0.50	<0.50	<0.50	6.5	10	<10	0.76 J	<2	<2
MW-22 (MID)	07/11/11	Parsons	---	---	---	---	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	Parsons	---	---	---	---	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	Parsons	---	---	---	---	<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	Parsons	---	---	---	---	120	<0.50	<0.50	<0.50	<0.50	7.1	10	21	0.69 J	<2	<2
MW-22 (MID)	07/09/12	Parsons	---	---	---	---	<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	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	6.4	12	<10	0.85 J	<2	<2
MW-22 (MID)	01/14/13	Parsons	---	---	<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	Parsons	---	---	250 b	---	---	<0.50	<0.50	<0.50	<0.50	7	11	14	1.1 J	<2	<2
MW-22 (MID)	10/07/13	Parsons	<100	---	240 HD	---	---	<0.50	<0.50	<0.50	<0.50	3.7	4.6	<10	<2	<2	<2
MW-22 (MID)	04/16/14	Parsons	<100	---	100 HD	---	---	<0.50	<0.50	<0.50	<0.50	5	6.8	<10	0.64 J	<2	<2
MW-22 (MID)	10/28/14	SGI	<100	---	210	---	---	<0.50	<0.50	<0.50	<1	8.8	9.1	<10	<2	<2	<2
MW-22 (MID)	04/24/15	SGI	<100	---	240	---	---	<0.50	<0.50	<0.50	<1	10	8.9	19	2.6	<2	<2
MW-22 (MID)	10/23/15	SGI	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	8.7	6.5	18	2.7	<2	<2
MW-22 (MID)	04/13/16	SGI	<100	---	170	---	---	<0.50	<0.50	0.87	2.7	6.8	5	<10	<2	<2	<2
MW-22 (MID)	10/05/16	SGI	<100	---	170	---	---	1.5	<0.50	<0.50	<1	7.1	4.4	<10	<2	<2	<2
MW-22 (MID)	04/19/17	SGI	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	2.9	2.1	<10	<2	<2	<2
MW-22 (MID)	10/05/17	TSGS	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-22 (MID)	04/19/18	TSGS	<100	---	340	---	---	<0.50	<0.50	<0.50	<1	4.9	4.8 J	20 J	<2	<2	<2
MW-22 (MID)	11/08/18	TSGS	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	1.6	2	<10	<2	<2	<2
MW-22 (MID)	04/17/19	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.8	<10	<2	<2	<2
MW-22 (MID)	11/05/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	2.3	6.0	11	<2.0	<2.0	<2.0
MW-22 (MID)	05/07/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	1.7	<1.2	<10	<2.0	<2.0	<2.0
MW-23 (MID)	11/21/96	GSI	1400	---	<500	<500	---	62	<0.50	18	3.5	0.6	---	---	---	---	---
MW-23 (MID)	07/09/97	GTI	---	---	---	---	---	160	<1	21	26	---	---	---	---	---	---
MW-23 (MID)	07/09/97	GTI	140	---	970	<860	---	---	---	---	---	---	---	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-23 (MID)	01/06/98	GTI	---	---	<100	<100	---	<0.30	---	<0.30	---	---	---	---	---	---	---
MW-23 (MID)	05/20/98	BBC	<300	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-23 (MID)	11/04/98	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-23 (MID)	05/27/99	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-23 (MID)	11/18/99	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-23 (MID)	05/16/00	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-23 (MID)	11/29/00	IT Corporation	<300	2200	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-23 (MID)	05/10/01	IT Corporation	<300	1600	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-23 (MID)	11/07/01	IT Corporation	<300	600	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-23 (MID)	04/10/02	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-23 (MID)	10/23/02	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
MW-23 (MID)	04/10/03	GTI	---	<100	---	---	---	<1	<1	<1	<2	<3	<3	---	---	---	---
MW-23 (MID)	10/08/03	Blaine Tech for Parsons	---	160	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
MW-23 (MID)	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
MW-23 (MID)	11/04/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
MW-23 (MID)	05/10/05	Blaine Tech for Parsons	---	650	---	---	---	0.4	0.79	0.41	<0.30	---	<5	---	---	---	---
MW-23 (MID)	05/03/06	Blaine Tech for Parsons	---	6000	---	---	---	<0.30	<0.30	<0.30	0.32	---	<5	---	---	---	---
MW-23 (MID)	12/06/06	Blaine Tech for Parsons	---	240	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
MW-23 (MID)	05/02/07	Blaine Tech for Parsons	---	340	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
MW-23 (MID)	11/14/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
MW-23 (MID)	04/16/08	Blaine Tech for Parsons	---	120	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
MW-23 (MID)	10/15/08	Blaine Tech for Parsons	---	---	---	---	150	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-23 (MID)	04/21/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
MW-23 (MID)	10/23/09	Blaine Tech for DESC	---	---	---	---	150	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-23 (MID)	04/13/10	Blaine Tech for DESC	---	---	---	---	1000	<0.50	<0.50	<0.50	<0.50	---	<0.50	4.8 J	<2	<2	<2
MW-23 (MID)	10/04/10	Blaine Tech for Parsons	---	---	---	---	1400	<0.50	---	---	---	<0.50	0.73	<10	---	---	---
MW-23 (MID)	04/14/11	Blaine Tech for Parsons	---	---	---	---	1800	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	<10	<2	<2	<2
MW-23 (MID)	10/13/11	Parsons	---	---	---	---	1900	<0.50	<0.50	<0.50	<0.50	<0.50	10	14	<2	<2	<2
MW-23 (MID)	04/19/12	Parsons	---	---	---	---	1400	<0.50	<0.50	<0.50	0.32 J	<0.50	9.9	19	<2	<2	<2
MW-23 (MID)	10/19/12	Parsons	---	---	---	---	3600	<0.50	<0.50	0.25 J	0.43	<0.50	4.3	<10	<2	<2	<2
MW-23 (MID)	04/11/13	Parsons	---	---	4800	---	---	<0.50	<0.50	<0.50	0.85 J	<0.50	2.9	13	<2	<2	<2
MW-24	11/21/96	GSI	92	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	---	---	---	<1.5	---
MW-24	07/09/97	GTI	100	---	1400	<1000	---	11	<5	<5	<5	<5	<5	---	---	---	---
MW-24	01/06/98	GTI	700	---	<100	<100	---	93	<0.50	4	<1	<0.50	<0.50	---	---	---	---
MW-24	05/20/98	BBC	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-24	11/04/98	GTI	<300	129	---	---	---	11	2.7	2.1	18	<0.50	<0.50	---	---	---	---
MW-24	05/26/99	GTI	<300	142	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	11/18/99	IT Corporation	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	05/16/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	11/29/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	05/09/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	04/10/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	10/23/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
MW-24	04/11/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	10/08/03	Blaine Tech for Parsons	---	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	11/04/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	05/07/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	05/03/06	Blaine Tech for Parsons	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-24	12/06/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	05/03/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	11/14/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	04/17/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	10/16/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	04/21/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	10/23/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	04/13/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	10/04/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	0.51	<10	---	---	---
MW-24	04/13/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	10/13/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	04/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	6.3 J	<2	<2	<2
MW-24	10/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	<10	<2	<2	<2
MW-24	04/09/13	Parsons	---	---	150 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.87	<10	<2	<2	<2
MW-24	10/08/13	Parsons	<100	---	230 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	<10	<2	<2	<2
MW-24	04/16/14	Parsons	<100	---	110 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.87	<10	<2	<2	<2
MW-24	10/28/14	SGL	<100	---	240	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-24	04/24/15	SGL	<100	---	200	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-24	10/22/15	SGL	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-24	04/13/16	SGL	<100	---	<100	---	---	<0.50	<0.50	1.2	3.9	<0.50	<1	<10	<2	<2	<2
MW-24	04/18/17	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-24	10/02/17	TSGS	<100	---	210	---	---	1	<0.50	4.7	1.7	<0.50	<1	<10	<2	<2	<2
MW-24	10/25/17	TSGS	---	---	410	---	---	<0.50	<0.50	<0.50	<1	<0.50	1	<10	<2	<2	<2
MW-24	04/19/18	TSGS	<100	---	150	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.2	<10	<2	<2	<2
MW-24	11/08/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-24	04/17/19	TSGS	<100	---	520 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	2	<10	<2	<2	<2
MW-24	11/05/19	SGL	<100	---	1300	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-24	05/11/20	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-25	11/21/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	17	<5	---	---	---	---
MW-25	07/09/97	GTI	<50	---	660	<400	---	<5	<5	<5	<5	17	<5	---	---	---	---
MW-25	01/06/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	15	<0.50	---	---	---	---
MW-25	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	8.6	<0.50	---	---	---	---
MW-25	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	11	<0.50	---	---	---	---
MW-25	05/06/99	Alton Geoscience	<500	---	<500	---	---	1.9	1.2	0.68	3.3	14	1.3	---	---	---	---
MW-25	05/26/99	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	10	<0.50	---	---	---	---
MW-25	11/18/99	IT Corporation	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	27	0.7	---	---	---	---
MW-25	05/16/00	IT Corporation	<300	320	---	---	---	<0.50	<0.50	<0.50	<0.50	50	4.7	---	---	---	---
MW-25	11/28/00	Secor	<300	320	---	---	---	<0.50	<0.50	<0.50	<0.50	62	11	---	---	---	---
MW-25	11/29/00	IT Corporation	<300	<100	---	---	---	<0.50	0.6	<0.50	0.8	73	14	---	---	---	---
MW-25	05/09/01	IT Corporation	<300	240	---	---	---	<0.50	<0.50	<0.50	<0.50	45	7.1	---	---	---	---
MW-25	05/09/01	Secor	<300	150	---	---	---	<0.50	<0.50	<0.50	<0.50	36	6.2	---	---	---	---
MW-25	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	39	9.3	---	---	---	---
MW-25	04/12/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	9.4	---	---	---	---
MW-25	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	15	5.1	---	---	---	---
MW-25	04/11/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	30.6	8.61	---	---	---	---
MW-25	10/11/03	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	13	3.4	---	---	---	---
MW-25	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	13	3.5	<10	2.4	<2	<2
MW-25	11/04/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	3.4	<10	2.9	<2	<2
MW-25	05/07/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	5	<10	<2	<2	<2
MW-25	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.95	1.9	<10	<2	<2	<2
MW-25	05/05/06	Blaine Tech for Parsons	---	390	---	---	---	<0.50	<0.50	<0.50	<0.50	4.3	10	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	12/05/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3	3.5	<10	<2	<2	<2
MW-25	05/03/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	2.3	<10	<2	<2	<2
MW-25	11/14/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	1.3	<10	<2	<2	<2
MW-25	04/17/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.5	4.3	<10	<2	<2	<2
MW-25	10/16/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	8.9	6.1	<10	2.3	<2	<2
MW-25	04/22/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	8.3	2.9	<10	<2	<2	<2
MW-25	10/23/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4.1	0.83	<10	<2	<2	<2
MW-25	04/13/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	10	2.7	<10	2.5	<2	<2
MW-25	10/04/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	2	0.35 J	<10	---	---	---
MW-25	04/12/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	7.1	1.4	<10	0.71 J	<2	<2
MW-25	10/13/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	1.4	0.31 J	<10	<2	<2	<2
MW-25	04/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<2	<2	<2
MW-25	10/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	3.4	0.67	<10	<2	<2	<2
MW-25	04/09/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	3.6	0.49 J	<10	<2	<2	<2
MW-25	11/07/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	1.4	<1.2	<10	<2.0	<2.0	<2.0
MW-26	11/21/96	GSI	6700	---	<500	<500	---	460	400	200	340	0.7	---	---	---	---	---
MW-26	07/10/97	GTI	<50	---	270	<200	---	<5	<5	<5	<5	<5	340	---	---	---	---
MW-26	01/06/98	GTI	<500	---	<100	<100	---	<2.5	<2.5	<2.5	<5	<2.5	407	---	---	---	---
MW-26	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-26	11/04/98	GTI	<300	<100	---	---	---	<0.50	1.3	<0.50	1.1	<0.50	146	---	---	---	---
MW-26	05/26/99	GTI	8260	8790	---	---	---	3000	170	400	1000	<0.50	380	---	---	---	---
MW-26	11/18/99	IT Corporation	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	3.4	---	---	---	---
MW-26	05/16/00	IT Corporation	8400	7000	---	---	---	2300	<5	410	1480	<5	76	---	---	---	---
MW-26	11/29/00	IT Corporation	1800	1000	---	---	---	440	15	69	240	<10	69	---	---	---	---
MW-26	05/10/01	IT Corporation	<300	<100	---	---	---	2.1	<0.50	<0.50	<0.50	<0.50	1.9	---	---	---	---
MW-26	11/07/01	IT Corporation	1700	3700	---	---	---	370	79	37	171	<0.50	35	---	---	---	---
MW-26	04/11/02	IT Corporation	4000	5300	---	---	---	1200	<5	230	528	<5	65	---	---	---	---
MW-26	10/24/02	GTI	2100	5800	---	---	---	970	<5	<5	262	<2.5	74	---	---	---	---
MW-26	04/11/03	GTI	---	1390	---	---	---	858	<0.50	243	78.6	<0.50	108	---	---	---	---
MW-26	10/11/03	Blaine Tech for Parsons	---	900	---	---	---	4.6	<0.50	5.7	0.54	<0.50	29	---	---	---	---
MW-26	04/22/04	Blaine Tech for Parsons	---	570	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	140	18	<2	<2	<2
MW-26	11/04/04	Blaine Tech for Parsons	---	260	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	110	23	<2	<2	<2
MW-26	05/07/05	Blaine Tech for Parsons	---	170	---	---	---	<0.50	<0.50	3.1	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	05/05/06	Blaine Tech for Parsons	---	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	12/06/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	<10	<2	<2	<2
MW-26	05/03/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<2	<2	<2
MW-26	11/14/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.4	<10	<2	<2	<2
MW-26	04/17/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.99	<10	<2	<2	<2
MW-26	10/16/08	Blaine Tech for Parsons	---	---	---	---	150	<0.50	<0.50	<0.50	<0.50	<0.50	5	<10	<2	<2	<2
MW-26	04/22/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	10/23/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<2	<2	<2
MW-26	04/13/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	<10	<2	<2	<2
MW-26	10/04/10	Blaine Tech for Parsons	---	---	---	---	<100	1.6	---	---	---	<0.50	0.68	<10	---	---	---
MW-26	04/13/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	<10	<2	<2	<2
MW-26	10/13/11	Parsons	---	---	---	---	<100	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	04/17/12	Parsons	---	---	---	---	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	Parsons	---	---	---	---	1400	3.9	0.5	2.2	0.69	<0.50	1.4	5.6 J	<2	<2	<2
MW-26	04/09/13	Parsons	---	---	990 b	---	---	2	0.36 J	1.5	0.36 J	<0.50	0.74	<10	<2	<2	<2
MW-26	10/08/13	Parsons	610	---	730 HD	---	---	9.9	0.33 J	0.95	0.74	<0.50	0.97	5.9 J	<2	<2	<2
MW-26	04/16/14	Parsons	1200 HD	---	990 HD	---	---	1.7	0.47 J	1.1	0.84	<0.50	<0.50	14	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	10/30/14	SGI	1400	---	670	---	---	<0.50	<0.50	0.54	<1	<0.50	<2	<10	<2	<2	<2
MW-26	04/29/15	SGI	430	---	500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-26	10/23/15	SGI	280	---	230	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-26	04/13/16	SGI	200	---	200	---	---	0.8	<0.50	1.6	4.9	<0.50	<1	<10	<2	<2	<2
MW-26	10/05/16	SGI	170	---	270	---	---	2.2	<0.50	<0.50	<1	<0.50	1	<10	<2	<2	<2
MW-26	04/19/17	SGI	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-26	10/04/17	TSGS	210	---	370	---	---	1	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-26	04/19/18	TSGS	130	---	340	---	---	2.3	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-26	11/08/18	TSGS	<100	---	240	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-26	04/17/19	TSGS	<100	---	330	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-26	11/05/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-26	05/04/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-27	11/22/96	GSI	<50	---	<500	<500	---	180	12	25	50	<0.50	---	---	---	---	---
MW-27	07/10/97	GTI	420	---	400	<400	---	1400	28	53	253	<5	79	---	---	---	---
MW-27	01/06/98	GTI	1500	---	<100	100	---	940	<5	70	20	20	90	---	---	---	---
MW-27	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-27	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-27	05/26/99	GTI	<300	<100	---	---	---	<0.50	<0.50	0.71	1.33	<0.50	1.1	---	---	---	---
MW-27	11/18/99	IT Corporation	7200	6400	---	---	---	1700	8.6	100	1110	<0.50	170	---	---	---	---
MW-27	05/16/00	IT Corporation	<300	<100	---	---	---	1.7	<0.50	<0.50	<0.50	<0.50	5	---	---	---	---
MW-27	11/29/00	IT Corporation	<300	<100	---	---	---	0.9	0.7	0.7	1	0.6	17	---	---	---	---
MW-27	05/10/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-27	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-27	04/11/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	---	---	---	---
MW-27	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	9.7	---	---	---	---
MW-27	04/11/03	GTI	---	<100	---	---	---	<0.50	<0.50	2.76	<0.50	<0.50	16.7	---	---	---	---
MW-27	10/11/03	Blaine Tech for Parsons	---	150	---	---	---	6.2	<0.50	0.79	<0.50	<0.50	8.9	---	---	---	---
MW-27	04/22/04	Blaine Tech for Parsons	---	1600	---	---	---	130	<0.50	16	<0.50	<0.50	65	20	<2	<2	<2
MW-27	11/06/04	Blaine Tech for Parsons	---	540	---	---	---	1.6	<0.50	17	<0.50	<0.50	65	21	<2	<2	<2
MW-27	05/07/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<2	<2	<2
MW-27	05/05/06	Blaine Tech for Parsons	---	280	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<2	<2	<2
MW-27	12/06/06	Blaine Tech for Parsons	---	180	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	<10	<2	<2	<2
MW-27	05/03/07	Blaine Tech for Parsons	---	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<2	<2	<2
MW-27	11/14/07	Blaine Tech for Parsons	---	<100	---	---	---	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	04/18/08	Blaine Tech for Parsons	---	<100	---	---	---	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	10/17/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	04/22/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	10/26/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<10	<2	<2	<2
MW-27	04/13/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	7.5 J	<2	<2	<2
MW-27	10/04/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
MW-27	04/12/11	Blaine Tech for Parsons	---	---	---	---	430	<0.50	<0.50	0.35 J	3.2	<0.50	<0.50	<10	<2	<2	<2
MW-27	10/13/11	Parsons	---	---	---	---	180	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	04/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	10/16/12	Parsons	---	---	---	---	170	<0.50	<0.50	<0.50	<0.50	<0.50	5	12	<2	<2	<2
MW-27	04/09/13	Parsons	---	---	310 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.8	23	<2	<2	<2
MW-27	10/08/13	Parsons	<100	---	130 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	5.7 J	<2	<2	<2
MW-27	10/29/14	SGI	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-27	04/22/15	SGI	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.4	<10	<2	<2	<2
MW-27	10/23/15	SGI	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.7	<10	<2	<2	<2
MW-27	04/13/16	SGI	<100	---	160	---	---	1.2	<0.50	1.7	5.5	<0.50	3.3	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-27	10/05/16	SGI	<100	---	220	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.1	<10	<2	<2	<2
MW-27	04/19/17	SGI	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-27	10/04/17	TSGS	<100	---	260	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.1	<10	<2	<2	<2
MW-27	04/19/18	TSGS	<100	---	350	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.1	14	<2	<2	<2
MW-27	11/08/18	TSGS	<100	---	150	---	---	<0.50	<0.50	<0.50	<1	<0.50	2.5	<10	<2	<2	<2
MW-27	04/17/19	TSGS	<100	---	300	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-27	11/05/19	SGI	<100	---	130	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	1.4	<10	<2.0	<2.0	<2.0
MW-27	05/07/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	1.3	<10	<2.0	<2.0	<2.0
MW-28	11/27/96	GSI	1500	---	<500	<500	---	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---	---
MW-28	07/10/97	GTI	220	---	2200	<1900	---	<5	<5	<5	<5	<5	<5	---	---	---	---
MW-28	01/07/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-28	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-28	11/05/98	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-28	05/26/99	GTI	<300	<100	---	---	---	0.33	<0.30	<0.30	0.7	---	---	---	---	---	---
MW-28	11/18/99	IT Corporation	<300	330	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-28	05/17/00	IT Corporation	<300	250	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-28	12/01/00	IT Corporation	<300	470	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-28	05/10/01	IT Corporation	<300	3000	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-28	11/08/01	IT Corporation	300	160	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-28	04/12/02	IT Corporation	<300	170	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-28	04/22/15	SGI	<100	---	420	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-28	04/20/17	SGI	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	05/21/98	BBC	84700	---	---	---	---	313	45.7	314	366	---	---	---	---	---	---
MW-29	11/05/98	GTI	28600	19600	---	---	---	87	<0.30	2.2	31	---	---	---	---	---	---
MW-29	05/27/99	GTI	1810	2540	---	---	---	150	<0.60	160	23	---	---	---	---	---	---
MW-29	11/18/99	IT Corporation	5100	17000	---	---	---	220	<0.30	190	21	---	---	---	---	---	---
MW-29	05/17/00	IT Corporation	1100	3400	---	---	---	23	<0.30	35	7.6	---	---	---	---	---	---
MW-29	11/30/00	IT Corporation	2400	14000	---	---	---	120	<0.30	160	4.4	---	<5	---	---	---	---
MW-29	05/09/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-29	11/07/01	IT Corporation	1500	1500	---	---	---	14	<0.30	3.7	2.1	---	8.3	---	---	---	---
MW-29	02/01/02	Secor	---	---	---	---	---	100	7.3	160	990	<0.50	<0.50	---	---	---	---
MW-29	04/11/02	IT Corporation	860	5600	---	---	---	4.1	<0.30	4.3	12	---	<5	---	---	---	---
MW-29	04/12/13	Parsons	---	---	2200	---	---	<0.50	<0.50	0.64	1.19 J	<0.50	<0.50	<10	<2	<2	<2
MW-29	10/08/13	Parsons	570	---	2900 HD	---	---	0.21 J	<0.50	0.75	1.4	<0.50	<0.50	8.7 J	<2	<2	<2
MW-29	04/17/14	Parsons	710 HD	---	3300 HD	---	---	11	<0.50	0.75	1.46	<0.50	<0.50	9.4 J	<2	<2	<2
MW-29	10/31/14	SGI	700	---	3200	---	---	6.4	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-29	04/29/15	SGI	370	---	2900	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	11	<2	<2	<2
MW-29	10/26/15	SGI	120	---	490	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-29	04/14/16	SGI	<100	---	350	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	10/07/16	SGI	<100	---	250	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	04/20/17	SGI	<100	---	380	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	10/04/17	TSGS	<100	---	630	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	04/18/18	TSGS	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	11/06/18	TSGS	<100	---	250	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	04/19/19	TSGS	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	10/31/19	SGI	<100	---	250	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-29	05/07/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-O-1	10/08/10	Blaine Tech	32000	<30000	---	---	---	3700	1700	1100	1800	<50	60	<500	<50	<50	<50
MW-O-1	04/13/11	Blaine Tech	14000	40000	---	---	---	1900	370	400	2400	<20	13	<200	<20	<20	<20
MW-O-1	10/14/11	CH2M Hill	15000	22000	---	---	---	580	240	580	1800	<20	<10	<200	<20	<20	26
MW-O-1	10/19/12	CH2M Hill	4500	---	8800	---	---	570	160	94	540	<4	17	59	<4	<4	<4

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-O-1	10/27/15	CH2M	26000	---	20000	---	---	5900	3100	110	810	<100	280	<1000	<100	<100	<100
MW-O-2	10/05/10	Blaine Tech	570	<540	---	---	---	87	5.6	7.2	33	<1	81	33	3.3	<1	<1
MW-O-2	04/27/12	CH2M Hill	21000	---	13000	---	---	7900	120	200	570	<100	160	<1000	<100	<100	<100
MW-O-2	06/06/13	CH2M Hill	10000	---	7000	---	---	5400	<40	91	200	<80	190	<800	<80	<80	<80
MW-O-2	10/11/13	CH2M Hill	43000	---	4800	---	---	17000	710	530	1500	<130	710	<1300	<130	<130	<130
MW-O-2	04/17/14	CH2M Hill	37000	---	1200	---	---	16000	1600	220	1500	<100	900	2100	<100	<100	<100
MW-O-2	08/23/16	CH2M	73000	---	81000	---	---	3400	510	410	9700	0.46	410	680	30	<80	16
MW-O-2	10/06/17	CHHL	23000	---	11000	---	---	9400	<50	99	820	<100	210	1500	130	<100	<100
MW-O-2	11/09/18	CHHL	<5000	---	2600	---	---	2100	<25	<25	<25	<50	73	910	81	<50	<50
MW-O-2	04/18/19	CHHL	2000	---	11000	---	---	980	<5	<5	<5	<10	55	490	<10	<10	<10
MW-O-2	05/07/20	Jacobs	9200	---	8300	---	---	5,500	<15	60	<15	<30	49	970	<30	<30	<30
MW-SF-1	03/11/03	Geomatrix	1700	1500	---	---	---	1400	16	76	54	<1	620	---	---	---	---
MW-SF-1	08/01/03	Secor	13000	18000	---	---	---	4200	240	420	1020	<30	910	---	---	---	---
MW-SF-1	10/07/03	Secor	15000	7300	---	---	---	4800	170	390	1060	<40	800	---	---	---	---
MW-SF-1	04/22/04	Secor	27000	11000	---	---	---	11000	510	480	970	<100	3800	---	---	---	---
MW-SF-1	11/03/04	Secor	34000	12000	---	---	---	13000	400	690	1170	<100	2600	---	---	---	---
MW-SF-1	05/06/05	Secor	12000	8800	---	---	---	3900	220	240	340	<30	670	---	---	---	---
MW-SF-1	11/02/05	Secor	15000	9200	---	---	---	5600	340	330	1050	<50	570	---	---	---	---
MW-SF-1	05/09/06	Secor	20000	9000	---	---	---	8200	730	570	1050	<100	1300	---	---	---	---
MW-SF-1	12/08/06	Secor	19000	20000	---	---	---	7000	640	590	960	<100	650	---	---	---	---
MW-SF-1	03/13/07	Secor	10000	2700	---	---	---	3400	320	390	790	<50	160	---	---	---	---
MW-SF-1	05/04/07	Secor	11000	4600	---	---	---	3400	110	430	229	<50	340	---	---	---	---
MW-SF-1	08/30/07	Secor	16000	9000	---	---	---	6000	210	550	290	<100	430	---	---	---	---
MW-SF-1	11/14/07	Secor	16000	6300	---	---	---	6100	180	540	213	<50	400	---	---	---	---
MW-SF-1	02/21/08	Secor	23000	5600	---	---	---	11000	280	530	500	<100	1100	---	---	---	---
MW-SF-1	04/16/08	Secor	21000	11000	---	---	---	11000	350	440	550	<200	740	---	---	---	---
MW-SF-1	08/14/08	Secor	18000	27000	---	---	---	8200	240	390	253	<100	490	---	---	---	---
MW-SF-1	10/16/08	Stantec	21000	12000	---	---	---	10000	280	490	477	<100	770	---	---	---	---
MW-SF-1	02/24/09	Blaine Tech	11000	10000	---	---	---	6300	85	160	65	<50	420	<500	---	---	---
MW-SF-1	04/20/09	Blaine Tech for AMEC GMX	16000	11000	---	---	---	7500	210	340	261	<100	340	<1000	<100	<100	<100
MW-SF-1	07/22/09	Blaine Tech	12000	34000	---	---	---	6300	110	180	89	<50	510	540	<50	<50	<50
MW-SF-1	10/23/09	Blaine Tech for Parsons	21000	12000	---	---	---	11000	110	350	63	<100	620	<1000	<100	<100	<100
MW-SF-1	03/16/10	Blaine Tech for Parsons	13000	12000	---	---	---	5900	56	120	55	<50	650	<500	<50	<50	<50
MW-SF-1	05/27/10	Blaine Tech	8800	3500	---	---	---	3900	46	150	51	<40	140	<400	<40	<40	<40
MW-SF-1	07/13/10	Blaine Tech	8600	11000	---	---	---	4000	41	64	<25	<50	350	<500	<50	<50	<50
MW-SF-1	10/07/10	Blaine Tech	10000	<5000	---	---	---	5200	58	67	<50	<100	440	<1000	<100	<100	<100
MW-SF-1	01/12/11	Blaine Tech	15000	15000	---	---	---	8500	<50	<50	<50	<100	650	<1000	<100	<100	<100
MW-SF-1	04/13/11	Blaine Tech	16000	9400	---	---	---	7800	62	97	93	<100	450	<1000	<100	<100	<100
MW-SF-1	07/12/11	CH2M Hill	8400	12000	---	---	---	4700	34	76	<38	<50	240	<500	<50	<50	<50
MW-SF-1	10/12/11	CH2M Hill	9500	9800	---	---	---	4500	32	71	37	<50	180	<500	<50	<50	<50
MW-SF-1	01/10/12	CH2M Hill	15000	13000	---	---	---	7300	94	140	140	<100	240	<1000	<100	<100	<100
MW-SF-1	04/19/12	CH2M Hill	8800	---	17000	---	---	4600	33	90	83	<50	110	<500	<50	<50	<50
MW-SF-1	10/18/12	CH2M Hill	3700	---	6400	---	---	1500	<10	15	<10	<20	45	<200	<20	<20	<20
MW-SF-1	01/15/13	CH2M Hill	8500	---	4100	---	---	4500	93	56	39	<50	110	<500	<50	<50	<50
MW-SF-1	06/30/16	CH2M	260	---	760	---	---	0.69	<0.50	0.5	0.98	<1	1.6	19	<1	<1	<1
MW-SF-1	08/23/16	CH2M	<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	CH2M	55	---	1200	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	<10	<1	<1	<1
MW-SF-1	04/20/17	CH2M	<100	---	1800	---	---	2.1	<0.50	<0.50	<0.50	<1	0.92	17	<1	<1	<1
MW-SF-1	10/06/17	CHHL	<100	---	570	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
MW-SF-1	04/19/18	CHHL	61	---	310	---	---	<0.50	<0.50	<0.50	2.4	<0.50	<0.50	<10	<1	<1	<1
MW-SF-1	11/09/18	CHHL	<50	---	270	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	04/19/19	CHHL	<100	---	450	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
MW-SF-1	10/31/19	Jacobs	<200	---	580	---	---	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
MW-SF-1	05/12/20	Jacobs	<200	---	280	---	---	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
MW-SF-2	10/05/10	Blaine Tech	110000	<180000	---	---	---	21000	18000	1200	7100	<200	1700	<2000	<200	<200	<200
MW-SF-2	04/14/11	Blaine Tech	48000	26000	---	---	---	15000	1800	600	5400	<200	930	<2000	<200	<200	<200
MW-SF-2	10/13/11	CH2M Hill	72000	18000	---	---	---	18000	9600	660	5100	<200	940	<2000	<200	<200	<200
MW-SF-3	10/04/10	Blaine Tech	<500	<3700	---	---	---	32	10	<2.5	8.4	<5	50	3000	<5	<5	<5
MW-SF-3	04/29/11	Blaine Tech	15000	52000	---	---	---	5200	590	140	520	<50	2300	1200	<50	<50	<50
MW-SF-3	10/14/11	CH2M Hill	9500	3400	---	---	---	4300	<25	28	38	<50	98	<500	<50	<50	<50
MW-SF-3	11/03/15	CH2M	280000	---	240000	---	---	11000	18000	1200	28000	<200	7600	<2000	<200	<200	<200
MW-SF-4	03/11/03	Geomatrix	3600	2500	---	---	---	1100	<13	180	120	<13	750	---	---	---	---
MW-SF-4	10/08/03	Secor	40000	86000	---	---	---	4600	1900	990	5200	<40	530	---	---	---	---
MW-SF-4	02/21/08	Secor	25000	9900	---	---	---	4100	89	1200	2730	<40	330	---	---	---	---
MW-SF-4	04/16/08	Secor	21000	11000	---	---	---	4600	94	970	2920	<100	380	---	---	---	---
MW-SF-4	08/14/08	Secor	20000	54000	---	---	---	4200	43	1100	770	<50	260	---	---	---	---
MW-SF-4	10/16/08	Stantec	17000	12000	---	---	---	3700	42	1100	1196	<40	170	---	---	---	---
MW-SF-4	02/23/09	Blaine Tech	20000	32000	---	---	---	6400	92	1000	1420	<50	950	<500	---	---	---
MW-SF-4	05/28/10	Blaine Tech	17000	8800	---	---	---	7200	39	370	250	<50	440	<500	120	<50	<50
MW-SF-4	07/14/10	Blaine Tech	13000	9500	---	---	---	4400	37	450	360	<50	320	<500	64	<50	<50
MW-SF-4	10/07/10	Blaine Tech	30000	<31000	---	---	---	8900	<50	940	770	<100	620	<1000	<100	<100	<100
MW-SF-4	01/12/11	Blaine Tech	20000	18000	---	---	---	8500	<50	350	280	<100	350	<1000	100	<100	<100
MW-SF-4	04/13/11	Blaine Tech	11000	28000	---	---	---	2600	<15	320	297	<30	180	<300	<30	<30	<30
MW-SF-4	07/12/11	CH2M Hill	15000	10000	---	---	---	4500	36	530	540	<50	220	<500	<50	<50	<50
MW-SF-4	01/10/12	CH2M Hill	22000	54000	---	---	---	4900	<25	590	770	<50	160	<500	<50	<50	<50
MW-SF-4	04/20/12	CH2M Hill	19000	---	7200	---	---	4500	36	480	430	<50	460	<500	<50	<50	<50
MW-SF-4	10/19/12	CH2M Hill	8900	---	9900	---	---	2200	40	280	420	<20	160	410	<20	<20	<20
MW-SF-4	01/15/13	CH2M Hill	13000	---	3700	---	---	5000	46	660	300	<80	380	<800	<80	<80	<80
MW-SF-4	06/30/16	CH2M	540	---	20000	---	---	2.3	<0.50	0.75	20	<0.50	<0.50	<10	<1	<1	<1
MW-SF-4	08/23/16	CH2M	<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	CH2M	<500	---	4700	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
MW-SF-4	04/20/17	CH2M	<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	CHHL	<200	---	3300	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-SF-4	04/20/18	CHHL	<50	---	1300	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-SF-4	04/19/19	CHHL	<50	---	1800	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-SF-4	10/31/19	Jacobs	<50	---	640	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-SF-4	05/12/20	Jacobs	<50	---	260	---	---	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-SF-5	10/08/10	Blaine Tech	540	<2700	---	---	---	110	1.1	<1	<1	<2	400	180	18	<2	<2
MW-SF-5	04/13/11	Blaine Tech	570	2900	---	---	---	41	<2	<2	<2	<4	380	270	24	<4	<4
MW-SF-5	10/13/11	CH2M Hill	<500	2900	---	---	---	6.9	<2.5	<2.5	<2.5	<5	240	100	11	<5	<5
MW-SF-5	10/31/14	CH2M Hill	<200	---	1800	---	---	3.4	7	1	14	<2	17	70	<2	<2	<2
MW-SF-5	04/24/15	CH2M Hill	<500	---	1200	---	---	190	<2.5	<2.5	<2.5	<5	16	<50	<5	<5	<5
MW-SF-5	10/27/15	CH2M	270	---	370	---	---	13	0.52	<0.50	0.89	<0.50	10	35	2	<1	<1
MW-SF-6	10/08/10	Blaine Tech	59000	9200	---	---	---	15000	7200	940	4300	<200	740	<2000	<200	<200	<200
MW-SF-6	04/14/11	Blaine Tech	32000	12000	---	---	---	12000	330	540	3800	<100	810	<1000	<100	<100	<100
MW-SF-6	10/13/11	CH2M Hill	40000	11000	---	---	---	14000	420	780	3600	<200	570	<2000	<200	<200	<200
MW-SF-6	08/23/16	CH2M	13000	---	2700	---	---	2400	<10	66	1300	<20	58	510	<20	<20	<20
MW-SF-6	10/07/16	CH2M	8400	---	10000	---	---	430	<5	35	640	<10	53	390	<10	<10	<10
MW-SF-6	04/20/17	CH2M	2000	---	3900	---	---	42	<1	5.8	37	<2	21	130	22	<2	<2
MW-SF-6	10/06/17	CHHL	1300	---	71000	---	---	98	<1	32	53	<2	3.1	32	4.2	<2	<2
MW-SF-6	04/20/18	CHHL	<200	---	5200	---	---	5.5	<1	1.8	1.5	<2	3.6	110	5.6	<2	<2
MW-SF-6	11/09/18	CHHL	<200	---	8200	---	---	12	<1	3.1	4.1	<2	4.2	37	5.2	<2	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-6	04/19/19	CHHL	200	---	6300	---	---	12	<1	6.2	6.4	<2	2.8	66	13	<2	<2
MW-SF-6	10/31/19	Jacobs	<200	---	13000	---	---	2.8	<1.0	1.8	1.6	<2.0	1.0	60	6.6	<2.0	<2.0
MW-SF-6	05/11/20	Jacobs	<200	---	3100	---	---	2.8	<1.0	<1.0	<1.0	<2.0	3.2	180	20	<2.0	<2.0
MW-SF-9	03/11/03	Geomatrix	24000	13000	---	---	---	3200	940	340	1040	<25	1600	---	---	---	---
MW-SF-9	08/01/03	Secor	6600	95000	---	---	---	980	72	140	430	17	2500	---	---	---	---
MW-SF-9	10/07/03	Secor	5800	3300	---	---	---	340	8.8	82	92	<5	3200	---	---	---	---
MW-SF-9	05/04/05	Secor	5700	9700	---	---	---	730	73	130	190	<10	54	---	---	---	---
MW-SF-9	11/03/05	Secor	<500	690	---	---	---	9.4	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
MW-SF-9	12/08/06	Secor	<500	10000	---	---	---	35	<2.5	<2.5	3.6	<5	8.7	---	---	---	---
MW-SF-9	11/14/07	Secor	110	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-SF-9	04/16/08	Secor	920	5800	---	---	---	200	1.4	6.3	3.9	<1	16	---	---	---	---
MW-SF-9	10/21/08	Stantec	350	770	---	---	---	10	<0.50	2.3	<0.50	<1	<0.50	---	---	---	---
MW-SF-9	04/23/09	Blaine Tech for AMEC GMX	430	3800	---	---	---	44	<0.50	1.2	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-SF-9	10/22/09	Blaine Tech for Parsons	2400	5900	---	---	---	1300	<10	11	<10	<20	13	<200	<20	<20	<20
MW-SF-9	05/27/10	Blaine Tech	350	8200	---	---	---	100	1.3	<1	<1	<2	<1	<20	<2	<2	<2
MW-SF-9	10/07/10	Blaine Tech	1100	<7300	---	---	---	450	7.8	17	<2.5	<5	<2.5	<50	<5	<5	<5
MW-SF-9	04/13/11	Blaine Tech	310	5900	---	---	---	36	<0.50	<0.50	1.23	<1	<0.50	<10	<1	<1	<1
MW-SF-9	04/19/12	CH2M Hill	480	---	3300	---	---	160	<1	<1	<1	<2	<1	<20	2.2	<2	<2
MW-SF-9	06/06/13	CH2M Hill	2300	---	4500	---	---	680	25	52	190	<10	20	<100	40	<10	<10
MW-SF-9	10/11/13	CH2M Hill	4100	---	7300	---	---	910	220	55	310	<20	17	<200	<20	<20	<20
MW-SF-9	04/14/16	CH2M	2300	---	5100	---	---	96	1.8	64	170	<3	1.7	130	3.4	<3	<3
MW-SF-10	10/05/10	Blaine Tech	30000	<220000	---	---	---	1500	1200	600	2700	<30	31	<300	<30	<30	<30
MW-SF-10	04/14/11	Blaine Tech	31000	160000	---	---	---	520	68	410	6500	<20	21	<200	<20	<20	<20
MW-SF-10	10/13/11	CH2M Hill	18000	46000	---	---	---	320	320	260	2900	<20	<10	<200	<20	<20	<20
MW-SF-11	10/05/10	Blaine Tech	7800	650	---	---	---	4000	210	<15	110	<30	140	940	<30	<30	<30
MW-SF-11	04/29/11	Blaine Tech	16000	2500	---	---	---	10000	60	95	140	<100	130	<1000	<100	<100	<100
MW-SF-11	10/13/11	CH2M Hill	30000	2300	---	---	---	14000	250	340	600	<200	<100	<2000	<200	<200	<200
MW-SF-11	04/19/12	CH2M Hill	15000	---	160	---	---	8100	130	110	480	<100	100	<1000	<100	<100	<100
MW-SF-11	10/18/12	CH2M Hill	77000	---	320	---	---	18000	420	2600	6500	<200	<100	<2000	<200	<200	<200
MW-SF-12	10/05/10	Blaine Tech	17000	1900	---	---	---	5300	1800	110	680	<50	2200	880	<50	<50	<50
MW-SF-12	04/29/11	Blaine Tech	27000	19000	---	---	---	5900	4400	340	3400	<50	2200	<500	<50	<50	<50
MW-SF-12	10/13/11	CH2M Hill	110000	11000	---	---	---	24000	18000	1000	6400	<200	7200	<2000	<200	<200	<200
MW-SF-13	10/05/10	Blaine Tech	9000	2900	---	---	---	2100	1000	83	520	<20	680	280	61	<20	<20
MW-SF-13	04/29/11	Blaine Tech	3400	6300	---	---	---	1000	64	20	189	<10	39	270	23	<10	<10
MW-SF-13	10/14/11	CH2M Hill	42000	13000	---	---	---	12000	5200	300	2200	<200	580	<2000	<200	<200	<200
MW-SF-13	08/23/16	CH2M	790	---	2600	---	---	2.6	1.2	8.2	24	<2	<1	<20	<2	<2	<2
MW-SF-13	10/07/16	CH2M	5300	---	4400	---	---	<5	<5	200	350	<10	<5	<100	<10	<10	<10
MW-SF-13	04/20/17	CH2M	2000	---	1500	---	---	3.9	1.6	26	60	<2	1.9	36	4.8	<2	<2
MW-SF-13	10/06/17	CHHL	<100	---	2700	---	---	2	0.67	<0.50	<0.50	<1	0.98	18	2.6	<1	<1
MW-SF-13	04/20/18	CHHL	<100	---	1400	---	---	1.3	<0.50	<0.50	<0.50	<1	0.55	<10	<1	<1	<1
MW-SF-13	11/09/18	CHHL	<200	---	530	---	---	1.2	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-SF-13	04/19/19	CHHL	<200	---	980	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-SF-13	11/01/19	Jacobs	<200	---	1000	---	---	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
MW-SF-13	05/12/20	Jacobs	<100	---	1100	---	---	0.79	<0.50	<0.50	<0.50	<1.0	0.58	<10	<1.0	<1.0	<1.0
MW-SF-14	10/08/10	Blaine Tech	30000	9300	---	---	---	10000	300	900	1400	<200	1900	2300	<200	<200	<200
MW-SF-14	04/29/11	Blaine Tech	18000	6500	---	---	---	12000	84	130	150	<100	330	1800	<100	<100	<100
MW-SF-14	10/13/11	CH2M Hill	<20000	6900	---	---	---	9100	120	<100	660	<200	760	<2000	<200	<200	<200
MW-SF-14	04/19/12	CH2M Hill	15000	---	450	---	---	8200	47	43	120	<50	220	630	<50	<50	<50
MW-SF-14	10/18/12	CH2M Hill	9800	---	200	---	---	5100	24	<20	64	<40	58	<400	<40	<40	<40
MW-SF-14	04/24/15	CH2M Hill	510	---	3300	---	---	100	13	<2.5	18	<5	21	<50	<5	<5	<5
MW-SF-14	10/27/15	CH2M	270000	---	440000	---	---	8700	18000	2800	19000	<200	2600	<2000	<200	<200	<200

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	04/15/16	CH2M	370	---	17000	---	---	4.7	<0.50	<0.50	39	<0.50	63	500	<1	<1	<1
MW-SF-15	10/05/10	Blaine Tech	8600	2000	---	---	---	1900	700	63	500	<20	1000	9200	37	<20	<20
MW-SF-15	04/29/11	Blaine Tech	10000	3800	---	---	---	5500	230	100	361	<40	1200	3400	62	<40	<40
MW-SF-15	10/14/11	CH2M Hill	35000	39000	---	---	---	11000	860	210	1700	<200	780	2300	<200	<200	<200
MW-SF-15	08/23/16	CH2M	300	---	1400	---	---	5.2	0.57	3	23	0.04	38	440	5.2	0.78	1.4
MW-SF-15	10/07/16	CH2M	<500	---	16000	---	---	7.1	<2.5	<2.5	3.5	<5	26	720	12	<5	<5
MW-SF-15	04/20/17	CH2M	190	---	550	---	---	2.5	<0.50	0.69	<0.50	<1	17	300	48	<1	<1
MW-SF-15	10/06/17	CHHL	110	---	1300	---	---	1.5	<0.50	<0.50	<0.50	<1	1.3	180	52	<1	<1
MW-SF-15	04/20/18	CHHL	120	---	410	---	---	2.1	<0.50	<0.50	<0.50	<1	4.6	1400	53	<1	<1
MW-SF-15	11/08/18	CHHL	130	---	140	---	---	1.6	<0.50	<0.50	<0.50	0.85	1.9	220	55	<1	<1
MW-SF-15	04/23/19	CHHL	130	---	870	---	---	3	0.91	0.53	4.9	<1	1.8	71	54	<1	<1
MW-SF-15	10/31/19	Jacobs	130	---	600	---	---	0.55	<0.50	<0.50	<0.50	<1.0	3.5	83	69	<1.0	<1.0
MW-SF-15	05/11/20	Jacobs	<100	---	230	---	---	0.89	<0.50	<0.50	<0.50	<1.0	1.5	120	85	<1.0	<1.0
MW-SF-16	10/04/10	Blaine Tech	4100	<1400	---	---	---	1600	150	39	160	<20	170	1800	39	<20	<20
MW-SF-16	04/29/11	Blaine Tech	5900	2400	---	---	---	2400	210	150	563	<20	210	370	30	<20	<20
MW-SF-16	10/14/11	CH2M Hill	7900	2500	---	---	---	2900	130	140	380	<50	200	<500	<50	<50	<50
MW-SF-16	10/31/14	CH2M Hill	100000	---	110000	---	---	7400	7800	1000	17000	<200	350	<2000	<200	<200	<200
MW-SF-16	04/24/15	CH2M Hill	30000	---	250000	---	---	1400	2300	570	4100	<40	170	<400	<40	<40	<40
MW-SF-16	10/27/15	CH2M	3000	---	490	---	---	750	39	35	160	<20	41	<200	37	<20	<20
PO-7	11/08/05	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
PW-1	11/27/96	Terra Services	---	---	---	---	---	<1	2.2	<1	2	270	<10	---	---	---	---
PW-1	07/15/97	Terra Services	190	---	<500	---	---	<0.50	<0.50	<0.50	<1	180	<5	---	---	---	---
PW-1	01/05/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	68	<5	---	---	---	---
PW-1	05/22/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	38	<0.50	---	---	---	---
PW-1	11/13/98	Alton Geoscience	<300	---	---	---	---	<0.50	<0.50	<0.50	<0.50	73	8.1	---	---	---	---
PW-1	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	5.7	<0.50	---	---	---	---
PW-1	11/17/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	<0.50	---	---	---	---
PW-1	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	<0.50	---	---	---	---
PW-1	11/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.7	<0.50	---	---	---	---
PW-1	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---
PW-1	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	---	---	---	---
PW-1	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	10/23/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	10/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	11/04/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.1	<0.50	---	---	---	---
PW-1	05/09/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	05/05/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	04/18/08	Secor	<50	460	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	11/21/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	04/20/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	11/07/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	11/25/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	76	3.3	---	---	---	---
PW-2	07/14/97	Terra Services	140	---	<500	---	---	<0.50	<0.50	<0.50	<1	160	<5	---	---	---	---
PW-2	01/06/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	82	<5	---	---	---	---
PW-2	05/22/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	37	0.9	---	---	---	---
PW-2	08/25/98	Geomatrix	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	6.8	<0.50	---	---	---	---
PW-2	11/16/98	Alton Geoscience	<300	---	---	---	---	16	18	2	10.9	35	58	---	---	---	---
PW-2	02/03/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	79	2.4	---	---	---	---
PW-2	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	3.4	<0.50	---	---	---	---
PW-2	08/10/99	Alton Geoscience	<500	---	<1000	---	---	<0.50	<1	<1	<1	32	<1	---	---	---	---
PW-2	11/19/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	45	0.7	---	---	---	---
PW-2	02/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	58	<0.50	---	---	---	---
PW-2	05/16/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	50	0.8	---	---	---	---
PW-2	08/29/00	Secor	<300	760	---	---	---	<0.50	<0.50	<0.50	<0.50	56	0.6	---	---	---	---
PW-2	11/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	35	0.6	---	---	---	---
PW-2	02/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	28	0.8	---	---	---	---
PW-2	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	14	<0.50	---	---	---	---
PW-2	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	24	<0.50	---	---	---	---
PW-2	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	<0.50	---	---	---	---
PW-2	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	1.7	19	<0.50	---	---	---	---
PW-2	10/24/02	Secor	<300	1000	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	01/16/03	Geomatrix	<300	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
PW-2	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	07/07/03	Geomatrix	---	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
PW-2	10/07/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	8.8	<0.50	---	---	---	---
PW-2	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	18	0.56	---	---	---	---
PW-2	07/08/04	Geomatrix	<50	250	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	11/03/04	Secor	83	140	---	---	---	<0.50	<0.50	<0.50	<0.50	52	1.5	---	---	---	---
PW-2	05/06/05	Secor	110	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	70	6.2	---	---	---	---
PW-2	11/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	05/04/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	12/06/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	6.8	<0.50	---	---	---	---
PW-2	05/02/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.57	<0.50	---	---	---	---
PW-2	11/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	04/17/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	11/25/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	110	<5	---	---	---	---
PW-3	07/14/97	Terra Services	140	---	<500	---	---	5.9	2.4	2.9	8.4	67	<5	---	---	---	---
PW-3	01/08/98	Terra Services	<100	---	<500	---	---	1.2	1.1	<0.50	<1.5	46	<5	---	---	---	---
PW-3	05/22/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	48	1.6	---	---	---	---
PW-3	08/25/98	Geomatrix	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	35.3	<0.50	---	---	---	---
PW-3	11/16/98	Alton Geoscience	<300	---	---	---	---	<0.50	4.5	0.6	3.6	21	<0.50	---	---	---	---
PW-3	02/03/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	25	<0.50	---	---	---	---
PW-3	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	21	<0.50	---	---	---	---
PW-3	08/10/99	Alton Geoscience	<500	---	<1000	---	---	<0.50	<1	<1	<1	13	<1	---	---	---	---
PW-3	11/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.5	<0.50	---	---	---	---
PW-3	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.4	<0.50	---	---	---	---
PW-3	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.7	<0.50	---	---	---	---
PW-3	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.8	<0.50	---	---	---	---
PW-3	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3	<0.50	---	---	---	---
PW-3	10/24/02	Secor	<300	1600	---	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	01/16/03	Geomatrix	<300	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
PW-3	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.73	<0.50	---	---	---	---
PW-3	07/07/03	Geomatrix	---	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
PW-3	10/07/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.6	<0.50	---	---	---	---
PW-3	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	07/13/04	Geomatrix	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	11/03/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	05/06/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<0.50	---	---	---
PW-3	11/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	05/03/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	12/06/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	---	---	---	---
PW-3	05/02/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	11/15/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	04/17/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	10/17/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	04/20/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.64	<0.50	<10	<1	<1	<1
PW-3	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.86	<0.50	<10	<1	<1	<1
PW-3	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<1	<1	<1
PW-3	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<10	1	<1	<1
PW-3	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/22/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/21/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.67	<0.50	<10	<1	<1	<1
PW-3	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/19/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/31/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	05/11/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PZ-1	11/27/96	Terra Services	---	---	---	---	---	79	16	140	49	15	610	---	---	---	---
PZ-1	07/16/97	Terra Services	220	---	<500	---	---	<0.50	<0.50	13	<1	3	480	---	---	---	---
PZ-1	01/06/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	1.3	17	---	---	---	---
PZ-1	05/26/98	Terra Services	400	---	---	---	---	<5	<5	<5	<10	<5	370	---	---	---	---
PZ-1	11/16/98	Alton Geoscience	516	<100	---	---	---	110	67	8	38	7.2	320	---	---	---	---
PZ-1	05/06/99	Alton Geoscience	2000	---	<500	---	---	500	<2	13	120	<5	230	---	---	---	---
PZ-1	11/17/99	Secor	<300	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<2.5	210	---	---	---	---
PZ-1	05/17/00	Secor	350	740	---	---	---	51	<2.5	2.7	<2.5	<2.5	250	---	---	---	---
PZ-1	11/29/00	Secor	390	720	---	---	---	79	<2.5	<2.5	<2.5	<2.5	260	---	---	---	---
PZ-1	05/08/01	Secor	<300	380	---	---	---	15	<0.50	<0.50	<0.50	<0.50	330	---	---	---	---
PZ-1	11/06/01	Secor	550	140	---	---	---	8.4	<0.50	<0.50	0.7	1.4	470	---	---	---	---
PZ-1	04/09/02	Secor	<300	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<2.5	270	---	---	---	---
PZ-2	04/11/13	CH2M Hill	210	---	940	---	---	9.9	<1	13	<1	<2	<1	<20	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-2	10/11/13	CH2M Hill	400	---	580	---	---	9	<0.50	1.3	2	<1	<0.50	23	<1	<1	<1
PZ-2	04/17/14	CH2M Hill	330	---	280	---	---	2	<0.50	<0.50	2.6	<1	0.6	25	<1	<1	<1
PZ-2	04/23/15	CH2M Hill	250	---	810	---	---	<1	<1	2.5	13	<2	<1	29	<2	<2	<2
PZ-2	10/27/15	CH2M	210	---	460	---	---	1.2	<0.50	1.2	3.8	<0.50	0.56	42	<1	<1	<1
PZ-2	03/15/16	CH2M	1200	---	1800	---	---	150	16	32	72	<2	4	<20	<2	<2	<2
PZ-2	04/13/16	CH2M	2300	---	1300	---	---	110	20	120	390	<2	1.3	<20	<2	<2	<2
PZ-2	06/30/16	CH2M	790	---	550	---	---	77	3	21	43	<0.50	1.2	<10	1	<1	<1
PZ-2	08/23/16	CH2M	590	---	570	---	---	62	7.9	12	37	0.55	1.3	11	1.4	<2	0.38
PZ-2	10/06/16	CH2M	410	---	550	---	---	3.5	0.84	8.2	22	<0.50	1.7	23	<1	<1	<1
PZ-2	04/20/17	CH2M	<50	---	94	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	<10	<1	<1	<1
PZ-2	10/05/17	CHHL	120	---	440	---	---	<0.50	<0.50	<0.50	2.6	<0.50	1.1	<10	<1	<1	<1
PZ-2	04/19/18	CHHL	110	---	680	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	<10	<1	<1	<1
PZ-2	11/09/18	CHHL	<50	---	200	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5 J	<10	<1	<1	<1
PZ-2	04/19/19	CHHL	<50	---	150	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1	<1	<1
PZ-2	10/30/19	Jacobs	<50	---	410	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PZ-2	05/11/20	Jacobs	<50	---	270	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	<10	<1.0	<1.0	<1.0
PZ-3	04/22/04	Blaine Tech for Parsons	---	56000	---	---	---	6300	<1500	4100	24000	---	<25000	---	---	---	---
PZ-3	04/22/09	Blaine Tech for Parsons	---	---	---	---	2200	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
PZ-3	04/15/10	Blaine Tech for DESC	---	---	---	---	1600	2.2	<0.50	<0.50	<0.50	<0.50	0.74	<10	<2	<2	<2
PZ-3	10/08/10	Blaine Tech for Parsons	---	---	---	---	430	0.6	---	---	---	<0.50	0.69	<10	---	---	---
PZ-3	04/14/11	Blaine Tech for Parsons	---	---	---	---	2700	1.3	<0.50	<0.50	<0.50	<0.50	0.71	<10	<2	<2	<2
PZ-3	10/14/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
PZ-3	04/19/12	Parsons	---	---	---	---	590	0.68	<0.50	<0.50	0.26 J	<0.50	0.52	6.6 J	<2	<2	<2
PZ-3	10/19/12	Parsons	---	---	---	---	5000	280	<0.50	150	362	<0.50	<0.50	<10	<2	<2	<2
PZ-3	10/09/13	Parsons	2100	---	10000 HD	---	---	53	0.25 J	44	95.3	<0.50	1.6	<10	<2	<2	<2
PZ-3	04/18/14	Parsons	5300 HD	---	6900 HD	---	---	420	<0.50	7.4	1.86	<0.50	1.2	18	<2	<2	<2
PZ-3	11/03/14	SGI	1300	---	2700	---	---	52	<0.50	1.4	<1	<0.50	3.7	12	<2	<2	<2
PZ-3	04/22/15	SGI	3000	---	3600	---	---	59	<0.50	1.2	<1	<0.50	2.8	<10	<2	<2	<2
PZ-3	10/10/17	TSGS	710	---	1500	---	---	28	<1	<1	<2	<1	<2	<20	<4	<4	<4
PZ-3	04/20/18	TSGS	690	---	5300 J	---	---	94	<1	1.9	1	<1	11	<20	<4	<4	<4
PZ-3	11/12/18	TSGS	690	---	4300	---	---	16	<0.50	0.5	<1	<0.50	2.3	<10	<2	<2	<2
PZ-3	04/19/19	TSGS	<100	---	330	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
PZ-3	10/31/19	SGI	210	---	520	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	3.1	<10	<2.0	<2.0	<2.0
PZ-3	05/08/20	SGI	<100	---	490	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
PZ-5	10/07/03	Secor	6900	<100	---	---	---	11	<10	<10	<10	<20	9100	---	---	---	---
PZ-5	05/05/05	Secor	<50	<100	---	---	---	0.87	<0.50	<0.50	<0.50	<0.50	43	---	---	---	---
PZ-5	11/02/05	Secor	1200	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	2100	---	---	---	---
PZ-5	02/28/06	Secor	160	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	380	---	---	---	---
PZ-5	05/04/06	Secor	1200	<100	---	---	---	<2	<2	<2	<2	<4	1900	---	---	---	---
PZ-5	09/19/06	Secor	480	<100	---	---	---	<1	<1	<1	<1	<2	1200	---	---	---	---
PZ-5	12/07/06	Secor	480	<100	---	---	---	<1.5	<1.5	<1.5	<1.5	<3	960	---	---	---	---
PZ-5	03/13/07	Secor	320	<100	---	---	---	<1	<1	<1	<1	<2	690	---	---	---	---
PZ-5	05/04/07	Secor	400	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	610	---	---	---	---
PZ-5	08/29/07	Secor	380	<100	---	---	---	<1	<1	<1	<1	<2	480	---	---	---	---
PZ-5	11/15/07	Secor	370	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	470	---	---	---	---
PZ-5	02/20/08	Secor	940	560	---	---	---	<1	<1	<1	<1	<2	750	---	---	---	---
PZ-5	04/15/08	Secor	750	330	---	---	---	<1	<1	<1	<1	<2	740	---	---	---	---
PZ-5	08/12/08	Secor	1500	370	---	---	---	<2	<2	<2	<2	<4	2000	---	---	---	---
PZ-5	10/16/08	Stantec	<3000	210	---	---	---	22	<15	<15	<15	<30	1900	---	---	---	---
PZ-5	02/24/09	Blaine Tech	1000	440	---	---	---	61	<1	<1	<1	<2	1200	37000	---	---	---
PZ-5	02/24/09	Blaine Tech	1200	760	---	---	---	250	<2	5.7	<2	<4	1200	35000	<4	<4	<4

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	04/23/09	Blaine Tech for AMEC GMX	1200	760	---	---	---	250	<2	5.7	<2	<4	1200	35000	<4	<4	<4
PZ-5	07/22/09	Blaine Tech	3800	1800	---	---	---	2000	20	98	77	<5	800	54000	<5	<5	<5
PZ-5	10/23/09	Blaine Tech for Parsons	2900	1300	---	---	---	1100	18	53	69	<10	500	50000	<10	<10	<10
PZ-5	03/16/10	Blaine Tech for Parsons	1700	890	---	---	---	370	2.1	33	9.4	<4	350	58000	<4	<4	<4
PZ-5	04/16/10	Blaine Tech	1600	1100	---	---	---	110	<2.5	9.7	4.6	<5	340	91000	<5	<5	<5
PZ-5	05/27/10	Blaine Tech	3200000 J	1300	---	---	---	1100	<25	66	<25	<50	360	69000	<50	<50	<50
PZ-5	07/14/10	Blaine Tech	4600	1300	---	---	---	1900	<10	180	<10	<20	530	82000	<20	<20	<20
PZ-5	08/12/10	Blaine Tech	9100	1600	---	---	---	4400	<5	340	42	<10	490	64000	<10	<10	<10
PZ-5	09/20/10	Blaine Tech	8500	1800	---	---	---	4200	2.8	110	12	<4	370	43000	<4	<4	<4
PZ-5	10/07/10	Blaine Tech	6300	1000	---	---	---	3100	<20	56	<20	<40	150	40000	<40	<40	<40
PZ-5	11/16/10	Blaine Tech	3400	1600	---	---	---	1600	<10	10	15	<20	130	20000	<20	<20	<20
PZ-5	12/22/10	Blaine Tech	3400	1700	---	---	---	1600	<10	<10	<10	<20	100	22000	<20	<20	<20
PZ-5	01/12/11	Blaine Tech	<4000	1200	---	---	---	1500	<5	<5	<5	<10	130	38000	<10	<10	<10
PZ-5	02/24/11	Blaine Tech	1400	400	---	---	---	390	<2	<2	3.8	<4	84	27000	<4	<4	<4
PZ-5	03/23/11	Blaine Tech	1100	820	---	---	---	210	<1	<1	2.4	<2	140	29000	<2	<2	<2
PZ-5	04/13/11	Blaine Tech	830	520	---	---	---	59	<1	<1	<1	<2	120	28000	<2	<2	<2
PZ-5	05/13/11	Blaine Tech	2000	830	---	---	---	710	4.7	25	25.8	<5	140	34000	<5	<5	<5
PZ-5	06/22/11	Blaine Tech	4500	1100	---	---	---	960	9	30	80	<10	100	33000	<10	<10	<10
PZ-5	07/12/11	CH2M Hill	3300	1200	---	---	---	1500	16	50	77	<20	110	34000	<20	<20	<20
PZ-5	08/19/11	CH2M Hill	2600	1200	---	---	---	750	9	63	45	<10	150	47000	<10	<10	<10
PZ-5	09/22/11	CH2M Hill	4700	1400	---	---	---	1600	33	100	200	<20	200	64000	<20	<20	<20
PZ-5	10/14/11	CH2M Hill	4600	1500	---	---	---	1500	31	130	190	<10	170	58000	<10	<10	<10
PZ-5	11/28/11	CH2M Hill	4600	1500	---	---	---	1700	18	150	140	<20	220	61000	<20	<20	<20
PZ-5	12/21/11	CH2M Hill	5900	2000	---	---	---	2200	57	160	390	<20	190	61000	<20	<20	<20
PZ-5	01/10/12	CH2M Hill	5400	1900	---	---	---	2000	44	140	330	<20	200	38000	<20	<20	<20
PZ-5	02/23/12	CH2M HILL	8400	1700	---	---	---	3300	86	280	760	<40	370	29000	<40	<40	<40
PZ-5	03/28/12	CH2M HILL	4100	---	270	---	---	1800	20	100	170	<20	150	29000	<20	<20	<20
PZ-5	04/19/12	CH2M Hill	2900	---	260	---	---	1300	<10	97	20	<20	140	58000	<20	<20	<20
PZ-5	05/25/12	CH2M HILL	7500	---	340	---	---	3700	42	210	250	<30	240	68000	<30	<30	<30
PZ-5	06/15/12	CH2M HILL	8400 J	---	440	---	---	4500	60	190	320	<100	500	75000	<100	<100	<100
PZ-5	07/10/12	CH2M Hill	7600	---	360	---	---	3400	31	150	200	<20	700	66000	<20	<20	<20
PZ-5	08/29/12	CH2M Hill	4500	---	900	---	---	2300	17	110	66	<20	1000	140000	<20	<20	<20
PZ-5	09/26/12	CH2M Hill	6200	---	390	---	---	2000	25	160	110	<20	1500	67000	<20	<20	<20
PZ-5	10/18/12	CH2M Hill	9900	---	520	---	---	3300	55	200	180	<80	5600	83000	<80	<80	<80
PZ-5	11/29/12	CH2M Hill	8300	---	420	---	---	3000	35	200	69	<40	3200	97000	<40	<40	<40
PZ-5	12/26/12	CH2M Hill	5200	---	480	---	---	2600	18	160	55	<5	3300	130000	<5	<5	<5
PZ-5	01/15/13	CH2M Hill	9400	---	1400	---	---	3900	41	200	100	<50	4800	100000	<50	<50	<50
PZ-5	02/20/13	CH2M Hill	12000	---	1400	---	---	5400	67	310	310	<100	8600	110000	<100	<100	<100
PZ-5	04/11/13	CH2M Hill	10000	---	2300	---	---	4100	37	300	140	<40	4800	83000	<40	<40	<40
PZ-5	10/11/13	CH2M Hill	49000	---	6200	---	---	11000	<100	590	250	<200	32000	210000	<200	<200	<200
PZ-5	04/16/14	CH2M Hill	250000	---	3700	---	---	70000	<200	5800	200	<400	150000	2800000	<400	<400	<400
PZ-5	10/30/14	CH2M Hill	16000	---	6500	---	---	5600	<50	410	<50	<100	440	110000	<100	<100	<100
PZ-5	04/23/15	CH2M Hill	3100	---	2100	---	---	1100	<5	120	18	<10	150	64000	<10	<10	<10
PZ-5	10/26/15	CH2M	1200	---	1100	---	---	<1	<1	<1	<1	<2	29	46000	<2	<2	<2
PZ-5	04/14/16	CH2M	860	---	400	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.6	72000	<1	<1	<1
PZ-5	10/06/16	CH2M	1200	---	970	---	---	<1	<1	<1	1.4	<2	7.2	110000	<2	2.7	<2
PZ-5	04/21/17	CH2M	16000	---	840	---	---	5800	450	910	1900	<40	770	47000	<40	<40	44
PZ-5	10/05/17	CHHL	910	---	270	---	---	1.7	<1	20	1.6	<2	23	30000	<2	<2	<2
PZ-5	04/19/18	CHHL	550	---	420	---	---	<0.50	<0.50	<0.50	<0.50	<1	3.6	97000 *	<1	<1	<1
PZ-5	11/09/18	CHHL	3100	---	470	---	---	<1.5	<1.5	<1.5	<1.5	<3	2.2	56000	<3	<3	<3
PZ-5	04/18/19	CHHL	1700	---	520	---	---	66	<1	<1	3.3 J	<2	6.2	150000	<2	3.7	<2

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	10/31/19	Jacobs	1200	---	420	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	3.4	47,000	<1.0	2.5	<1.0
PZ-5	05/07/20	Jacobs	700	---	650	---	---	2.4	<1.0	<1.0	<1.0	<2.0	4.0	100,000	<2.0	3.3	<2.0
PZ-6	11/30/00	Secor	<300	<100	---	---	---	<0.50	0.5	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-6	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-6	07/08/03	Geomatrix	---	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
PZ-6	04/27/04	Geomatrix	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-6	07/08/04	Geomatrix	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.5	<0.50	---	---	---	---
PZ-7A	06/13/03	Secor	340	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	660	---	---	---	---
PZ-7A	09/24/03	Secor	160	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	390	---	---	---	---
PZ-7A	10/10/03	Geomatrix	240	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	340	---	---	---	---
PZ-7A	08/02/05	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.8	---	---	---	---
PZ-7B	06/13/03	Secor	98	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	51	---	---	---
PZ-7B	09/24/03	Secor	61	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	67	---	---	---	---
PZ-7B	10/10/03	Geomatrix	90	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	---	---	---	---
PZ-7B	08/02/05	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-8A	06/13/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	12	---	---	---	---
PZ-8A	09/24/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
PZ-8A	10/10/03	Geomatrix	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.8	---	---	---	---
PZ-8A	08/02/05	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-8A	12/06/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-8B	06/13/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	31	---	---	---	---
PZ-8B	09/24/03	Secor	86	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	180	---	---	---	---
PZ-8B	10/10/03	Geomatrix	310	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	440	---	---	---	---
PZ-8B	08/02/05	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-8B	12/06/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-9A	06/13/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-9A	09/24/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-9A	10/10/03	Geomatrix	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-9A	08/02/05	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-9B	06/13/03	Secor	75	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	50	---	---	---	---
PZ-9B	09/24/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.9	---	---	---	---
PZ-9B	10/10/03	Geomatrix	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.9	---	---	---	---
PZ-9B	08/02/05	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	---	---	---	---
PZ-10	08/01/03	Secor	6300	1800	---	---	---	710	130	150	890	<10	47	---	---	---	---
PZ-10	10/07/03	Secor	6200	1900	---	---	---	1000	21	230	600	<10	55	---	---	---	---
PZ-10	01/27/04	Secor	3100	1800	---	---	---	560	5.4	63	201	<5	28	---	---	---	---
PZ-10	04/22/04	Secor	11000	8300	---	---	---	2100	29	470	1490	<20	110	---	---	---	---
PZ-10	07/19/04	Secor	4800	2500	---	---	---	890	<5	210	278	<10	45	---	---	---	---
PZ-10	11/03/04	Secor	4600	2800	---	---	---	920	9.1	280	580	<10	50	---	---	---	---
PZ-10	02/03/05	Secor	1000	1200	---	---	---	250	1.4	34	108	<2	42	---	---	---	---
PZ-10	05/04/05	Secor	<50	350	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-10	08/01/05	Secor	<50	<100	---	---	---	0.71	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-10	11/02/05	Secor	<100	220	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
PZ-10	02/27/06	Secor	<200	1600	---	---	---	<1	<1	<1	<1	<2	6.1	---	---	---	---
PZ-10	05/09/06	Secor	<1000	1600	---	---	---	5.1	<5	<5	<5	<10	36	---	---	---	---
PZ-10	09/20/06	Secor	<200	640	---	---	---	<1	<1	<1	<1	<2	3.6	---	---	---	---
PZ-10	12/06/06	Secor	<500	2400	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	5.5	---	---	---	---
PZ-10	03/13/07	Secor	<500	1100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
PZ-10	05/03/07	Secor	<1000	7100	---	---	---	6.1	<5	<5	<5	<10	<5	---	---	---	---
PZ-10	08/30/07	Secor	<200	1000	---	---	---	<1	<1	<1	<1	<2	<1	---	---	---	---
PZ-10	11/14/07	Secor	<50	360	---	---	---	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	02/21/08	Secor	<200	510	---	---	---	65	<1	3.1	9.4	<2	<1	---	---	---	---
PZ-10	04/16/08	Secor	950	670	---	---	---	360	5	20	85	<5	11	---	---	---	---
PZ-10	10/16/08	Stantec	<200	1100	---	---	---	18	<1	<1	<1	<2	1.7	---	---	---	---
PZ-10	04/20/09	Blaine Tech for AMEC GMX	560	2600	---	---	---	26	<1	3.2	<1	<2	12	38	5.2	<2	<2
PZ-10	07/21/09	Blaine Tech	<200	1700	---	---	---	1.4	<1	<1	<1	<2	9.6	55	3.1	<2	<2
PZ-10	10/22/09	Blaine Tech for Parsons	<200	1200	---	---	---	<1	<1	<1	<1	<2	4.4	30	<2	<2	<2
PZ-10	05/27/10	Blaine Tech	<100	940	---	---	---	0.92	<0.50	<0.50	<0.50	<1	1.4	<10	<1	<1	<1
PZ-10	10/07/10	Blaine Tech	<100	<830	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
PZ-10	04/13/11	Blaine Tech	<200	910	---	---	---	2.8	<1	<1	<1	<2	<1	<20	2.2	<2	<2
PZ-10	04/19/12	CH2M Hill	<200	---	570	---	---	4.9	<1	<1	<1	<2	<1	39	3.4	<2	<2
PZ-10	10/17/12	CH2M Hill	<500	---	970	---	---	32	<2.5	<2.5	<2.5	<5	<2.5	<50	6.4	<5	<5
PZ-10	10/26/15	CH2M	340	---	1200	---	---	<1.5	<1.5	<1.5	6.2	<3	<1.5	140	<3	<3	<3
PZ-10	04/14/16	CH2M	<200	---	240	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
QA SAMPLES	11/05/18	TSGS	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	11/05/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	11/06/18	TSGS	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	11/06/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	11/08/18	TSGS	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	11/08/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	11/09/18	TSGS	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	11/09/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	11/12/18	TSGS	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	11/12/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	11/15/18	TSGS	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	11/15/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	04/15/19	TSGS	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	04/15/19	TSGS	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	04/17/19	TSGS	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	04/18/19	TSGS	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	04/19/19	TSGS	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	04/22/19	TSGS	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	05/10/19	TSGS	---	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
QA SAMPLES	05/10/19	TSGS	<100	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
RTF-18-N	04/24/17	SGI	25000	---	5200	---	---	1700	6.7	800	2500	<5	<10	<100	<20	<20	<20
RTF-18-NNW	04/24/17	SGI	30000	---	6900	---	---	5000	16	1500	5200	<5	<10	<100	<20	<20	<20
TF-8	09/18/03	Blaine Tech for Parsons	---	<100	---	---	---	1.2	<0.50	0.77	2.74	<0.50	24	---	---	---	---
TF-8	02/21/04	Blaine Tech for Parsons	---	---	---	520	---	3.2	<0.50	<0.50	1.4	---	46	---	---	---	---
TF-8	10/10/13	Parsons	<100	---	490 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<10	<2	<2	<2
TF-8	04/18/14	Parsons	140 HD	---	450 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.71	<10	<2	<2	<2
TF-8	10/29/14	SGI	<100	---	1000	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
TF-8	04/29/15	SGI	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
TF-8	10/23/15	SGI	<100	---	830	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
TF-8	04/12/16	SGI	<100	---	1000	---	---	0.52	<0.50	1.2	4.1	<0.50	1.7	<10	<2	<2	<2
TF-8	10/10/16	SGI	<100	---	770	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.2	<10	<2	<2	<2
TF-8	04/20/17	SGI	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-8	10/05/17	TSGS	<100	---	640	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-8	04/19/18	TSGS	<100	---	780	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-8	11/08/18	TSGS	<100	---	190	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-8	04/17/19	TSGS	<100	---	300 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-8	11/05/19	SGI	<100	---	330	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-8	05/11/20	SGI	<100	---	280	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-9	10/10/13	Parsons	960 HD	---	2200 HD	---	---	2.1	0.27 J	0.8	0.3	<0.50	<0.50	32	<2	<2	<2
TF-9	04/18/14	Parsons	3400 HD	---	2900 HD	---	---	3.6	0.27 J	3.1	8.1	<0.50	<0.50	25	<2	<2	<2
TF-9	10/31/14	SGI	1100	---	1300	---	---	6	<0.50	0.84	0.69	<0.50	<2	22	<2	<2	<2
TF-9R	10/05/17	TSGS	1500	---	1500	---	---	36	<0.50	6.5	0.51	<0.50	<1	<10	<2	<2	<2
TF-9R	04/20/18	TSGS	750	---	1700 J	---	---	34	<2.5	3.4	<5	<2.5	<5	<50	<10	<10	<10
TF-9R	11/12/18	TSGS	1500	---	2400	---	---	26	<2	7.1	<4	<2	<4	<40	<8	<8	<8
TF-9R	04/19/19	TSGS	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-9R	10/31/19	SGI	<100	---	100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9R	05/07/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-14	09/18/03	Blaine Tech for Parsons	---	20000	---	---	---	210	<2.5	62	88.8	<2.5	<2.5	---	---	---	---
TF-14	02/21/04	Blaine Tech for Parsons	---	---	---	12000	---	370	<1	130	125.9	---	1.2	---	---	---	---
TF-15	05/12/20	SGI	2000	---	1600	---	---	230	<5.0	51	21	<5.0	<12	<100	<20	<20	<20
TF-16	04/14/03	GTI	---	4450	---	---	---	23.8	5.03	15.3	16.8	---	9.51	---	---	---	---
TF-16	09/18/03	Blaine Tech for Parsons	---	59000	---	---	---	280	8.3	24	211	<0.50	9.1	---	---	---	---
TF-16	10/11/03	Blaine Tech for Parsons	---	7400	---	---	---	150	7	27	91	---	<25	---	---	---	---
TF-16	02/21/04	Blaine Tech for Parsons	---	---	---	48000	---	120	2.4	23	89	---	5.6	---	---	---	---
TF-16	04/21/04	Blaine Tech for Parsons	---	23000	---	---	---	200	30	40	320	---	4.6	---	---	---	---
TF-16	11/04/04	Blaine Tech for Parsons	---	16000	---	---	---	180	4	20	320	---	<10	---	---	---	---
TF-16	05/06/05	Blaine Tech for Parsons	---	27000	---	---	---	43	10	4.6	73	---	<25	---	---	---	---
TF-16	11/08/05	Blaine Tech for Parsons	---	4200	---	---	---	25	0.86	3.4	20	---	8.5	---	---	---	---
TF-16	05/04/06	Blaine Tech for Parsons	---	33000	---	---	---	52	0.89	10	49	---	<5	---	---	---	---
TF-16	12/08/06	Blaine Tech for Parsons	---	3500	---	---	---	28	<0.50	1.5	3	---	<5	---	---	---	---
TF-16	05/04/07	Blaine Tech for Parsons	---	13000	---	---	---	520	<2.5	5.4	10	---	<25	---	---	---	---
TF-16	11/15/07	Blaine Tech for Parsons	---	5200	---	---	---	450	<0.50	<0.50	<1	---	9.3	---	---	---	---
TF-16	04/17/08	Blaine Tech for Parsons	---	4300	---	---	---	570	1.3	3.2	4.1	---	<10	---	---	---	---
TF-16	10/16/08	Blaine Tech for Parsons	---	---	---	---	3100	330	<2.5	<2.5	<2.5	<2.5	6.3	<50	<10	<10	<10
TF-16	04/24/09	Blaine Tech for Parsons	---	---	---	2200	---	24	<0.50	<0.50	<0.50	<0.50	4.1	11	<2	<2	<2
TF-16	10/26/09	Blaine Tech for DESC	---	---	---	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	Blaine Tech for DESC	---	---	---	1000	---	10	<0.50	0.38 J	<0.50	---	3.5	8.2 J	<2	<2	0.42 J
TF-16	04/15/11	Blaine Tech for Parsons	---	---	---	870	---	---	---	---	---	---	---	---	---	---	---
TF-16	04/22/11	Blaine Tech for Parsons	---	---	---	---	---	40	<0.50	1.1	0.8	<0.50	3.4	11	<2	<2	0.39 J
TF-16	04/19/12	Parsons	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	Parsons	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	Parsons	860 HD	---	2300 HD	---	---	170	<0.50	1.1	0.58	<0.50	4.2	8.5 J	<2	<2	0.64 J
TF-16	04/17/14	Parsons	6000 HD	---	7600 HD	---	---	740	3	31	110	<0.50	4.6	8.2 J	<2	<2	0.98 J
TF-16	05/12/20	SGI	3400	---	2000	---	---	100	<2.5	<2.5	<5.0	<2.5	<6.0	<50	<10	<10	<10
TF-17	10/09/13	Parsons	18000 HD	---	32000 HD	---	---	33	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
TF-17	04/17/14	Parsons	8900 HD	---	14000 HD	---	---	13	<2.5	<2.5	<2.5	<2.5	2.7	<50	<10	<10	<10
TF-17	11/03/14	SGI	2900	---	7100	---	---	68	2.3	46	230	<0.50	2.8	<10	<2	<2	<2
TF-17R	05/12/20	SGI	5800	---	11000	---	---	370	<50	590	1200	<50	<120	<1000	<200	<200	<200
TF-18	04/24/17	SGI	54000	---	7300	---	---	320	<5	340	530	<5	<10	<100	<20	<20	<20
TF-18	11/07/19	SGI	5600	---	9300	---	---	33	<5.0	88	34	<5.0	<1.2	<100	<20	<20	<20
TF-19	11/06/18	TSGS	710	---	1500	---	---	<0.50	<0.50	0.54	1	<0.50	<1	<10	<2	<2	<2
TF-20R	10/10/17	TSGS	1300	---	660	---	---	490	<5	<5	<10	<5	<10	<100	<20	<20	<20
TF-20R	04/24/18	TSGS	900	---	540	---	---	290	<5	<5	<10	<5	<10	<100	<20	<20	<20
TF-20R	11/15/18	TSGS	700	---	620	---	---	130	<5	<5	<10	<5	<10	<100	<20	<20	<20
TF-20R	04/22/19	TSGS	540	---	440	---	---	74	<0.50	<0.50	1.1	<0.50	<1	<10	<2	<2	<2
TF-20R	11/06/19	SGI	810	---	640	---	---	29	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-20R	05/11/20	SGI	410	---	600	---	---	25	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-21	04/10/03	GTI	---	476	---	---	---	267	1.63	8.13	9.83	---	<3	---	---	---	---
TF-21	09/18/03	Blaine Tech for Parsons	---	1800	---	---	---	560	<5	5.6	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-21	10/08/03	Blaine Tech for Parsons	---	2500	---	---	---	390	<0.60	4.2	<0.60	---	<10	---	---	---	---
TF-21	02/21/04	Blaine Tech for Parsons	---	---	---	1500	---	820	<2.5	<2.5	<2.5	---	3.6	---	---	---	---
TF-21	04/21/04	Blaine Tech for Parsons	---	2000	---	---	---	550	<1	1.6	<1	---	2.7	---	---	---	---
TF-21	11/04/04	Blaine Tech for Parsons	---	860	---	---	---	10	<0.30	<0.30	1.2	---	<5	---	---	---	---
TF-21	05/05/05	Blaine Tech for Parsons	---	3600	---	---	---	190	13	45	310	---	<100	---	---	---	---
TF-21	11/05/05	Blaine Tech for Parsons	---	2200	---	---	---	140	0.61	3.7	39	---	6.1	---	---	---	---
TF-21	05/03/06	Blaine Tech for Parsons	---	3200	---	---	---	140	4.3	3.9	10	---	5.1	---	---	---	---
TF-21	12/06/06	Blaine Tech for Parsons	---	1100	---	---	---	44	<0.50	<0.50	5	---	<5	---	---	---	---
TF-21	05/04/07	Blaine Tech for Parsons	---	3200	---	---	---	80	0.93	0.86	2.2	---	7.2	---	---	---	---
TF-21	11/16/07	Blaine Tech for Parsons	---	790	---	---	---	170	<0.50	<0.50	<1	---	<5	---	---	---	---
TF-21	04/17/08	Blaine Tech for Parsons	---	980	---	---	---	190	<0.50	4.4	2.4	---	<5	---	---	---	---
TF-21	10/15/08	Blaine Tech for Parsons	---	---	---	---	810	37	<0.50	<0.50	<0.50	<0.50	1	23	<2	<2	<2
TF-21	04/24/09	Blaine Tech for Parsons	---	---	---	---	350	40	<0.50	<0.50	<0.50	<0.50	<0.50	18	<2	<2	<2
TF-21	10/26/09	Blaine Tech for DESC	---	---	---	---	960	50	<0.50	0.46 J	<0.50	<0.50	0.74	19	<2	<2	<2
TF-21	04/16/10	Blaine Tech for DESC	---	---	---	---	1100	120	0.37 J	1.1	1.16	---	<0.50	15	<2	<2	<2
TF-21	04/15/11	Blaine Tech for Parsons	---	---	---	---	2000	---	---	---	---	---	---	---	---	---	---
TF-21	04/22/11	Blaine Tech for Parsons	---	---	---	---	---	160	<0.50	1.4	3.1	<0.50	0.71	20	<2	<2	<2
TF-21	04/20/12	Parsons	1600	---	---	---	1900	280	0.27 J	1.7	0.88 J	<0.50	0.99	24	<2	<2	<2
TF-21	04/12/13	Parsons	590 b	---	2700	---	---	130	<0.50	0.5	0.24 J	<0.50	4.1	13	<2	<2	<2
TF-21	10/08/13	Parsons	810 HD	---	2200 HD	---	---	320	<0.50	0.59	0.24	<0.50	7.2	17	<2	<2	<2
TF-21	04/17/14	Parsons	1100 HD	---	2000 HD	---	---	190	0.26 J	0.83	0.48	<0.50	16	20	<2	<2	<2
TF-21	10/30/14	SGI	1500	---	1700	---	---	120	<0.50	1.2	0.54	<0.50	2.2	<10	<2	<2	<2
TF-21	04/29/15	SGI	570	---	1700	---	---	16	<1	<1	<2	<1	<4	<20	<4	<4	<4
TF-21	10/11/16	SGI	1300	---	7800	---	---	8.5	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-21	04/21/17	SGI	420	---	1400	---	---	10	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-21	10/09/17	TSGS	350	---	1700	---	---	4.3	<0.50	<0.50	<1	<0.50	<1	18	<2	<2	<2
TF-21	04/23/18	TSGS	180	---	960	---	---	13	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-21	11/12/18	TSGS	370	---	1400	---	---	5.8	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-21	04/22/19	TSGS	150	---	710	---	---	1.5	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-21	10/30/19	SGI	110	---	310	---	---	2.1	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-21	05/08/20	SGI	<100	---	110	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-23	04/24/17	SGI	410	---	2900	---	---	2.2	0.62	0.9	2.4	<0.50	1.5	94	<2	<2	<2
TF-23	04/22/19	TSGS	560	---	4600	---	---	<0.50	<0.50	<0.50	<1	<0.50	1	92	<2	<2	<2
TF-23	05/11/20	SGI	660	---	7400	---	---	73	<0.50	<0.50	<1.0	<0.50	17	270	<2.0	<2.0	<2.0
TF-24	10/10/13	Parsons	<100	---	1500 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.4 J	<10	<2	<2	<2
TF-24	04/18/14	Parsons	<100	---	730 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
TF-24	10/29/14	SGI	<100	---	1900	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
TF-24	04/29/15	SGI	<100	---	1900	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
TF-24	10/11/16	SGI	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	04/21/17	SGI	<100	---	1700	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	10/05/17	TSGS	<100	---	2500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	04/20/18	TSGS	<100	---	2900 J	---	---	1.7	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	11/12/18	TSGS	<100	---	2800	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	04/19/19	TSGS	<100	---	2800	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	11/06/19	SGI	<100	---	2600	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-24	05/11/20	SGI	<100	---	360	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
WCW-1	11/25/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	0.6	<5	---	---	---	---
WCW-1	07/15/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
WCW-1	01/05/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-1	05/23/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-1	08/25/98	Geomatrix	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	02/02/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
WCW-1	05/06/99	Alton Geoscience	<500	---	<500	---	---	2.1	9.8	0.8	4.4	<1	<0.50	---	---	---	---
WCW-1	08/10/99	Alton Geoscience	<500	---	<1000	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-1	11/18/99	IT Corporation	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	02/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	05/19/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	08/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	---	---	---	---
WCW-1	11/30/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	02/05/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	09/18/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-1	10/11/03	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	---	---	---	---
WCW-1	05/06/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	05/03/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-1	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-1	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-1	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-1	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	11/25/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<1.7	<5	---	---	---	---
WCW-2	07/08/97	Terra Services	<100	---	<500	---	---	<0.50	3.5	1.4	7.4	0.57	<5	---	---	---	---
WCW-2	01/05/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	1	<0.50	---	---	---	---
WCW-2	05/19/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-2	08/25/98	Geomatrix	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	02/02/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
WCW-2	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	0.8	<0.50	<0.50	<1	<0.50	---	---	---	---
WCW-2	08/10/99	Alton Geoscience	<500	---	<1000	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-2	11/17/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	02/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2	---	---	---	---
WCW-2	05/18/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	08/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---
WCW-2	11/30/00	IT Corporation	<300	<100	---	---	---	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	02/05/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	09/18/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-2	04/10/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	10/11/03	Blaine Tech for Parsons	<100	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	11/03/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	05/05/05	Secor	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	11/05/05	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	12/05/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	05/01/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	10/17/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/26/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	05/24/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/07/10	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
WCW-2	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/13/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/08/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/18/17	CH2M	<50	---	230	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	05/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	11/25/96	GSI	120	---	<500	<500	---	<0.70	<0.50	<0.50	<1.5	190	<5	---	---	---	---
WCW-3	07/15/97	Terra Services	100	---	<500	---	---	<0.50	<0.50	<0.50	<1	190	<5	---	---	---	---
WCW-3	01/05/98	GTI	<500	---	200	<100	---	<0.50	<0.50	<0.50	<1	220	<0.50	---	---	---	---
WCW-3	05/23/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	201	<0.50	---	---	---	---
WCW-3	08/26/98	Geomatrix	<300	304	---	---	---	<2.5	<2.5	<2.5	<2.5	200	<2.5	---	---	---	---
WCW-3	11/03/98	GTI	<300	228	---	---	---	<0.50	<0.50	<0.50	<0.50	190	<0.50	---	---	---	---
WCW-3	02/03/99	Alton Geoscience	<1000	---	<500	---	---	<1	<1	<1	<2	200	<1	---	---	---	---
WCW-3	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	1.3	<0.50	<0.50	<1	1.1	---	---	---	---
WCW-3	08/10/99	Alton Geoscience	<500	---	<1000	---	---	<0.50	<1	<1	<1	130	1.8	---	---	---	---
WCW-3	11/17/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	100	3.3	---	---	---	---
WCW-3	02/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	100	<0.50	---	---	---	---
WCW-3	05/18/00	Secor	<300	110	---	---	---	<0.50	<0.50	<0.50	<0.50	92	1	---	---	---	---
WCW-3	08/28/00	Secor	<300	200	---	---	---	<0.50	<0.50	<0.50	<0.50	90	0.7	---	---	---	---
WCW-3	11/30/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	68	<0.50	---	---	---	---
WCW-3	02/05/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	81	<0.50	---	---	---	---
WCW-3	05/09/01	Secor	<300	120	---	---	---	<0.50	<0.50	<0.50	<0.50	63	<0.50	---	---	---	---
WCW-3	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	69	<0.50	---	---	---	---
WCW-3	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	51	<0.50	---	---	---	---
WCW-3	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	34	<0.50	---	---	---	---
WCW-3	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	29	<0.50	---	---	---	---
WCW-3	07/30/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	47	0.55	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	39	<1	---	---	---	---
WCW-3	01/28/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	44	<0.50	---	---	---	---
WCW-3	04/10/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	34	<0.50	---	---	---	---
WCW-3	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	<0.50	---	---	---	---
WCW-3	10/11/03	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	22	<0.50	---	---	---	---
WCW-3	01/28/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	43	<0.50	---	---	---	---
WCW-3	05/10/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	33	<0.50	---	---	---	---
WCW-3	07/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	46	<0.50	---	---	---	---
WCW-3	11/03/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	33	<0.50	<10	<2	<2	<2
WCW-3	02/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	39	<0.50	---	---	---	---
WCW-3	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	31	<0.50	---	---	---	---
WCW-3	08/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	26	<0.50	---	---	---	---
WCW-3	11/05/05	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	19	<0.50	<10	<2	<2	<2
WCW-3	02/28/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	8.8	<0.50	---	---	---	---
WCW-3	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	10	<0.50	---	---	---	---
WCW-3	09/20/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	<0.50	---	---	---	---
WCW-3	12/05/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	6.6	<0.50	<10	<2	<2	<2
WCW-3	03/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-3	05/01/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-3	08/28/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-3	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-3	02/21/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-3	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-3	08/13/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.6	<0.50	---	---	---	---
WCW-3	10/17/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<2	<2	<2
WCW-3	02/23/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
WCW-3	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	07/20/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	<10	<1	<1	<1
WCW-3	10/26/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4	<0.50	<10	0.44 J	<2	<2
WCW-3	03/15/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.5	<0.50	<10	<1	<1	<1
WCW-3	05/24/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	<0.50	<10	<1	<1	<1
WCW-3	07/12/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.4	<0.50	<10	<1	<1	<1
WCW-3	10/08/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	<0.50	<10	<1	<1	<1
WCW-3	01/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.3	<0.50	<10	<1	<1	<1
WCW-3	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.1	<0.50	<10	<1	<1	<1
WCW-3	07/12/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.5	<0.50	<10	<1	<1	<1
WCW-3	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.4	<0.50	<10	<1	<1	<1
WCW-3	01/09/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.3	<0.50	<10	<1	<1	<1
WCW-3	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	3.2	<0.50	<10	<1	<1	<1
WCW-3	07/09/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.2	<0.50	<10	<1	<1	<1
WCW-3	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	<10	<1	<1	<1
WCW-3	01/14/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	<1	<1	<1
WCW-3	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	4.1	<0.50	<10	<1	<1	<1
WCW-3	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1	<1	<1
WCW-3	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.88	<0.50	<10	<1	<1	<1
WCW-3	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.84	<0.50	<10	<1	<1	<1
WCW-3	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.74	<0.50	<10	<1	<1	<1
WCW-3	04/18/17	CH2M	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.5	<0.50	<10	<1	<1	<1
WCW-3	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	05/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	11/22/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-4	07/08/97	Terra Services	<100	---	<500	---	---	0.5	0.78	<0.50	<1	<0.50	<5	---	---	---	---
WCW-4	01/05/98	GTI	<500	---	<100	300	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-4	05/19/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-4	11/03/98	GTI	<300	475	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	05/06/99	Alton Geoscience	<500	---	<500	---	---	2.1	7.7	0.62	3.4	<1	<0.50	---	---	---	---
WCW-4	11/17/99	IT Corporation	<300	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	05/18/00	Secor	<300	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	11/30/00	IT Corporation	<300	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-4	04/10/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	10/11/03	Blaine Tech for Parsons	<100	280	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	05/10/04	Secor	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	11/03/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-4	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	11/05/05	Blaine Tech for Parsons	<100	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-4	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	12/05/06	Blaine Tech for Parsons	<100	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-4	05/01/07	Secor	<50	250	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.72	<10	<2	<2	<2
WCW-4	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.61	---	---	---	---
WCW-4	10/17/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.65	<10	<2	<2	<2
WCW-4	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<1	<1	<1
WCW-4	10/26/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.64	<10	<2	<2	<2
WCW-4	05/27/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/07/10	Blaine Tech for Parsons	<100	---	---	---	130	<0.50	---	---	---	<0.50	0.89	<10	---	---	---
WCW-4	04/13/11	Blaine Tech	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	<10	<1	<1	<1
WCW-4	10/14/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	<10	<2	<2	<2
WCW-4	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<1	<1	<1
WCW-4	10/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<10	<2	<2	<2
WCW-4	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/14/16	CH2M	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	11/06/18	CHHL	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	05/05/20	Jacobs	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	11/22/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-5	07/08/97	Terra Services	<100	---	<500	---	---	<0.50	7.7	<0.50	1.4	<0.50	<5	---	---	---	---
WCW-5	01/05/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	0.7	<0.50	---	---	---	---
WCW-5	05/19/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-5	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	05/05/99	Alton Geoscience	<500	---	<500	---	---	10	43	3.8	21	<1	<0.50	---	---	---	---
WCW-5	11/17/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	05/16/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	11/30/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-5	04/10/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	10/11/03	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	05/10/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	11/03/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	05/06/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	11/05/05	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	12/05/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	05/01/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	10/17/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/26/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/07/10	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
WCW-5	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/14/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/08/13	CH2M Hill	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	11/06/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/31/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	05/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	11/22/96	GSI	230	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	220	24	---	---	---	---
WCW-6	07/15/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	65	10	---	---	---	---
WCW-6	01/05/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	159	3	---	---	---	---
WCW-6	05/26/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	83	2	---	---	---	---
WCW-6	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	46	1.8	---	---	---	---
WCW-6	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	53	0.68	---	---	---	---
WCW-6	11/17/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	11	<0.50	---	---	---	---
WCW-6	05/16/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	0.7	---	---	---	---
WCW-6	11/30/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.7	<0.50	---	---	---	---
WCW-6	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	5.7	<0.50	---	---	---	---
WCW-6	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.7	<0.50	---	---	---	---
WCW-6	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	---	---	---	---
WCW-6	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-6	04/10/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	---	---	---	---
WCW-6	10/11/03	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.93	<0.50	---	---	---	---
WCW-6	05/10/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.64	<0.50	---	---	---	---
WCW-6	11/03/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-6	11/05/05	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<2	<2	<2
WCW-6	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-6	12/05/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	05/02/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-6	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-6	10/17/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/26/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	05/24/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/07/10	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
WCW-6	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.69	<0.50	<10	<1	<1	<1
WCW-6	10/13/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.28 J	<0.50	<10	<2	<2	<2
WCW-6	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	11/06/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.54	<0.50	23	<1	<1	<1
WCW-6	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	05/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.8	0.64	<10	<1.0	<1.0	<1.0
WCW-7	11/22/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	31	<5	---	---	---	---
WCW-7	07/15/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
WCW-7	01/05/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	30	<0.50	---	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	05/23/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	30	<0.50	---	---	---	---
WCW-7	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	35	<0.50	---	---	---	---
WCW-7	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	45	<0.50	---	---	---	---
WCW-7	11/18/99	IT Corporation	<300	190	---	---	---	<0.50	<1	<0.50	0.6	62	1.3	---	---	---	---
WCW-7	05/16/00	Secor	<300	420	---	---	---	<0.50	<0.50	<0.50	<0.50	120	6.4	---	---	---	---
WCW-7	11/30/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	83	6	---	---	---	---
WCW-7	02/05/01	Secor	<300	230	---	---	---	<0.50	<0.50	<0.50	<0.50	95	6.1	---	---	---	---
WCW-7	05/10/01	Secor	<300	180	---	---	---	<0.50	<0.50	<0.50	<0.50	91	9.3	---	---	---	---
WCW-7	09/18/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	140	12	---	---	---	---
WCW-7	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	91	11	---	---	---	---
WCW-7	01/30/02	Secor	<300	110	---	---	---	<0.50	<0.50	<0.50	<0.50	84	8.8	---	---	---	---
WCW-7	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	66	8.4	---	---	---	---
WCW-7	07/30/02	IT Corporation	<300	260	---	---	---	<0.50	<0.50	<0.50	<0.50	74	8.6	---	---	---	---
WCW-7	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	78	9.3	---	---	---	---
WCW-7	01/28/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	80	7.3	---	---	---	---
WCW-7	04/10/03	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	69	6.8	---	---	---	---
WCW-7	07/30/03	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	69	7.6	---	---	---	---
WCW-7	10/11/03	Blaine Tech for Parsons	<100	260	---	---	---	<0.50	<0.50	<0.50	<0.50	84	9.4	---	---	---	---
WCW-7	01/28/04	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	100	10	---	---	---	---
WCW-7	05/10/04	Secor	<100	170	---	---	---	<0.50	<0.50	<0.50	<0.50	73	6.7	---	---	---	---
WCW-7	07/20/04	Secor	140	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	110	9	---	---	---	---
WCW-7	11/03/04	Blaine Tech for Parsons	<100	330	---	---	---	<0.50	<0.50	<0.50	<0.50	84	11	51	29	<2	<2
WCW-7	02/03/05	Secor	72	110	---	---	---	<0.50	<0.50	<0.50	<0.50	91	8.8	---	---	---	---
WCW-7	05/05/05	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	83	6.9	---	---	---	---
WCW-7	08/03/05	Secor	53	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	49	14	---	---	---	---
WCW-7	11/05/05	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	14	6.7	<10	2.2	<2	<2
WCW-7	02/28/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	0.84	---	---	---	---
WCW-7	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	6	2.5	---	---	---	---
WCW-7	09/20/06	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	33	7.2	---	---	---	---
WCW-7	12/05/06	Blaine Tech for Parsons	<100	210	---	---	---	<0.50	<0.50	<0.50	<0.50	36	8	<10	4.8	<2	<2
WCW-7	03/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	32	5.4	---	---	---	---
WCW-7	05/02/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	49	6.4	---	---	---	---
WCW-7	08/28/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	56	7.1	---	---	---	---
WCW-7	11/14/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	50	6.5	<10	9.2	<2	<2
WCW-7	02/21/08	Secor	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	43	5.9	---	---	---	---
WCW-7	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	54	5.9	---	---	---	---
WCW-7	08/13/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	55	5.3	---	---	---	---
WCW-7	10/17/08	Blaine Tech for Parsons	<100	---	---	---	100	<0.50	<0.50	<0.50	<0.50	45	5.4	<10	12	<2	<2
WCW-7	02/24/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	40	2.4	<10	---	---	---
WCW-7	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	40	2.8	<10	6.6	<1	<1
WCW-7	07/21/09	Blaine Tech	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	31	1.9	<10	5.6	<1	<1
WCW-7	10/26/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	40	1.8	<10	3.7	<2	<2
WCW-7	03/15/10	Blaine Tech for Parsons	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	30	1.8	<10	4	<1	<1
WCW-7	05/27/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	1.2	<10	3.3	<1	<1
WCW-7	07/13/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	20	1.6	<10	3.4	<1	<1
WCW-7	10/07/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	26	1.7	<10	3.9	<1	<1
WCW-7	01/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	25	1.4	<10	3.3	<1	<1
WCW-7	04/13/11	Blaine Tech	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	23	1.4	<10	3.9	<1	<1
WCW-7	07/12/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	21	1.2	<10	2.6	<1	<1
WCW-7	10/12/11	CH2M Hill	<500	120	---	---	---	<0.50	<0.50	<0.50	<0.50	21	1	<10	2.2	<1	<1
WCW-7	01/09/12	CH2M Hill	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	1.1	<10	2.1	<1	<1

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	18	0.98	<10	2.2	<1	<1
WCW-7	07/10/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	16	0.84	<10	2.1	<1	<1
WCW-7	10/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	9.2	0.56	<10	1.5	<1	<1
WCW-7	01/14/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	18	1.2	<10	1.8	<1	<1
WCW-7	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	19	0.61	<10	1.3	<1	<1
WCW-7	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	11	0.6	<10	1.4	<1	<1
WCW-7	04/17/14	CH2M Hill	61	---	64	---	---	<0.50	<0.50	<0.50	<0.50	7.4	0.73	<10	1.7	<1	<1
WCW-7	10/28/14	CH2M Hill	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7.5	0.51	<10	1.2	<1	<1
WCW-7	04/23/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	5.6	<0.50	<10	1.1	<1	<1
WCW-7	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	6.2	0.74	<10	1.9	<1	<1
WCW-7	04/14/16	CH2M	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7.7	0.82	<10	2.2	<1	<1
WCW-7	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-7	10/06/17	CHHL	<50	---	120 CL	---	---	1.2	<0.50	<0.50	<0.50	4.8	<0.50	<10	1.2	<1	<1
WCW-7	04/17/18	CHHL	<50	---	86	---	---	<0.50	<0.50	<0.50	<0.50	5.2	<0.50	<10	<1	<1	<1
WCW-7	11/06/18	CHHL	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	5	<0.50	<10	1.1	<1	<1
WCW-7	04/17/19	CHHL	<50	---	290	---	---	<0.50	<0.50	<0.50	<0.50	14	2.4	<10	5.6	<1	<1
WCW-7	10/31/19	Jacobs	<50	---	120	---	---	<0.50	<0.50	<0.50	<0.50	4.2	0.57	<10	1.3	<1.0	<1.0
WCW-7	05/07/20	Jacobs	<50	---	95	---	---	<0.50	<0.50	<0.50	<0.50	6.7	1.0	<10	1.9	<1.0	<1.0
WCW-8	11/22/96	GSI	84	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	0.5	<5	---	---	---	---
WCW-8	07/15/97	Terra Services	<100	---	1700	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
WCW-8	01/05/98	GTI	<500	---	<100	1300	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-8	05/26/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-8	11/03/98	GTI	<300	2590	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
WCW-8	11/18/99	IT Corporation	<300	1100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	05/16/00	Secor	<300	1500	---	---	---	<0.50	<0.50	<0.50	<0.50	1.8	120	---	---	---	---
WCW-8	08/28/00	Secor	<300	1100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.7	<0.50	---	---	---	---
WCW-8	11/30/00	IT Corporation	<300	790	---	---	---	0.9	<0.50	<0.50	0.8	<0.50	<0.50	---	---	---	---
WCW-8	02/05/01	Secor	<300	940	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	05/09/01	Secor	<300	520	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	09/18/01	Secor	<300	380	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	11/08/01	IT Corporation	<300	220	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	01/30/02	Secor	<300	530	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	04/11/02	Secor	<300	470	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	10/24/02	GTI	<300	360	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-8	04/10/03	Secor	61	270	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	10/11/03	Blaine Tech for Parsons	<100	430	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	05/10/04	Secor	55	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	11/03/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	05/05/05	Secor	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	11/05/05	Blaine Tech for Parsons	<100	210	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	05/05/06	Secor	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	12/05/06	Blaine Tech for Parsons	<100	450	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	05/02/07	Secor	<50	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	11/14/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.6	---	---	---	---
WCW-8	10/17/08	Blaine Tech for Parsons	<100	---	---	---	230	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
WCW-8	04/21/09	Blaine Tech for AMEC GMX	<50	210	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<1	<1	<1
WCW-8	10/26/09	Blaine Tech for DESC	<100	---	---	---	200	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
WCW-8	05/27/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/07/10	Blaine Tech for Parsons	<100	---	---	---	200	<0.50	---	---	---	<0.50	0.9	3.7 J	---	---	---

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	04/13/11	Blaine Tech	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.96	<10	<1	<1	<1
WCW-8	10/14/11	Parsons	---	---	---	---	170	<0.50	<0.50	<0.50	<0.50	<0.50	0.92	<10	<2	<2	<2
WCW-8	04/19/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.89	<10	<1	<1	<1
WCW-8	10/18/12	Parsons	---	---	---	---	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	04/11/13	CH2M Hill	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
WCW-8	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	11/06/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/31/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	05/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-9	11/22/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-9	07/08/97	Terra Services	<100	---	<500	---	---	<0.50	1.1	<0.50	1.1	<0.50	<5	---	---	---	---
WCW-9	01/05/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-9	05/19/98	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-9	11/03/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
WCW-9	11/18/99	IT Corporation	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	05/16/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	11/30/00	IT Corporation	<300	<100	---	---	---	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-10	11/25/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-10	07/08/97	Terra Services	<100	---	<500	---	---	<0.50	2.2	<0.50	<1	<0.50	<5	---	---	---	---
WCW-10	01/05/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-10	05/19/98	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-10	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-10	05/05/99	Alton Geoscience	<500	---	<500	---	---	<0.50	0.8	<0.50	<0.50	<1	<0.50	---	---	---	---
WCW-10	11/17/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	0.8	<0.50	<0.50	---	---	---	---
WCW-10	05/19/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-10	11/30/00	IT Corporation	<300	<100	---	---	---	1	<0.50	<0.50	0.7	<0.50	<0.50	---	---	---	---
WCW-10	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-10	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-10	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	11/25/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-11	07/08/97	Terra Services	<100	---	<500	---	---	<0.50	2.5	<0.50	<1	<0.50	<5	---	---	---	---
WCW-11	01/05/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-11	05/18/98	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-11	11/03/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
WCW-11	11/17/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	05/18/00	Secor	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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-11	11/30/00	IT Corporation	<300	<100	---	---	---	0.8	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/25/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-12	07/09/97	Terra Services	<100	---	<500	---	---	<0.50	2.5	<0.50	<1	<0.50	<5	---	---	---	---
WCW-12	01/05/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-12	05/18/98	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-12	11/03/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	05/06/99	Alton Geoscience	<500	---	<500	---	---	1.4	5.3	<0.50	2.3	<1	<0.50	---	---	---	---
WCW-12	11/17/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	05/18/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/30/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-12	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	05/10/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/03/04	Blaine Tech for Parsons	<100	3600	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	03/02/05	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<1	<1	<1	---	<1	---	---	---	---
WCW-12	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/05/05	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	12/08/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	05/01/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	10/17/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/27/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	05/24/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/07/10	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
WCW-12	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/14/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/08/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

Appendix D. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	05/12/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	11/25/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-13	07/09/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
WCW-13	01/05/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-13	05/18/98	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.4	---	---	---	---
WCW-13	11/03/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/06/99	Alton Geoscience	<500	---	<500	---	---	0.88	3.1	<0.50	0.87	<1	<0.50	---	---	---	---
WCW-13	11/17/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/18/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.8	<0.50	---	---	---	---
WCW-13	08/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	11/30/00	IT Corporation	<300	<100	---	---	---	0.6	<0.50	<0.50	<0.50	1	<0.50	---	---	---	---
WCW-13	02/05/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---
WCW-13	09/18/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1	<0.50	---	---	---	---
WCW-13	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	07/30/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-13	01/28/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	01/28/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/10/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	07/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	11/03/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	02/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	08/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	11/05/05	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	02/28/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	09/20/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	12/08/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	03/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/01/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	08/28/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	02/21/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	08/13/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	10/17/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	02/23/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	07/20/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/27/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	03/15/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	05/24/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	07/12/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/08/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	01/10/11	Blaine Tech	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	07/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	01/09/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	07/09/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	01/14/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/09/13	CH2M Hill	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/18/17	CH2M	<50	---	450	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	05/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	11/03/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	<0.50	---	---	---	---
WCW-14	05/06/99	Alton Geoscience	<500	---	<500	---	---	1.8	6.6	0.55	3	<1	<0.50	---	---	---	---
WCW-14	11/17/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	05/18/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	11/30/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-14	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	05/10/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	11/03/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	11/05/05	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	12/08/06	Blaine Tech for Parsons	<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 May 2020
 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	05/01/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	10/17/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/27/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/07/10	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
WCW-14	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/14/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/08/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/23/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	11/06/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	05/06/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/23/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	11/06/18	CHHL	<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 May 2020
Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	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	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	05/06/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

Notes:

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-d = total extractable petroleum hydrocarbons quantified using a diesel 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

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

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

--- = not analyzed

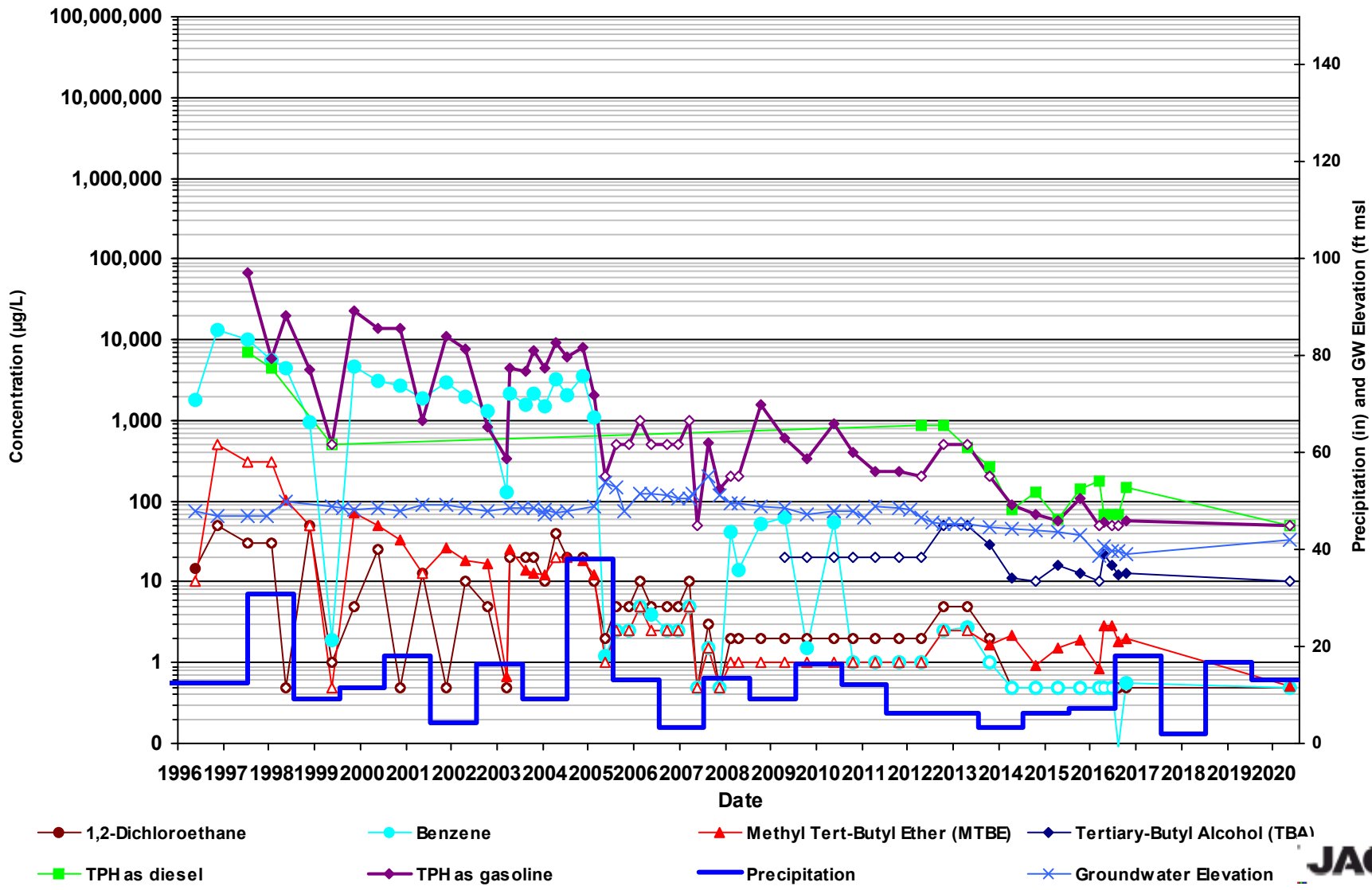
b or HD = Chromatographic pattern was inconsistent with the profile of the reference fuel standard.

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

Appendix E

Time Series Charts

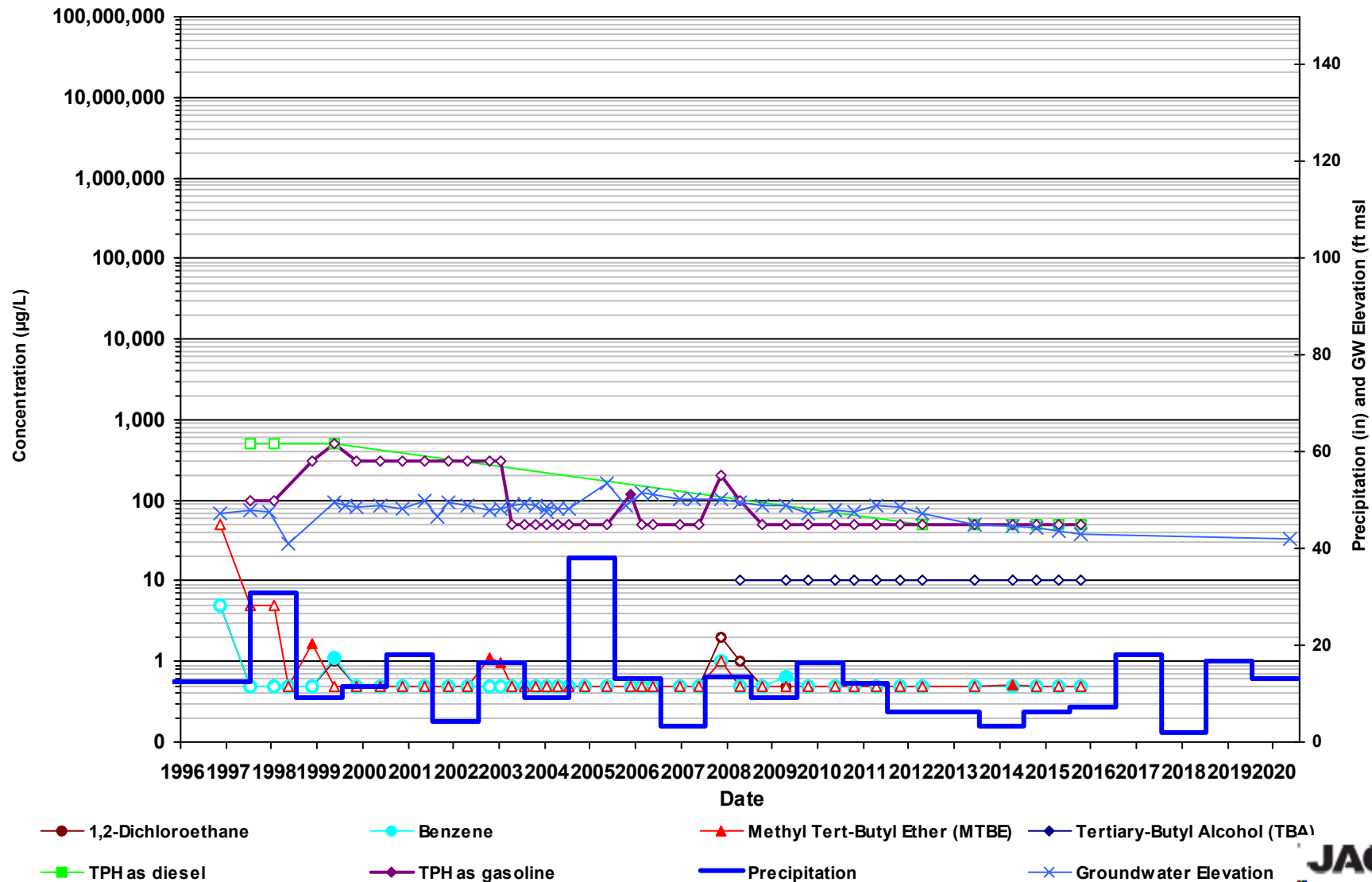
GMW-1



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/>

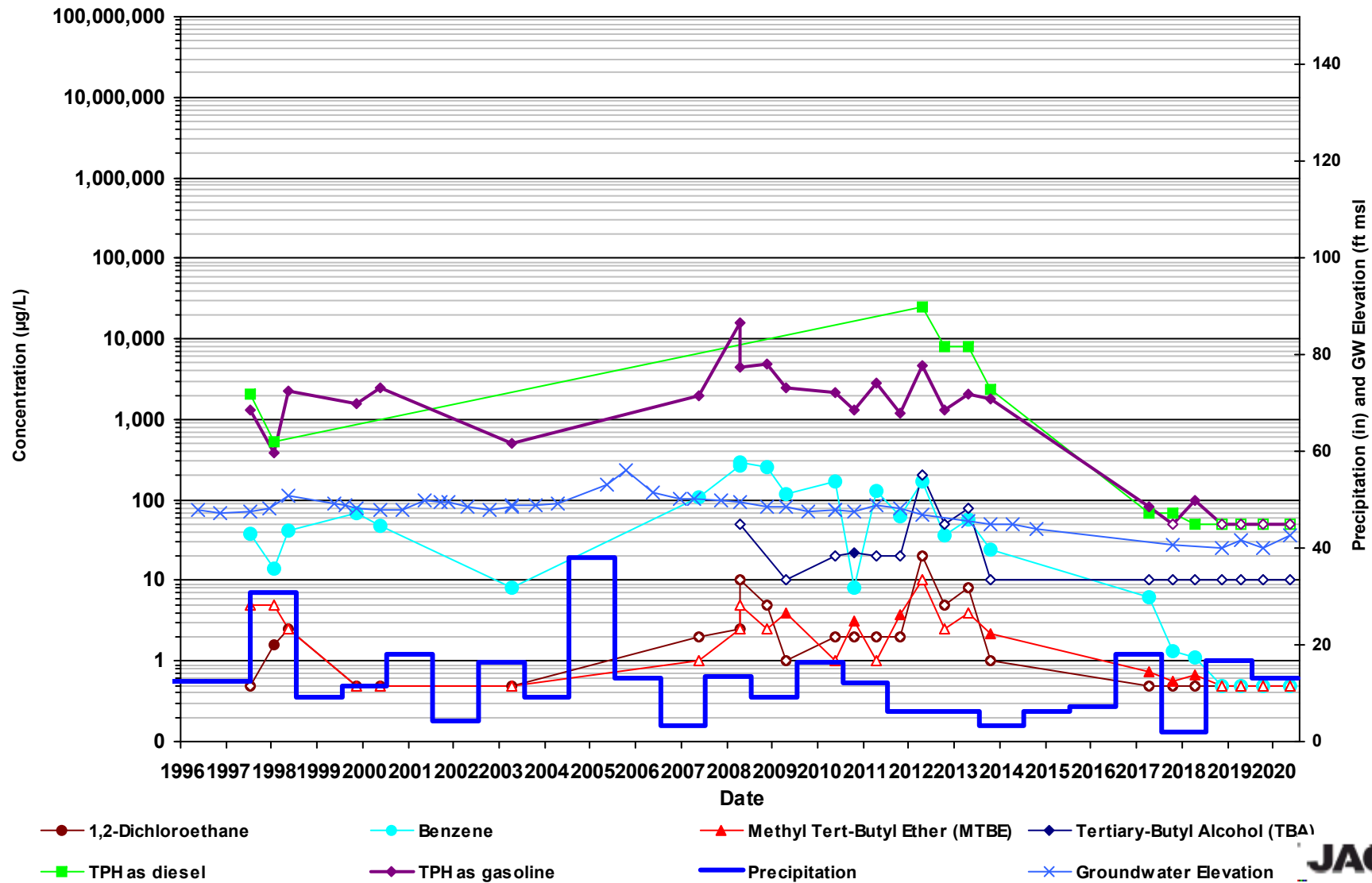
GMW-3



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/>

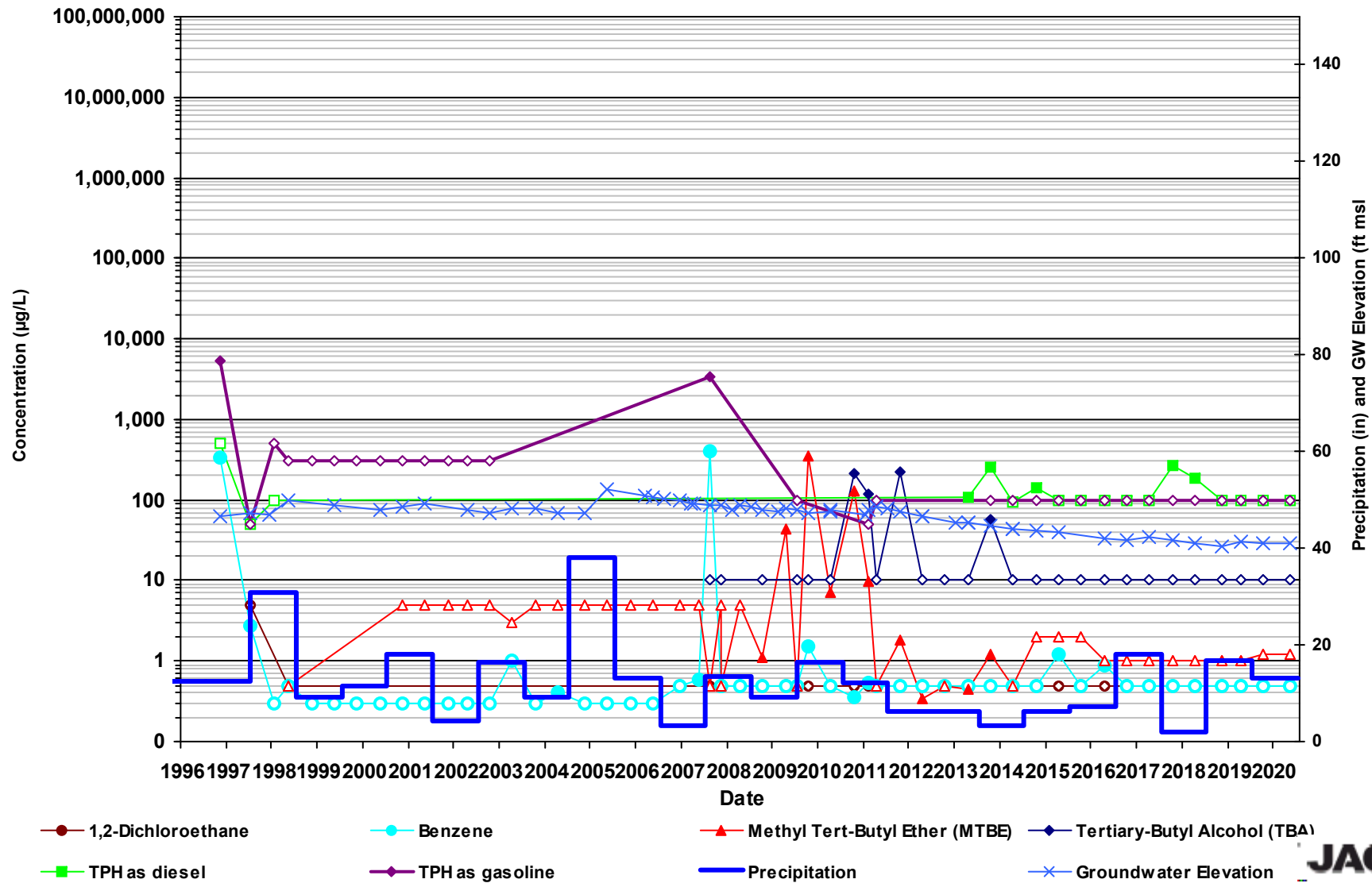
GMW-4



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/>

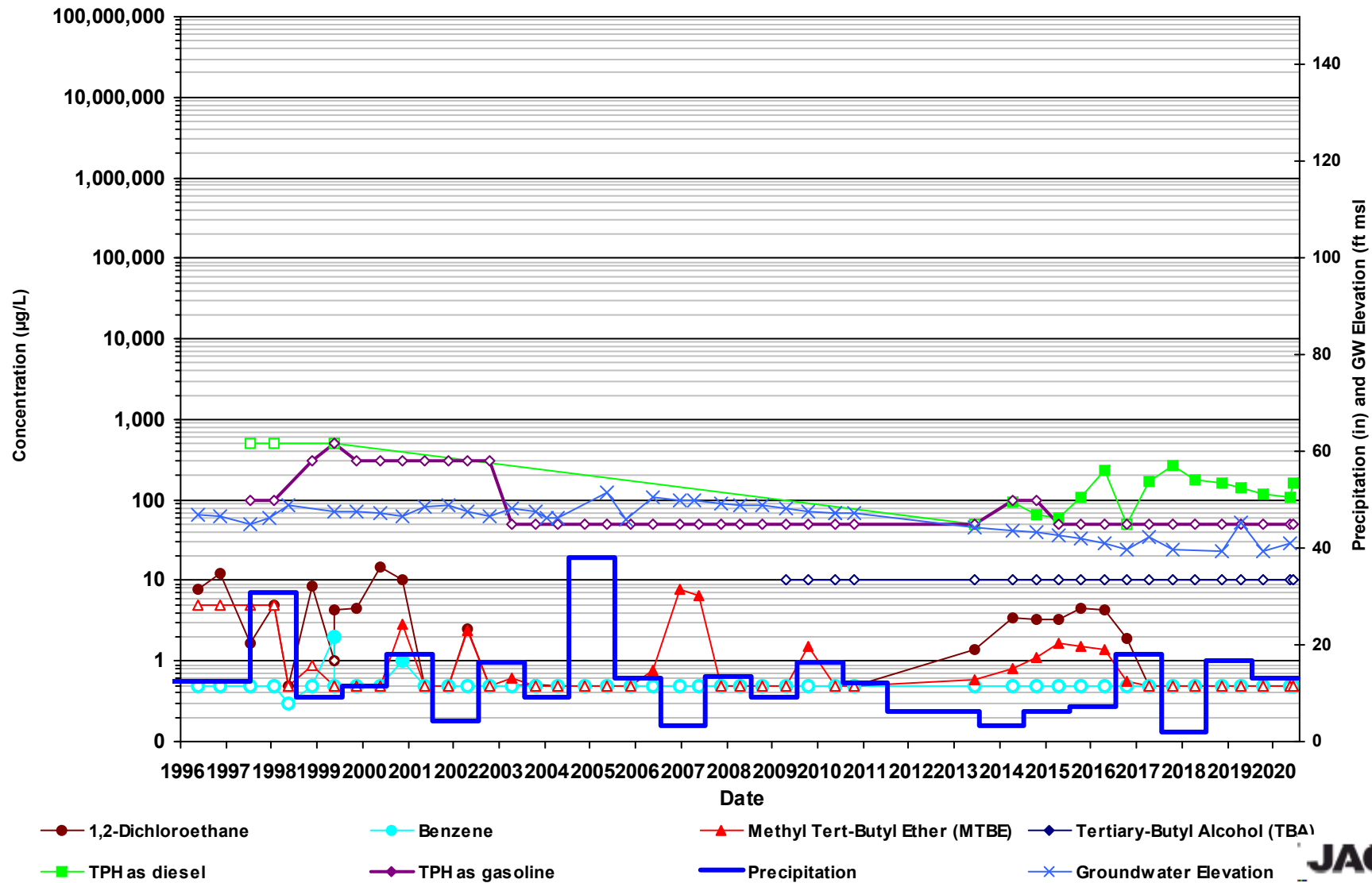
GMW-6



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/>

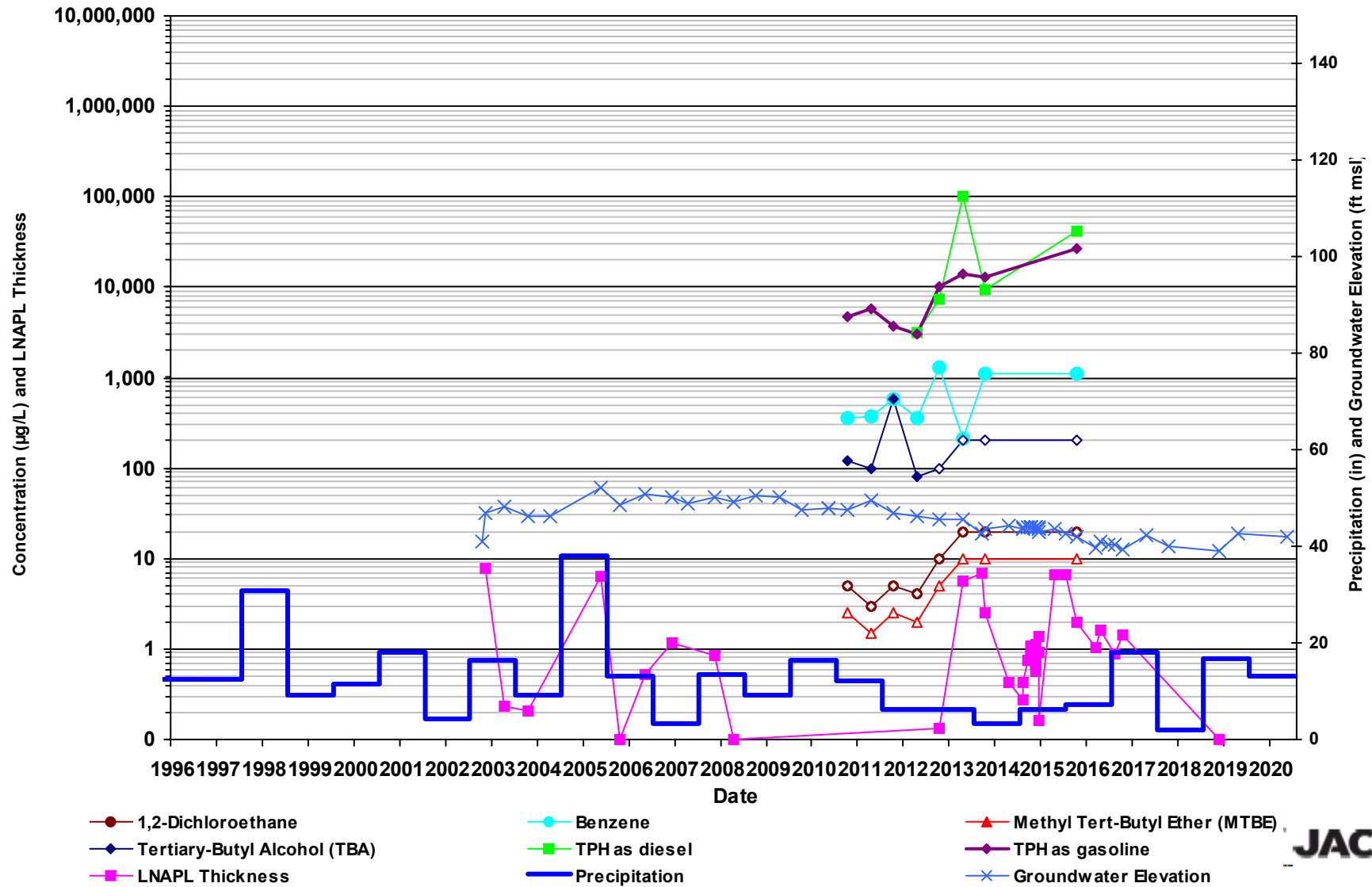
GMW-8



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/>

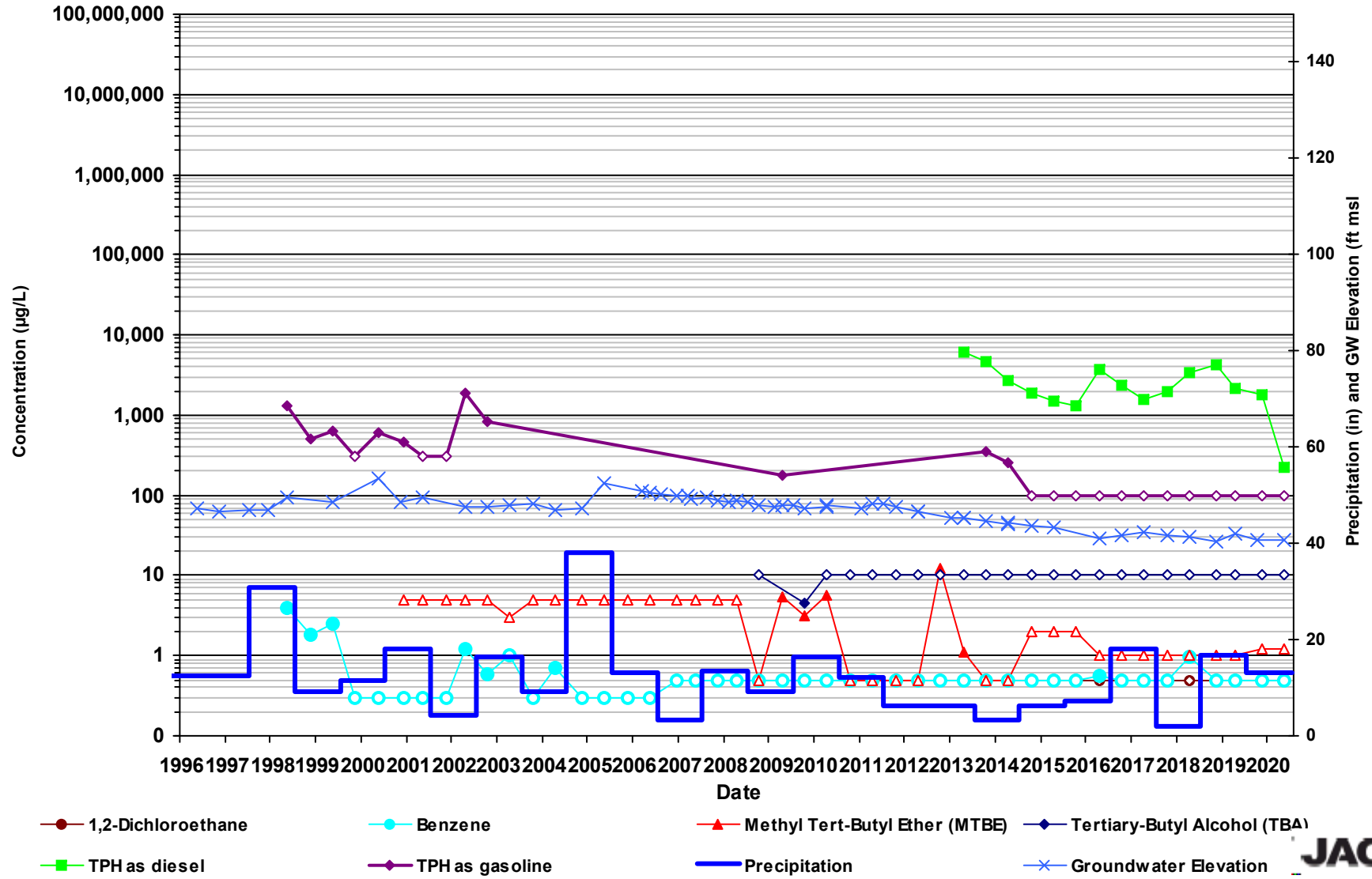
GMW-10



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/>

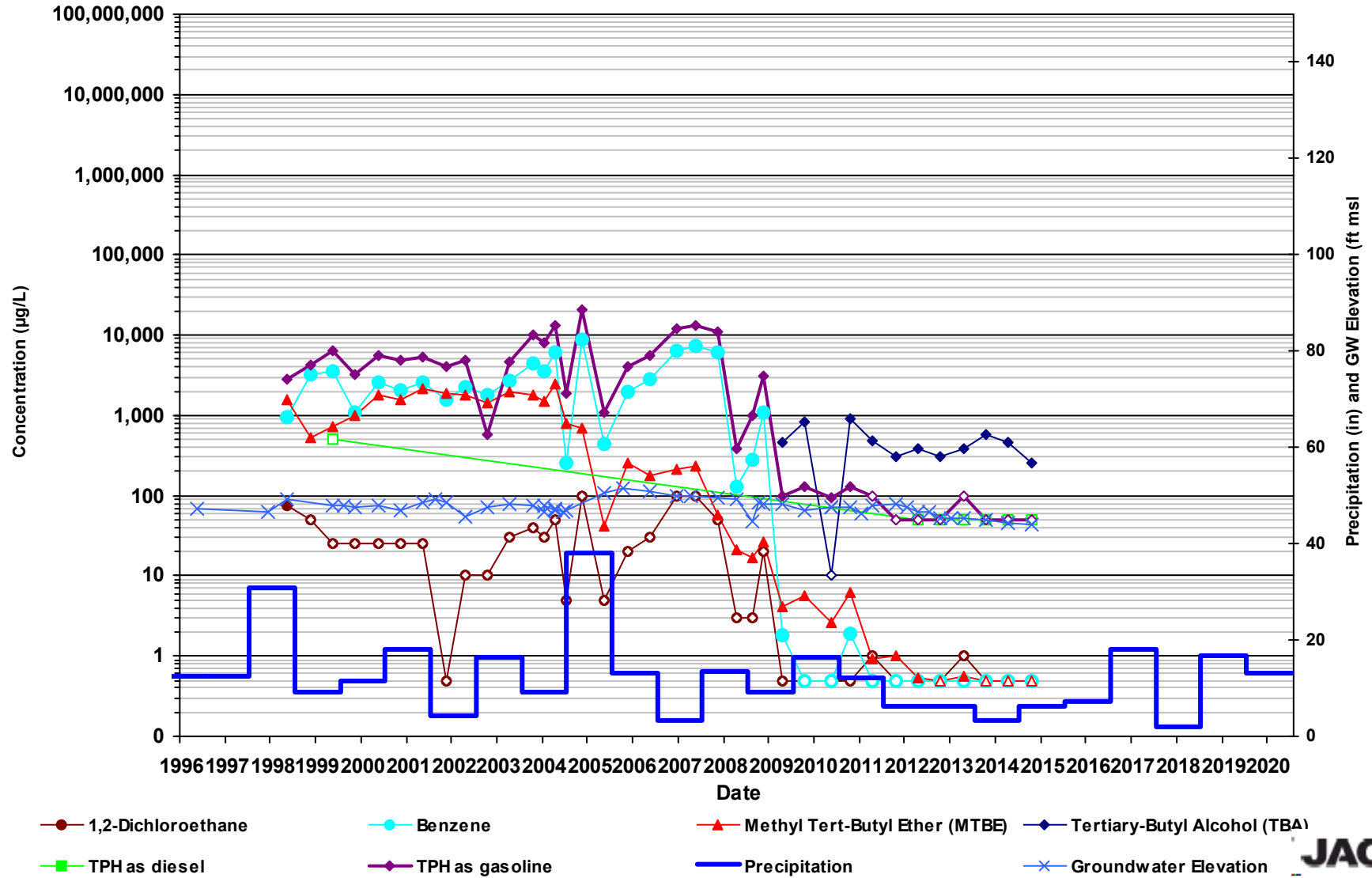
GMW-15



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/>

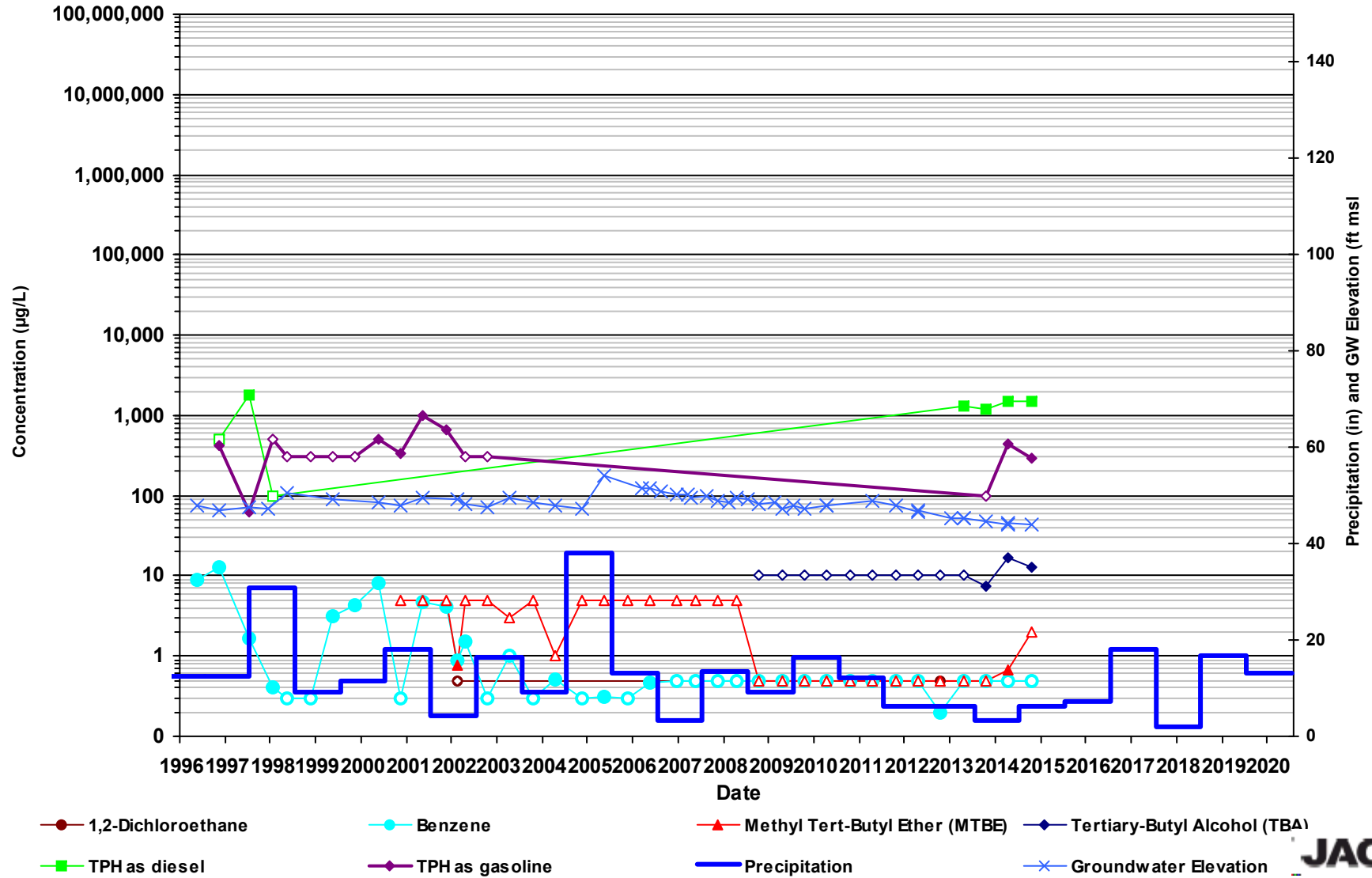
GMW-27



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/>

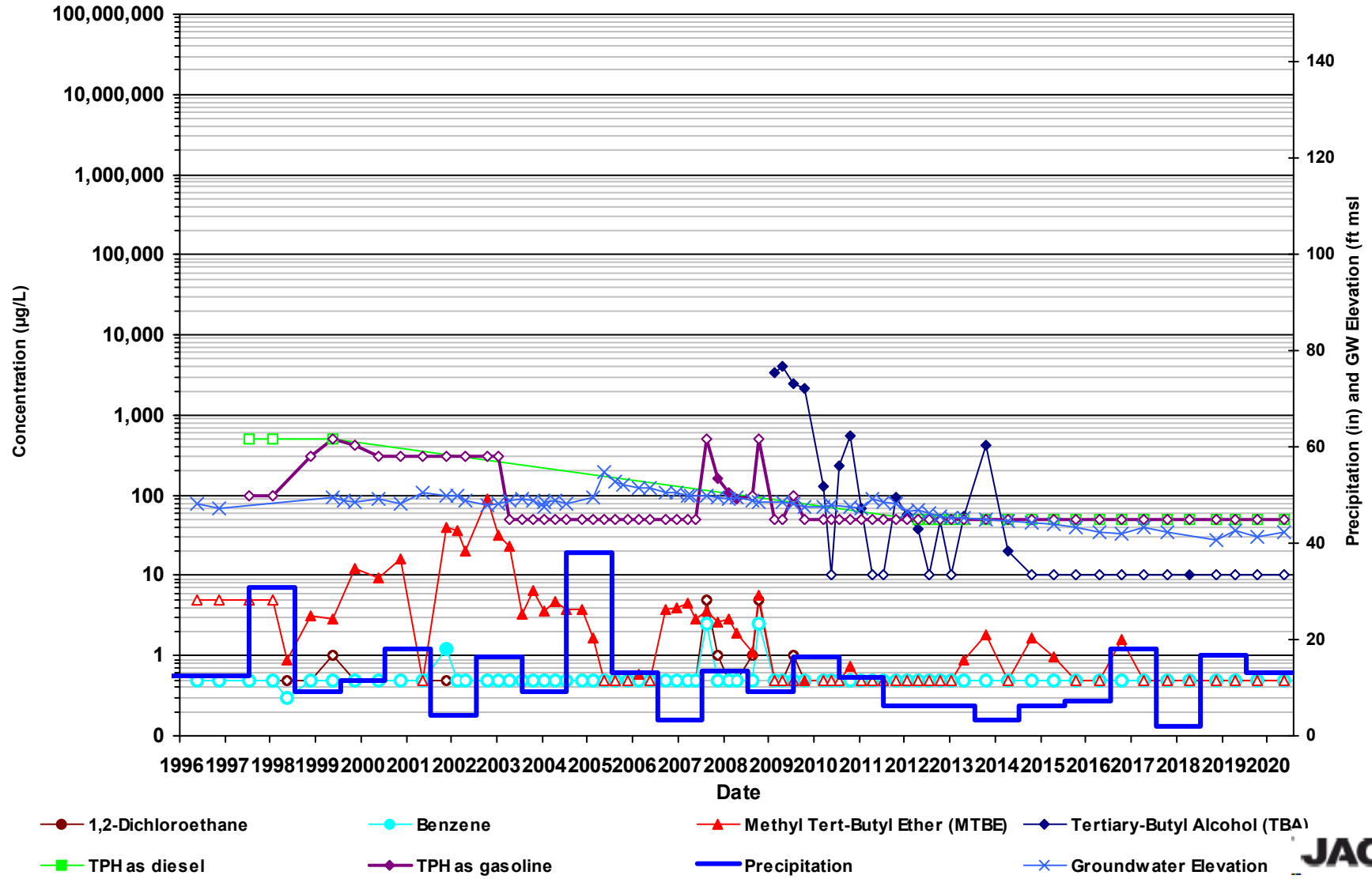
GMW-32



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/>

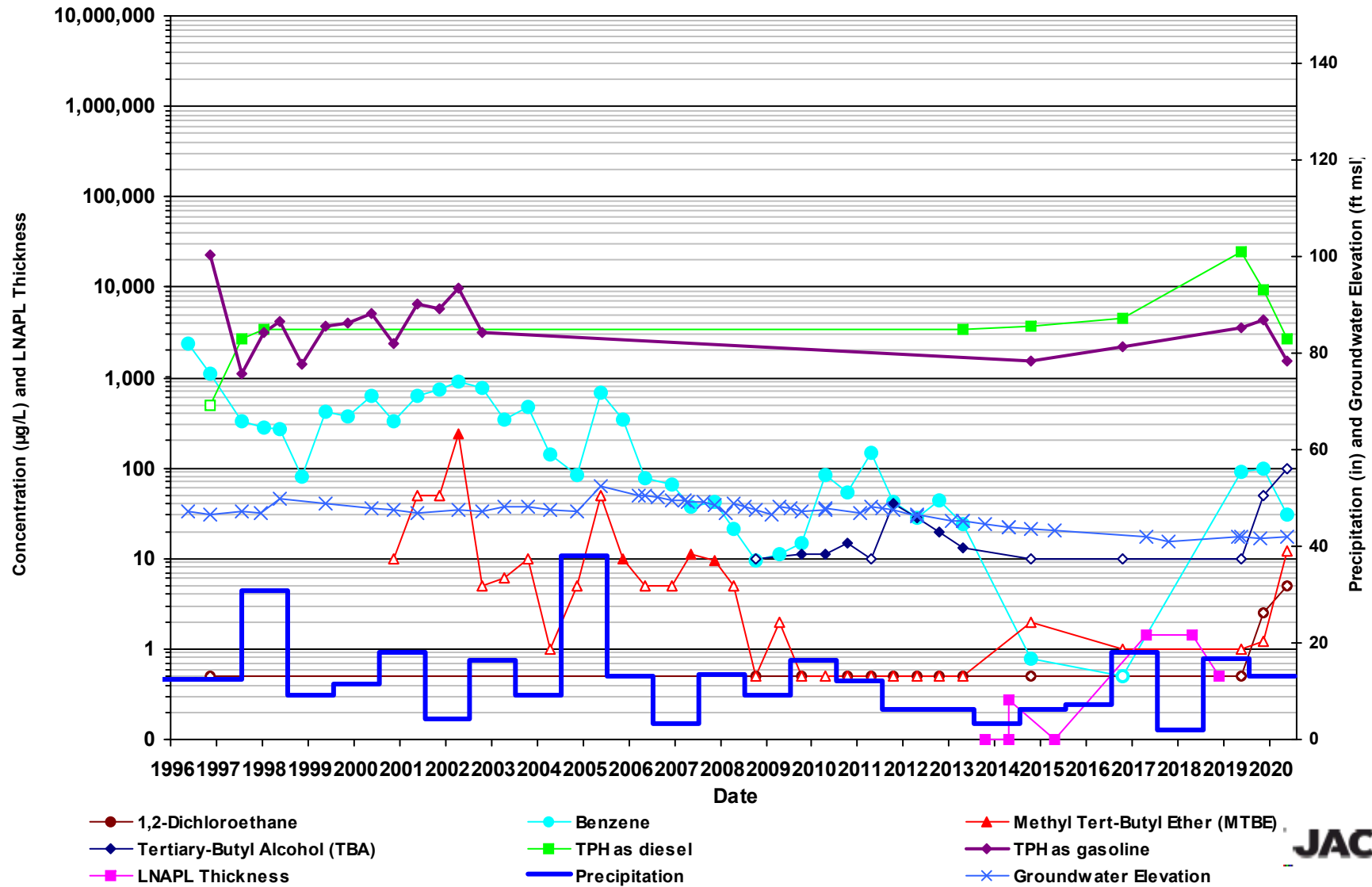
GMW-39



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/>

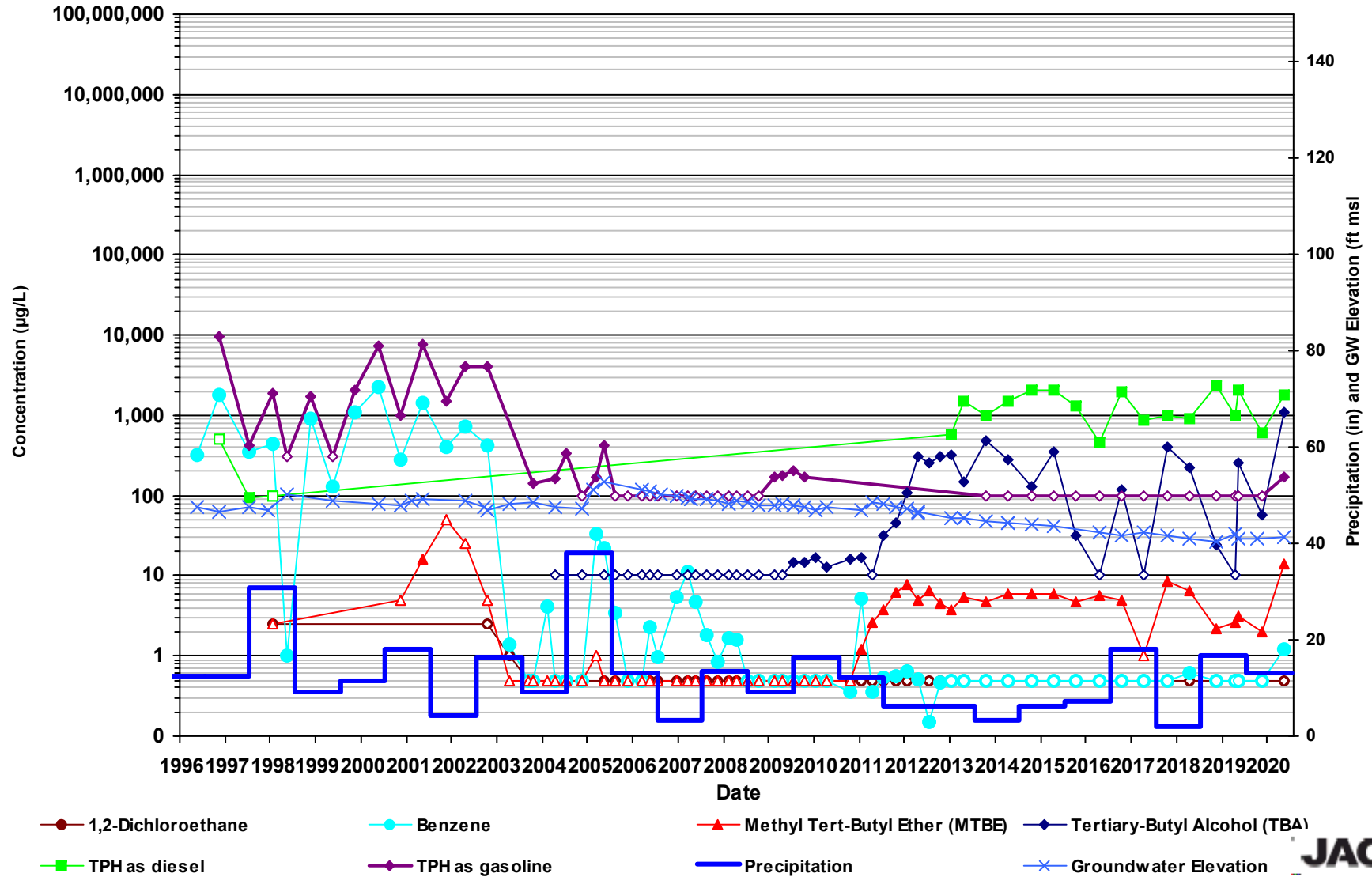
GMW-45



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/>

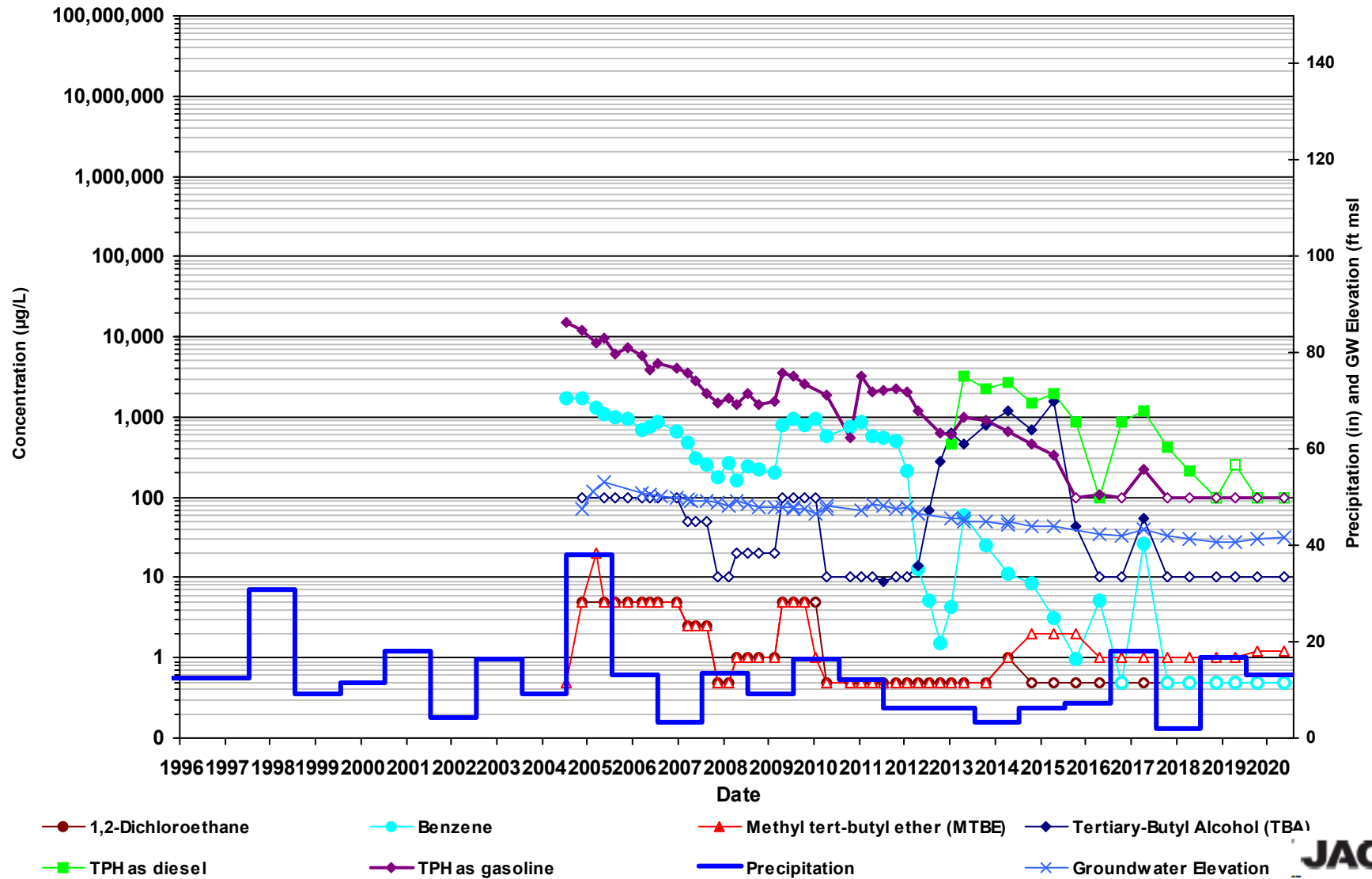
GMW-47



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/>

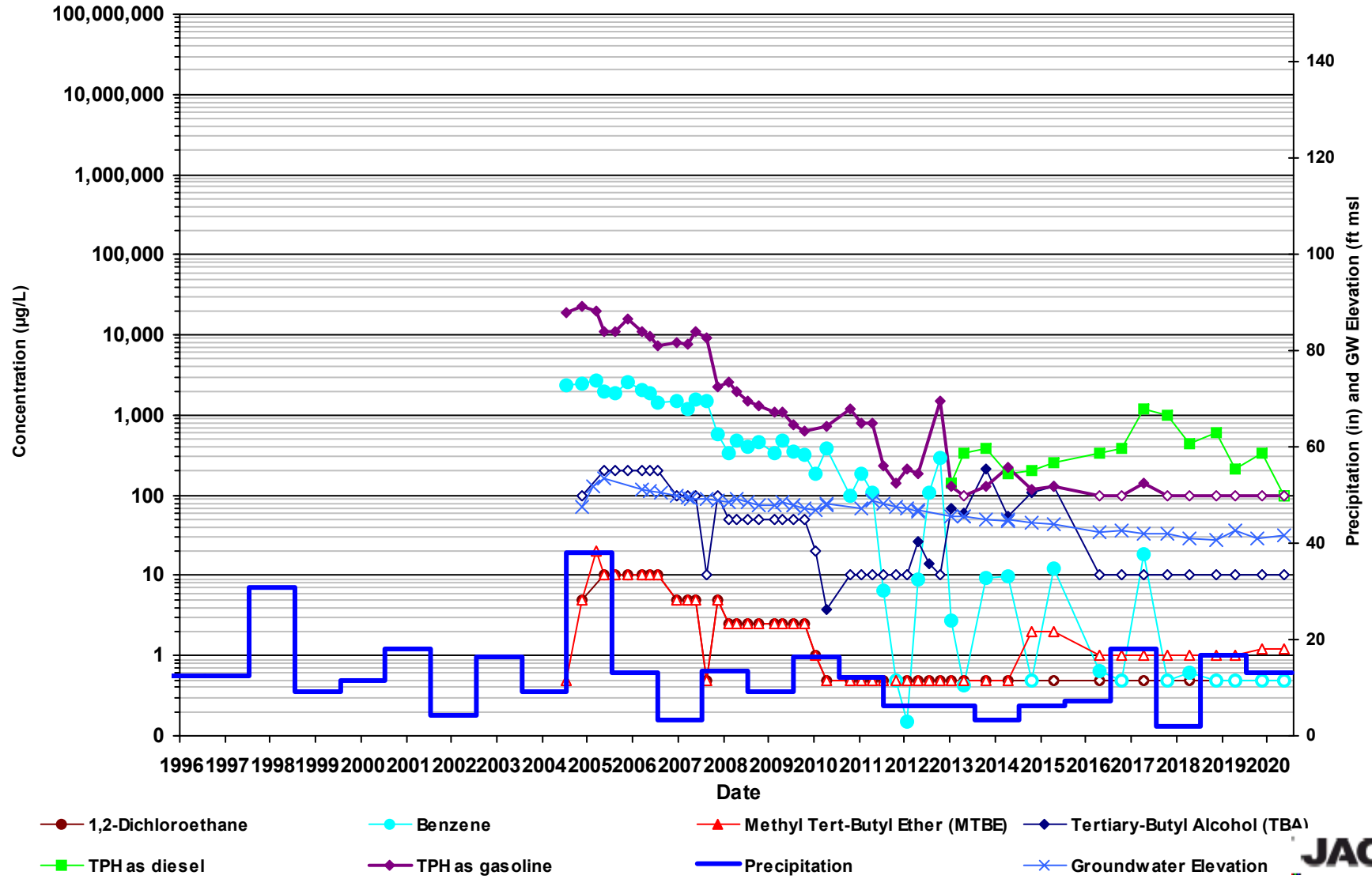
GMW-60



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/>

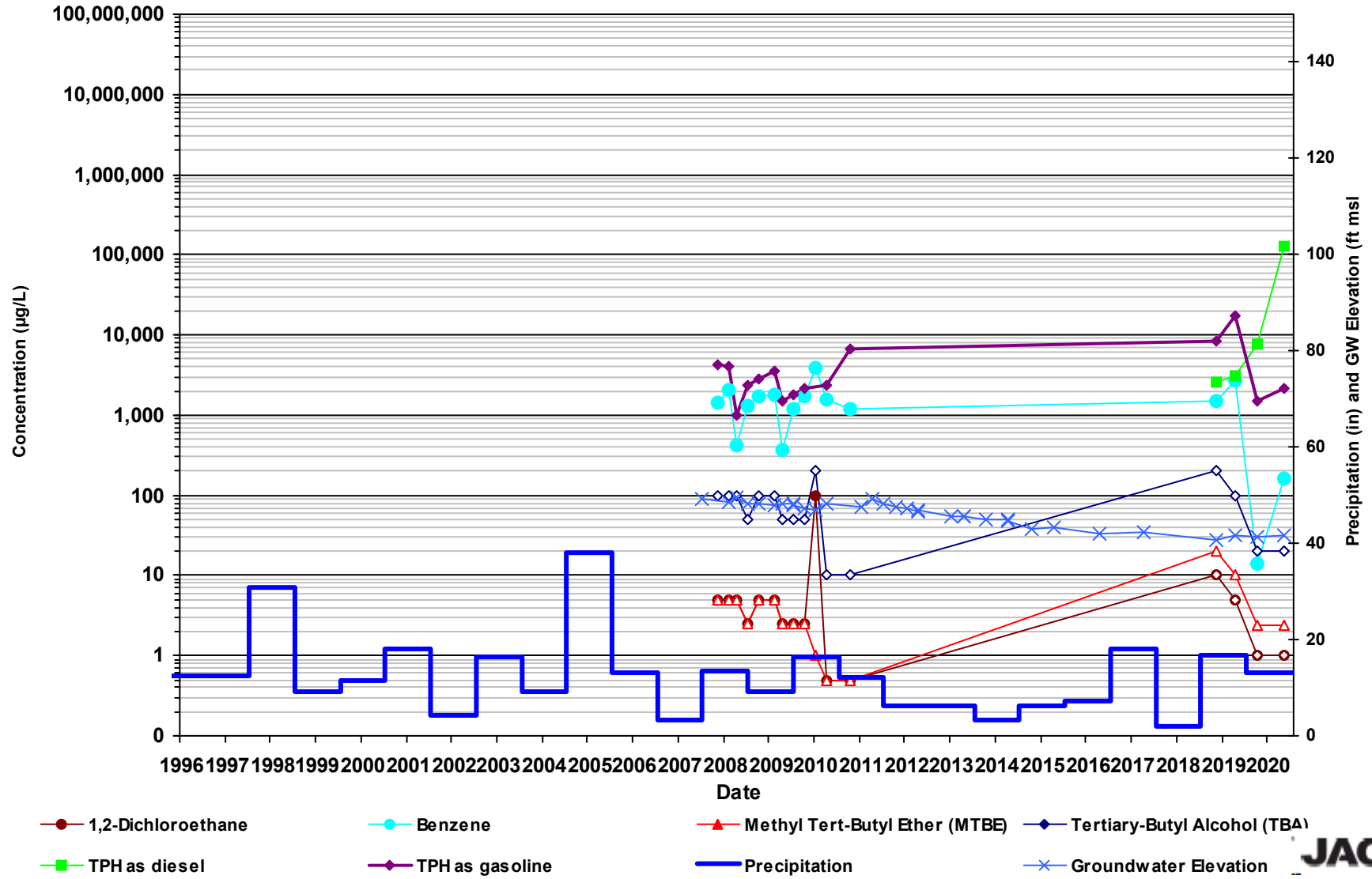
GMW-61



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/>

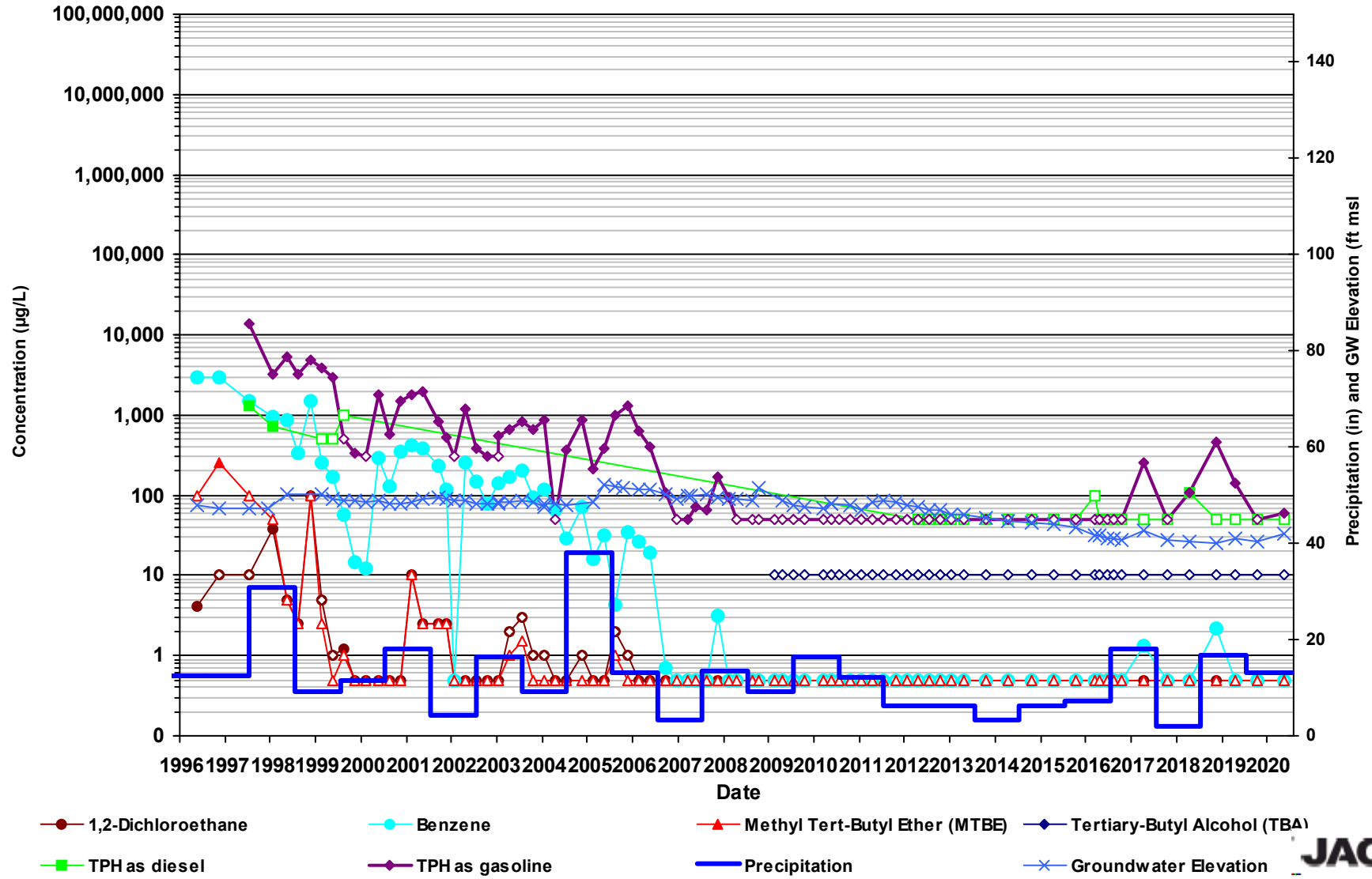
GMW-62



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/>

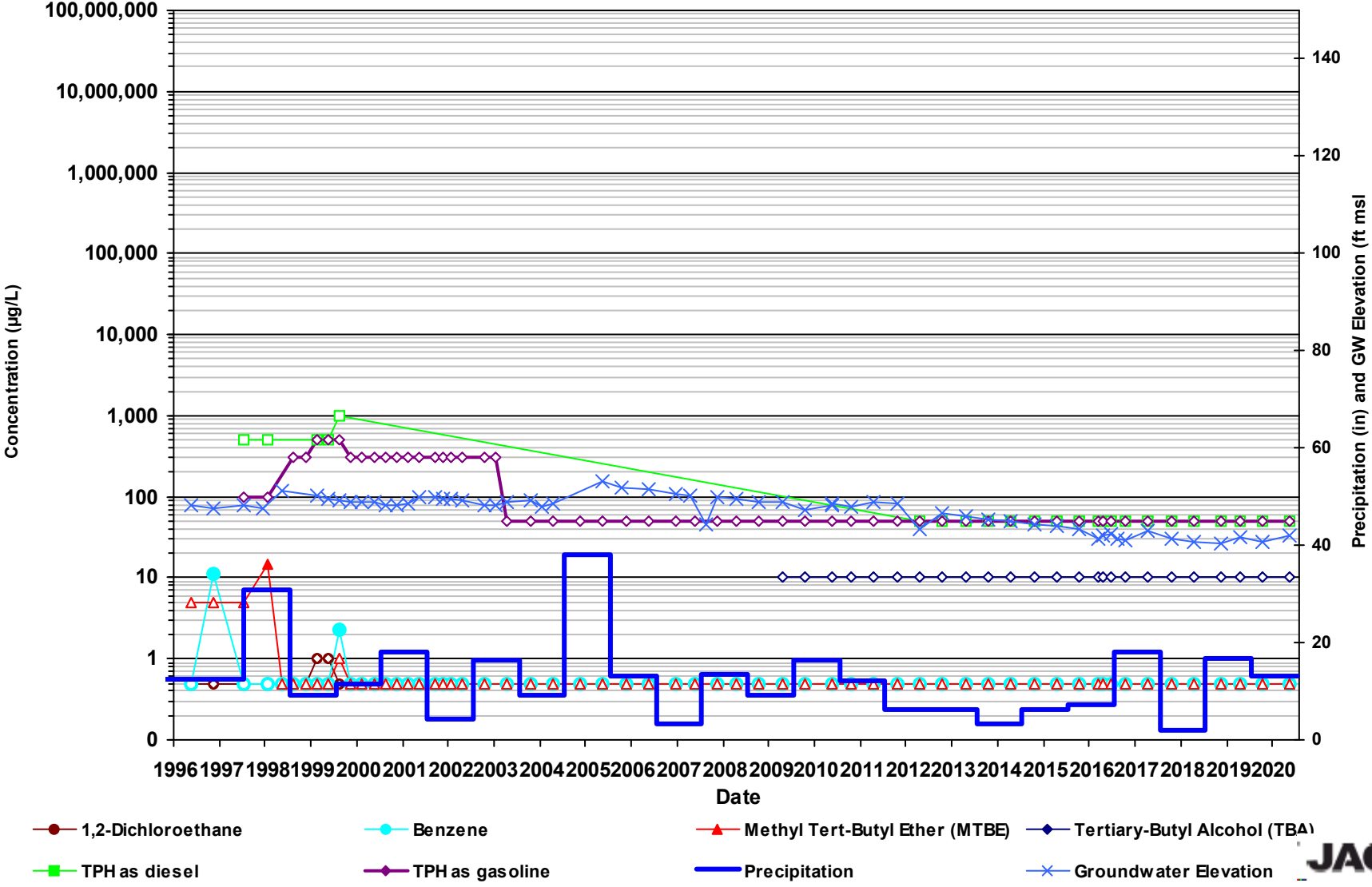
GMW-O-3



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/>

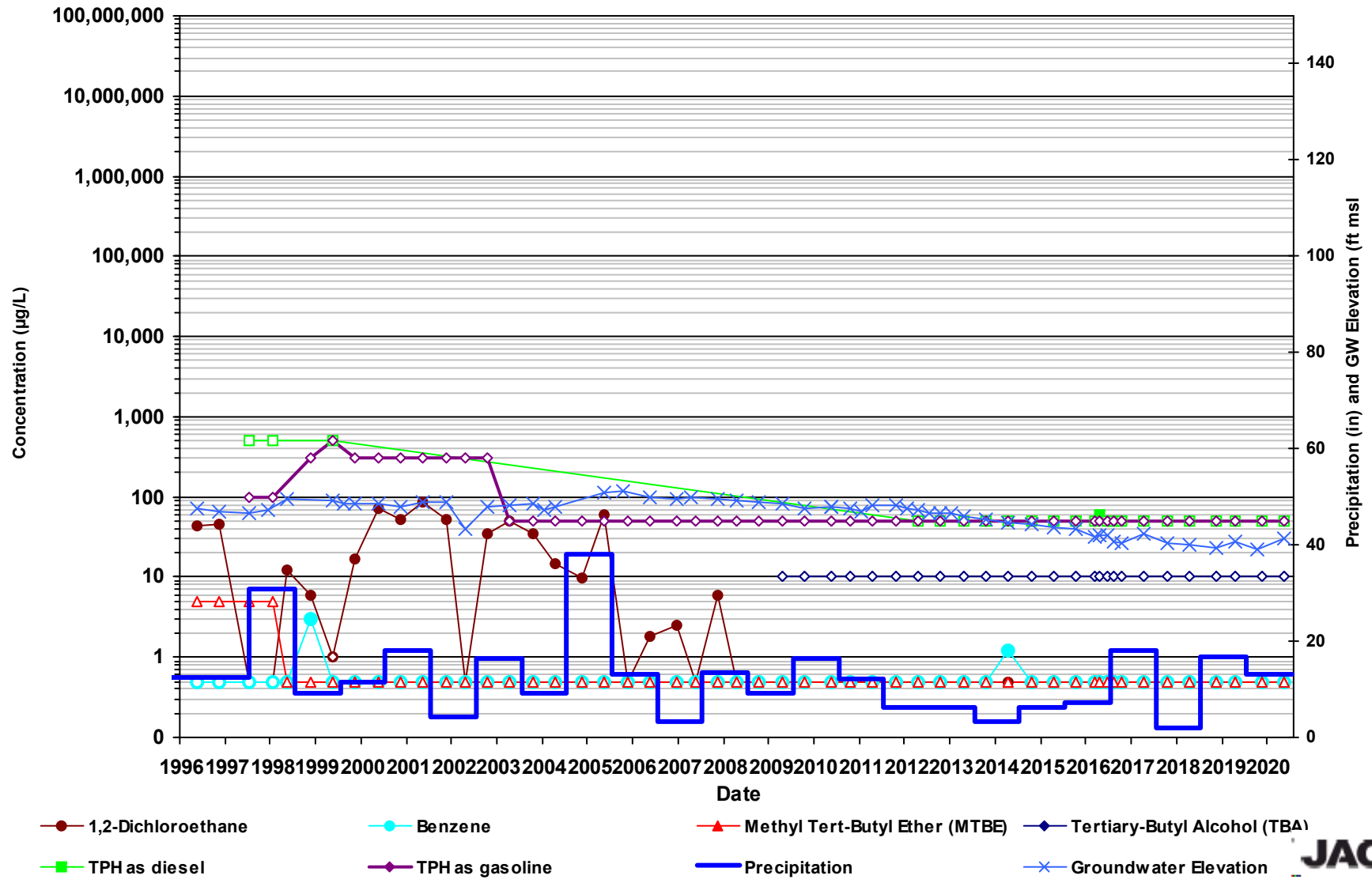
GMW-O-5



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/>

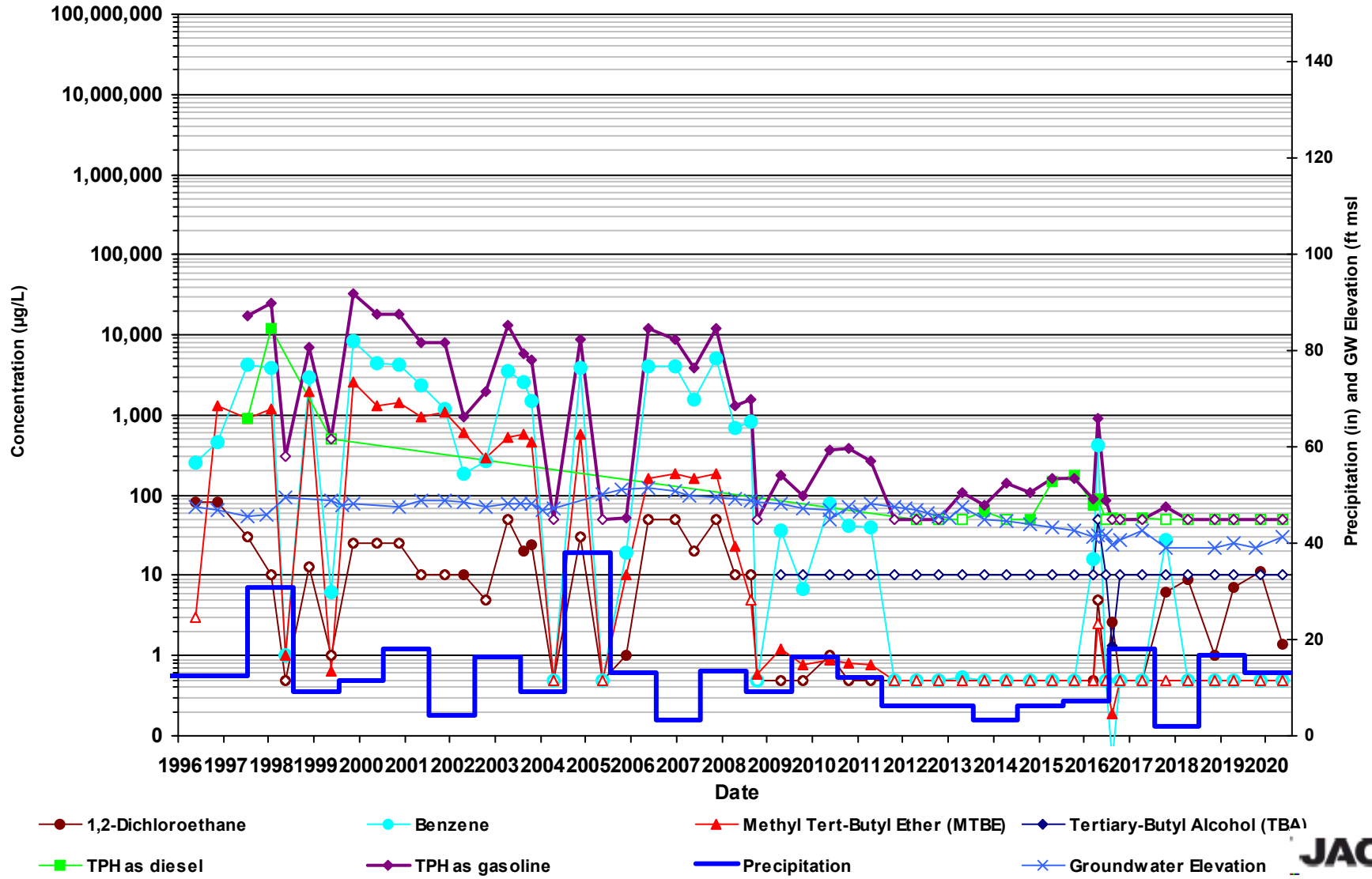
GMW-O-9



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/>

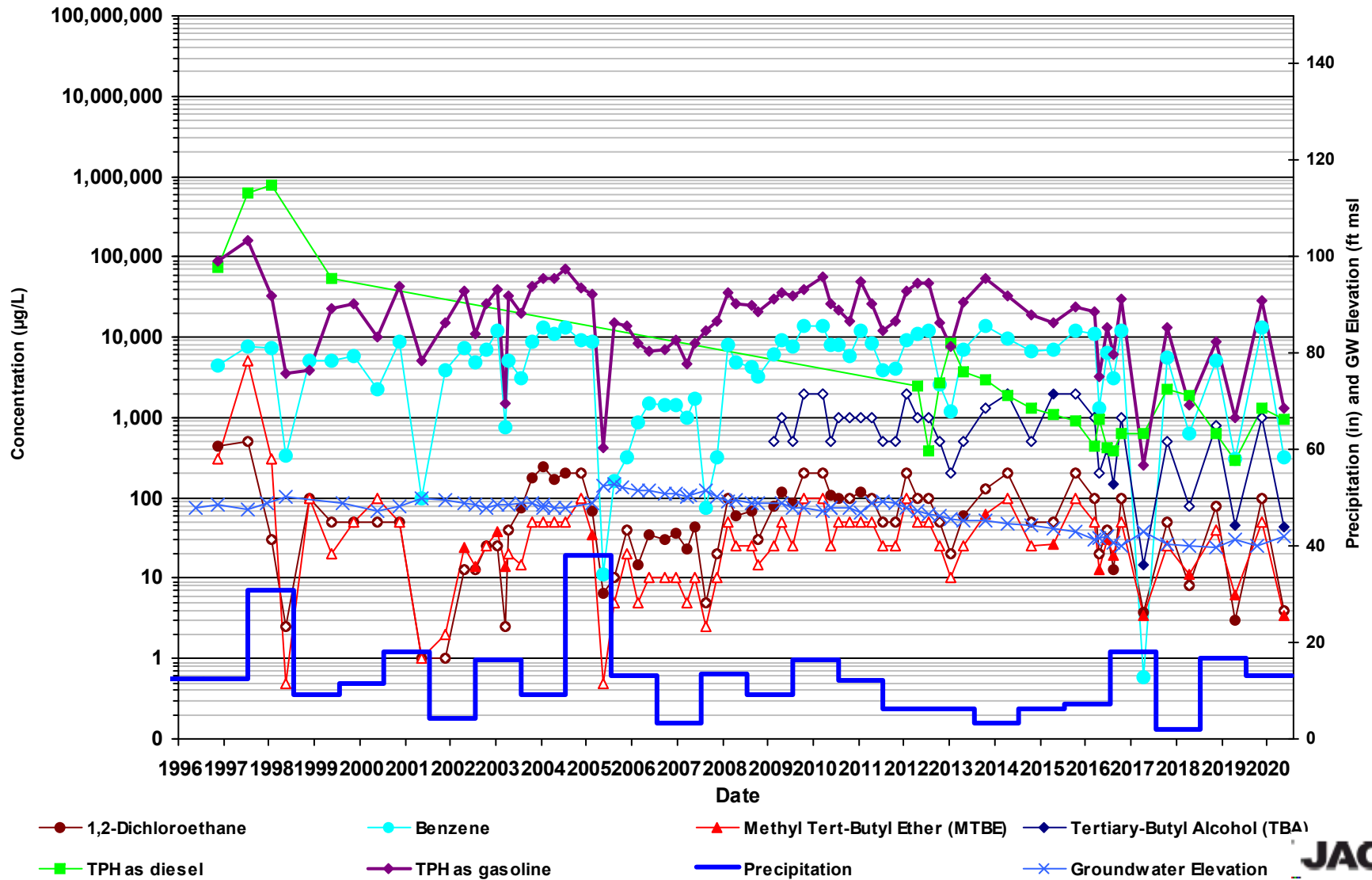
GMW-O-10



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/>

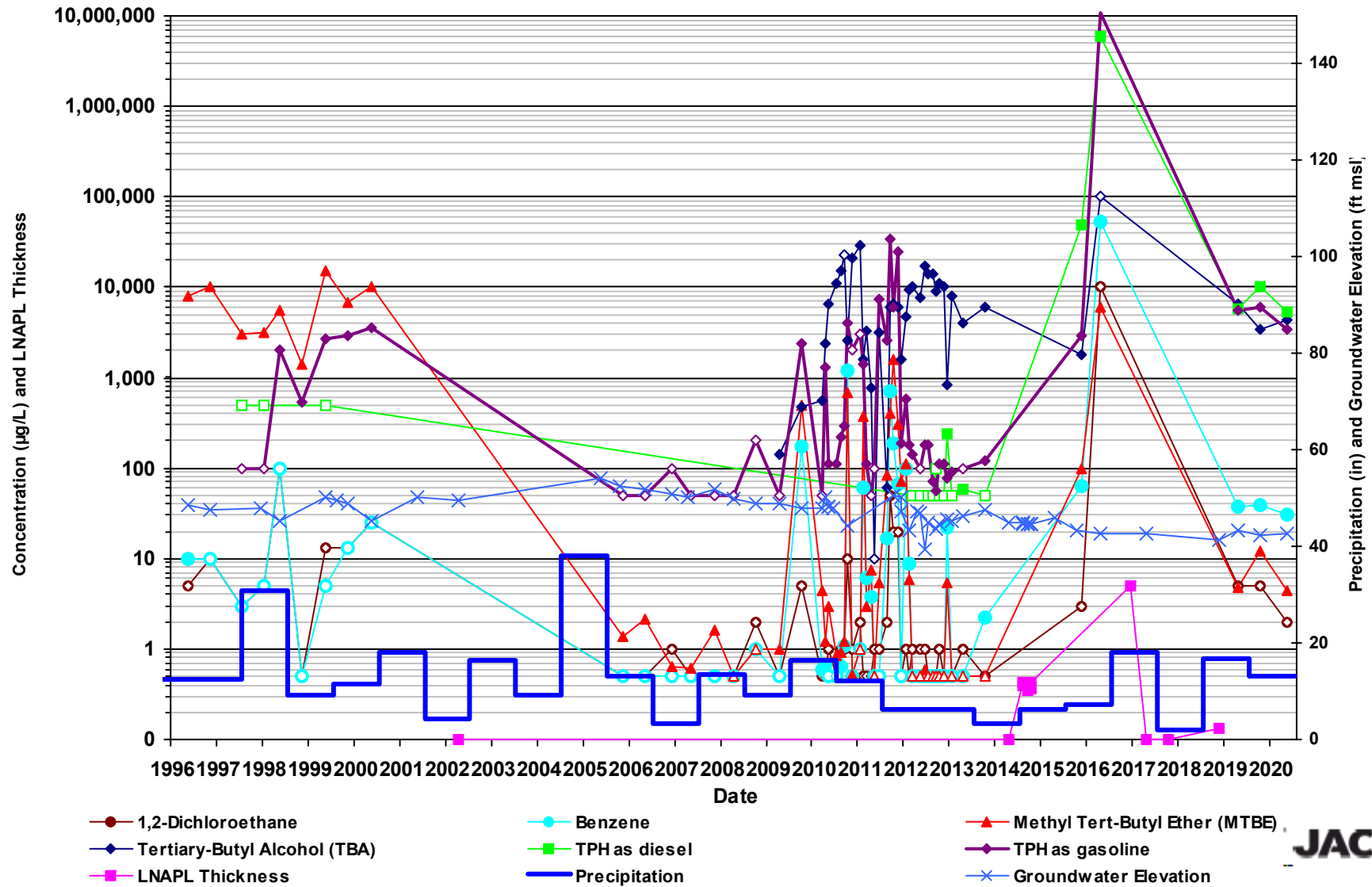
GMW-O-14



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/>

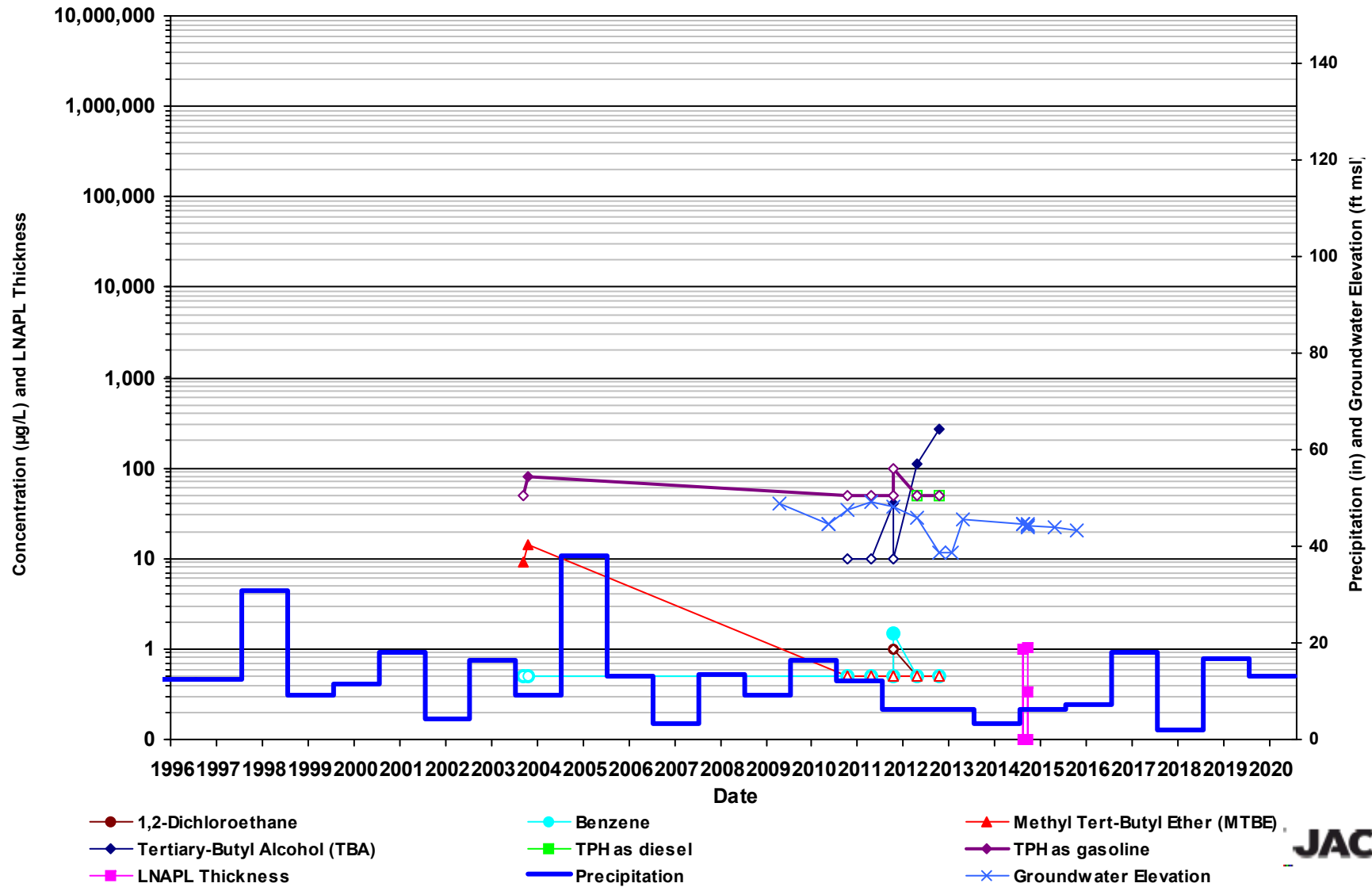
GMW-O-18



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/>

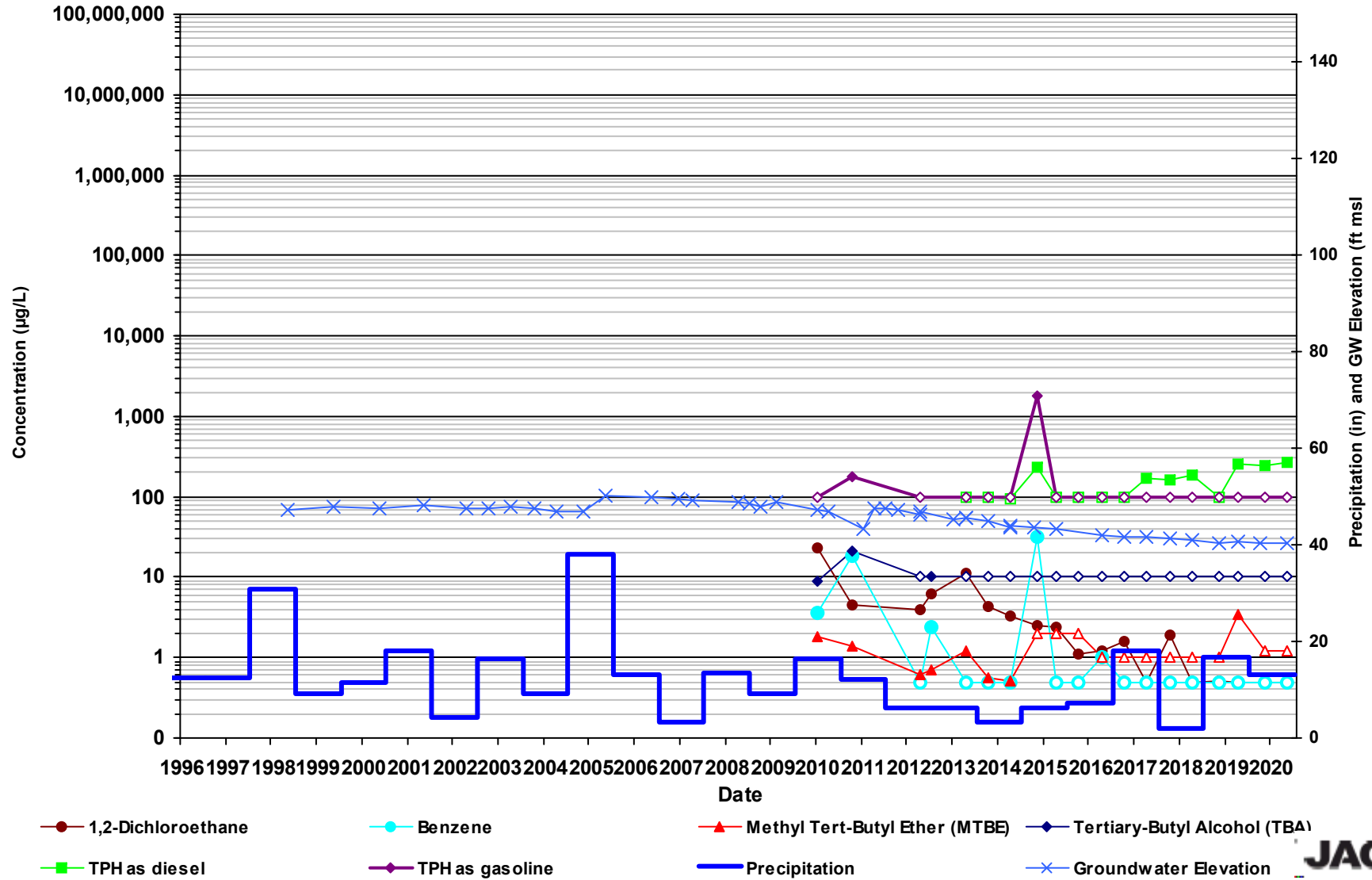
GMW-SF-9



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/>

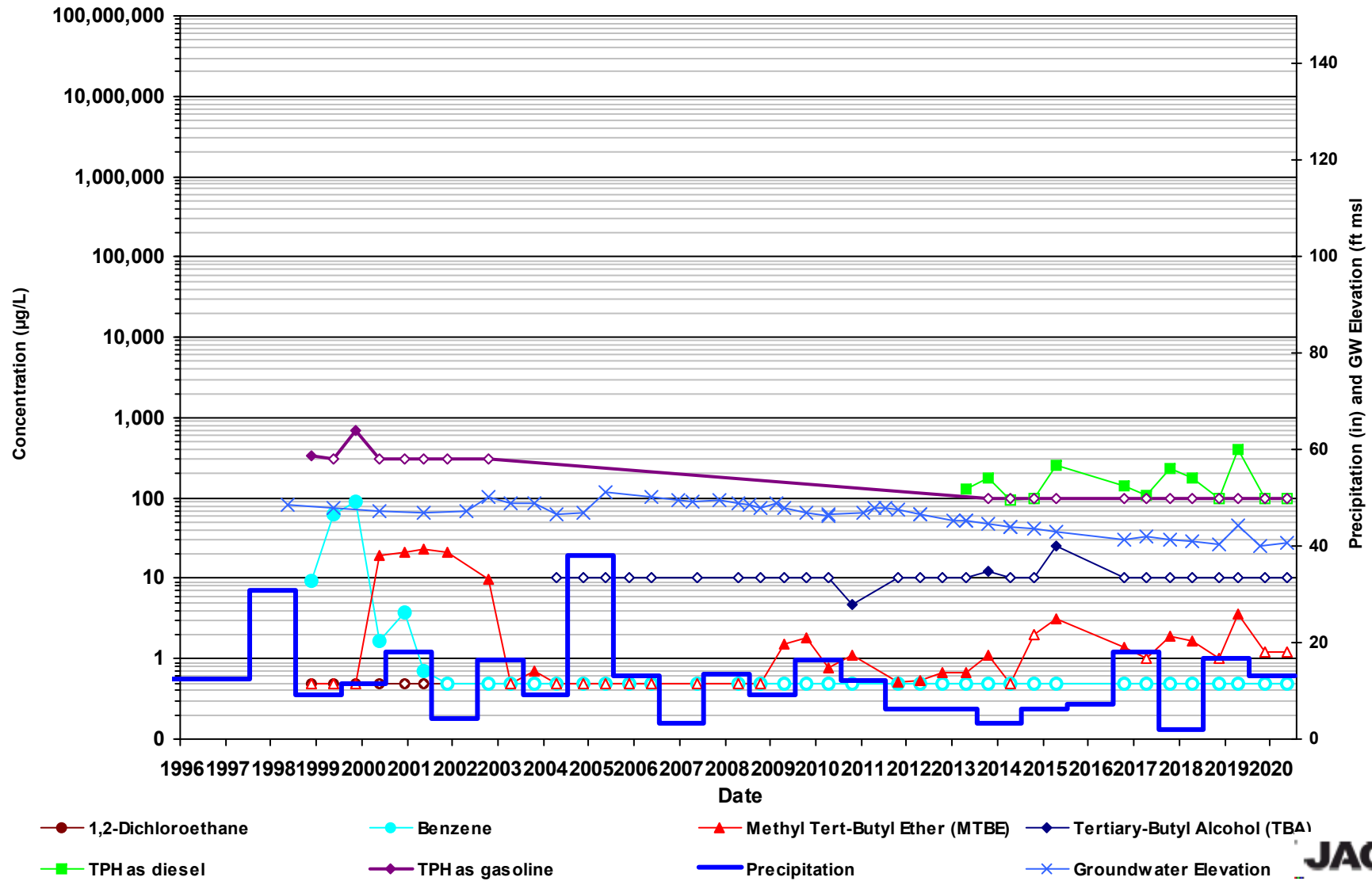
GW-2



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/>

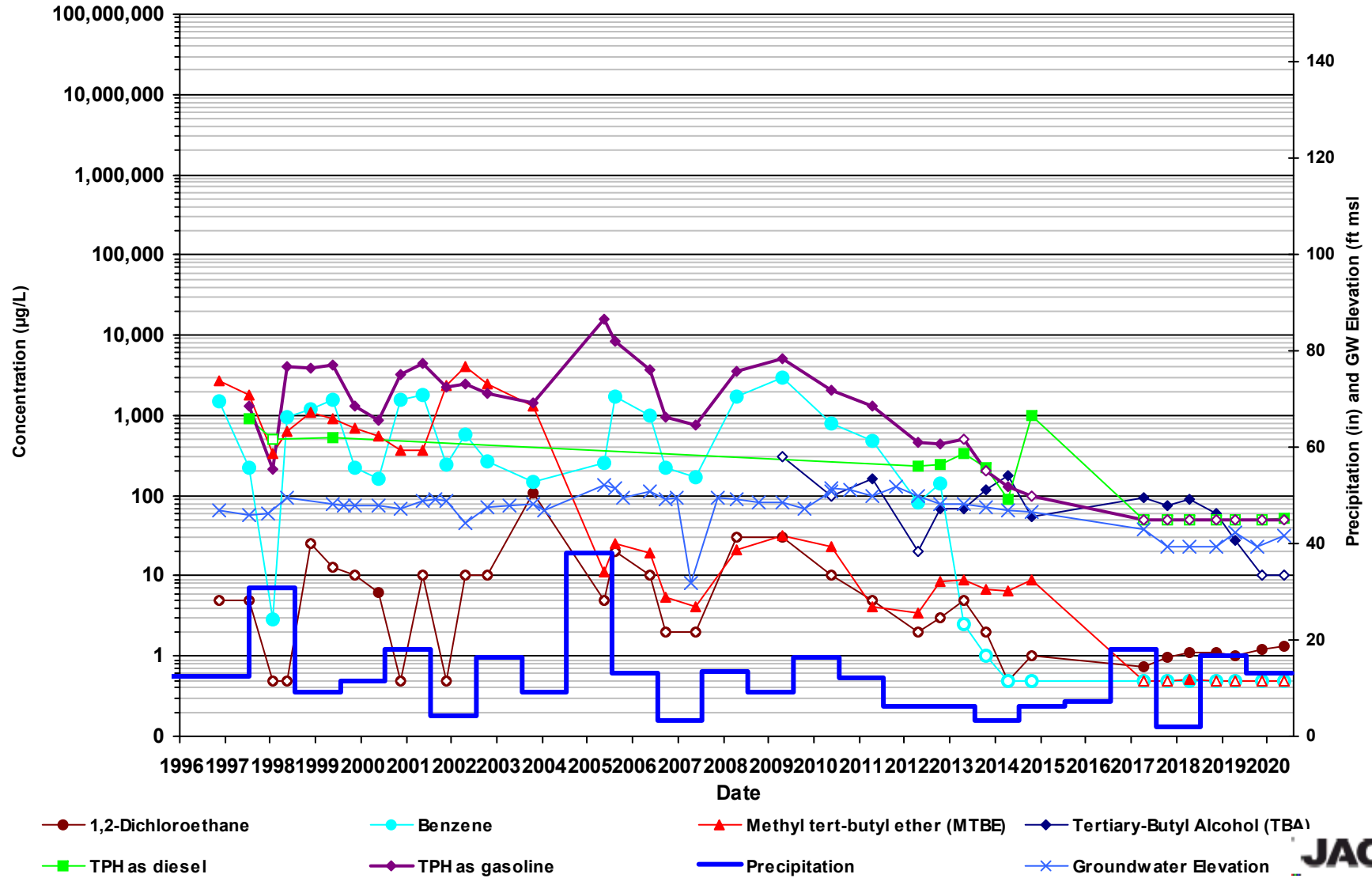
GW-6



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/>

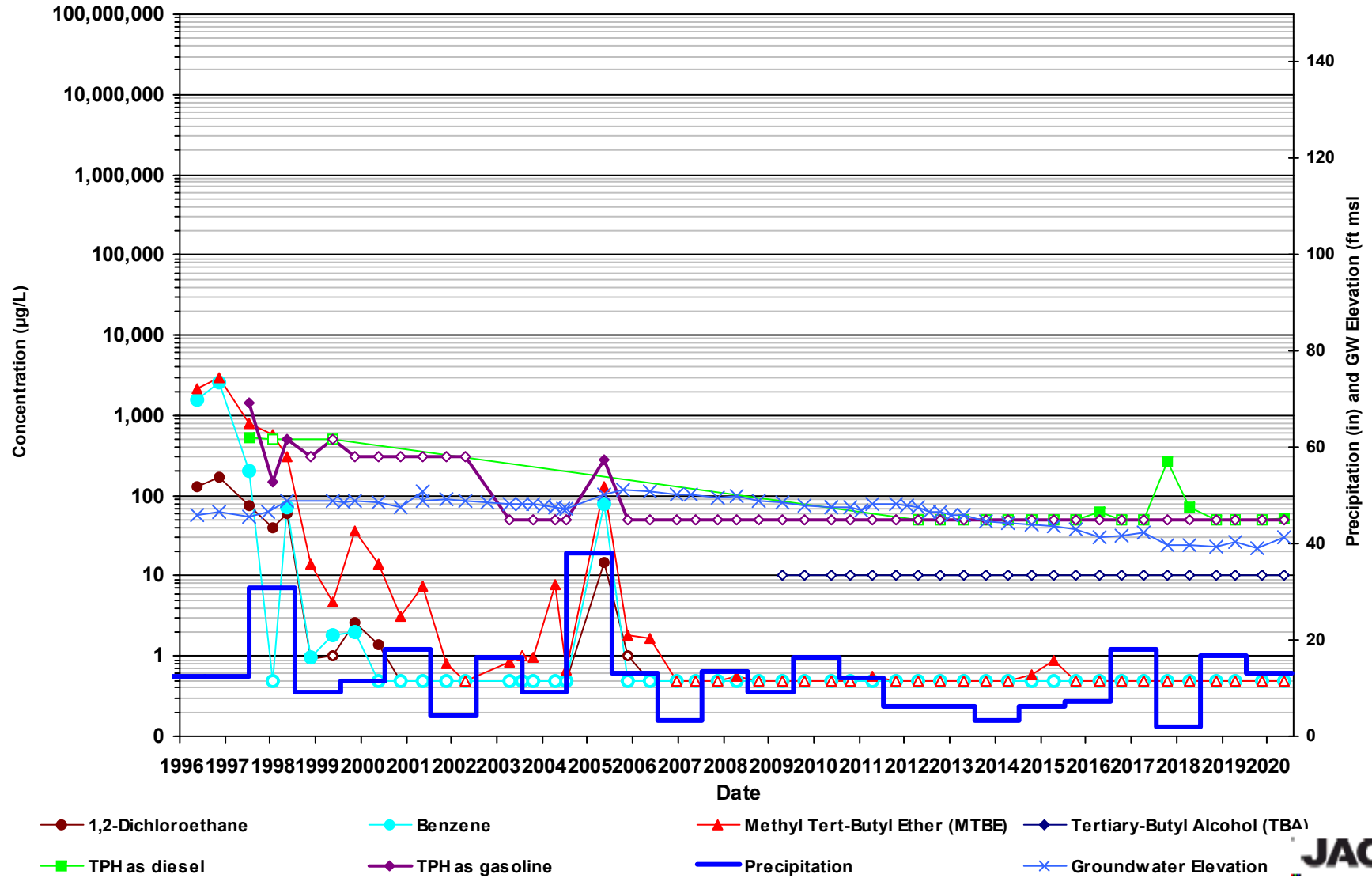
GWR-1



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/>

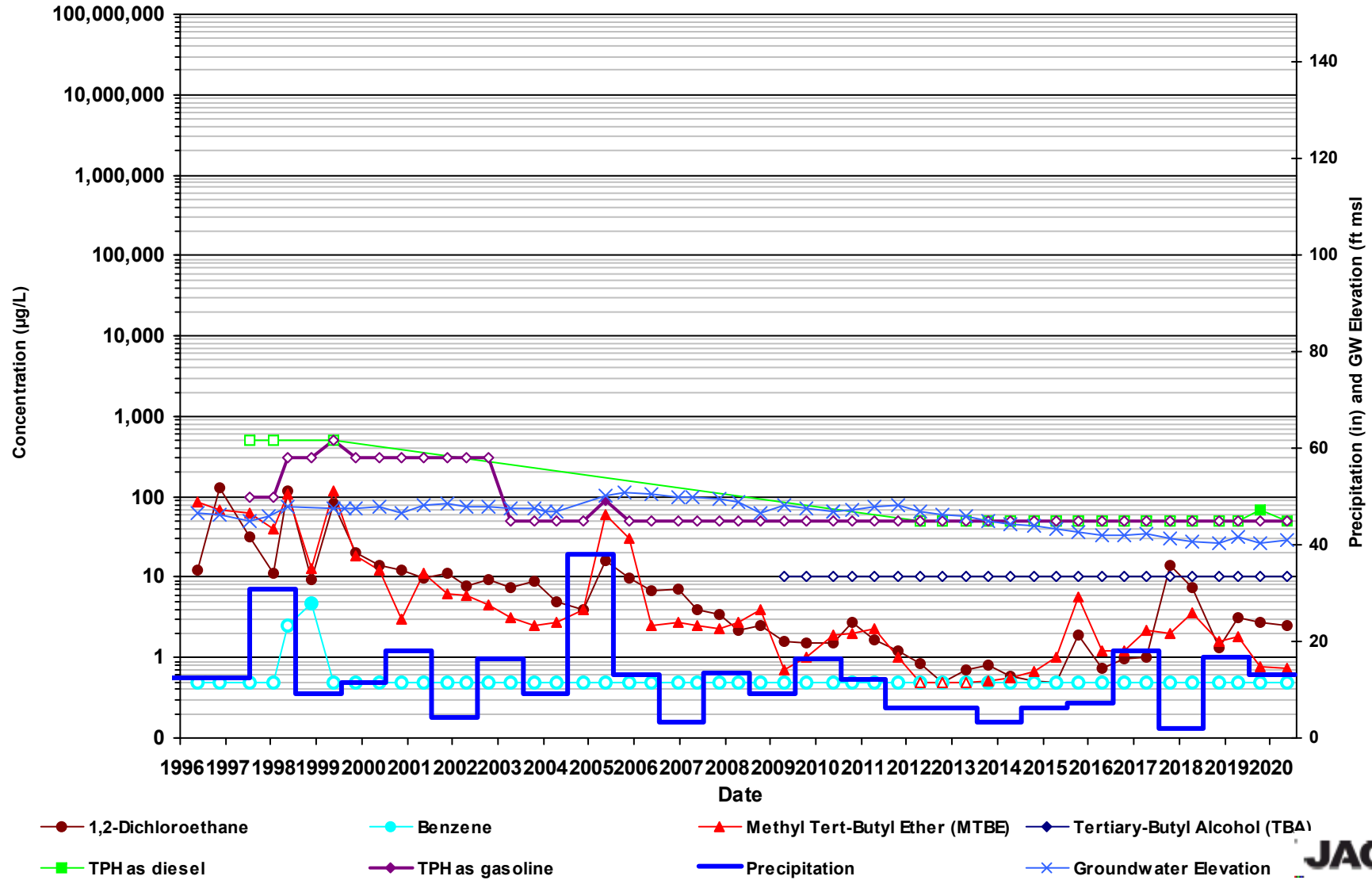
HL-2



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/>

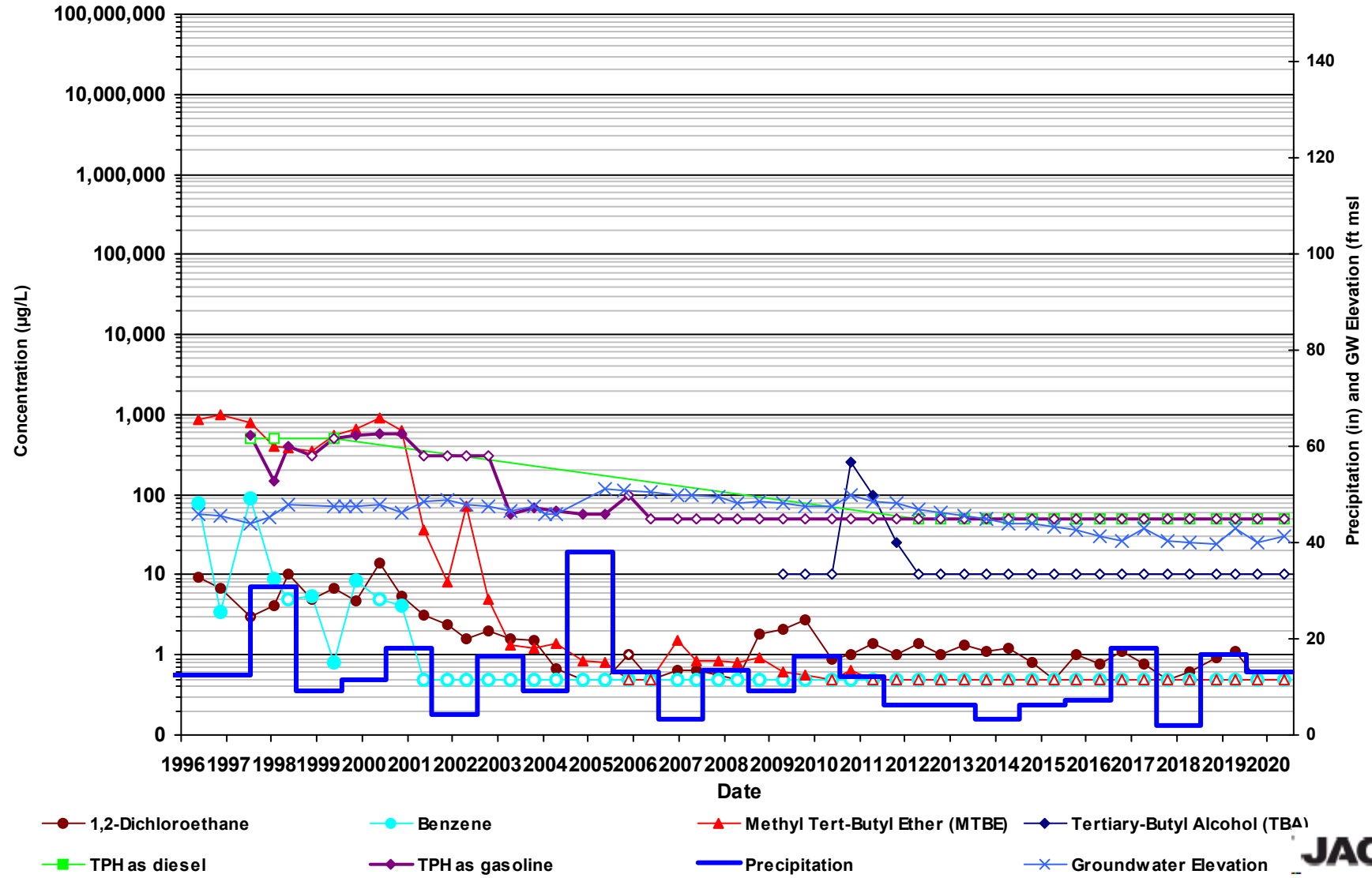
MW-6



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/>

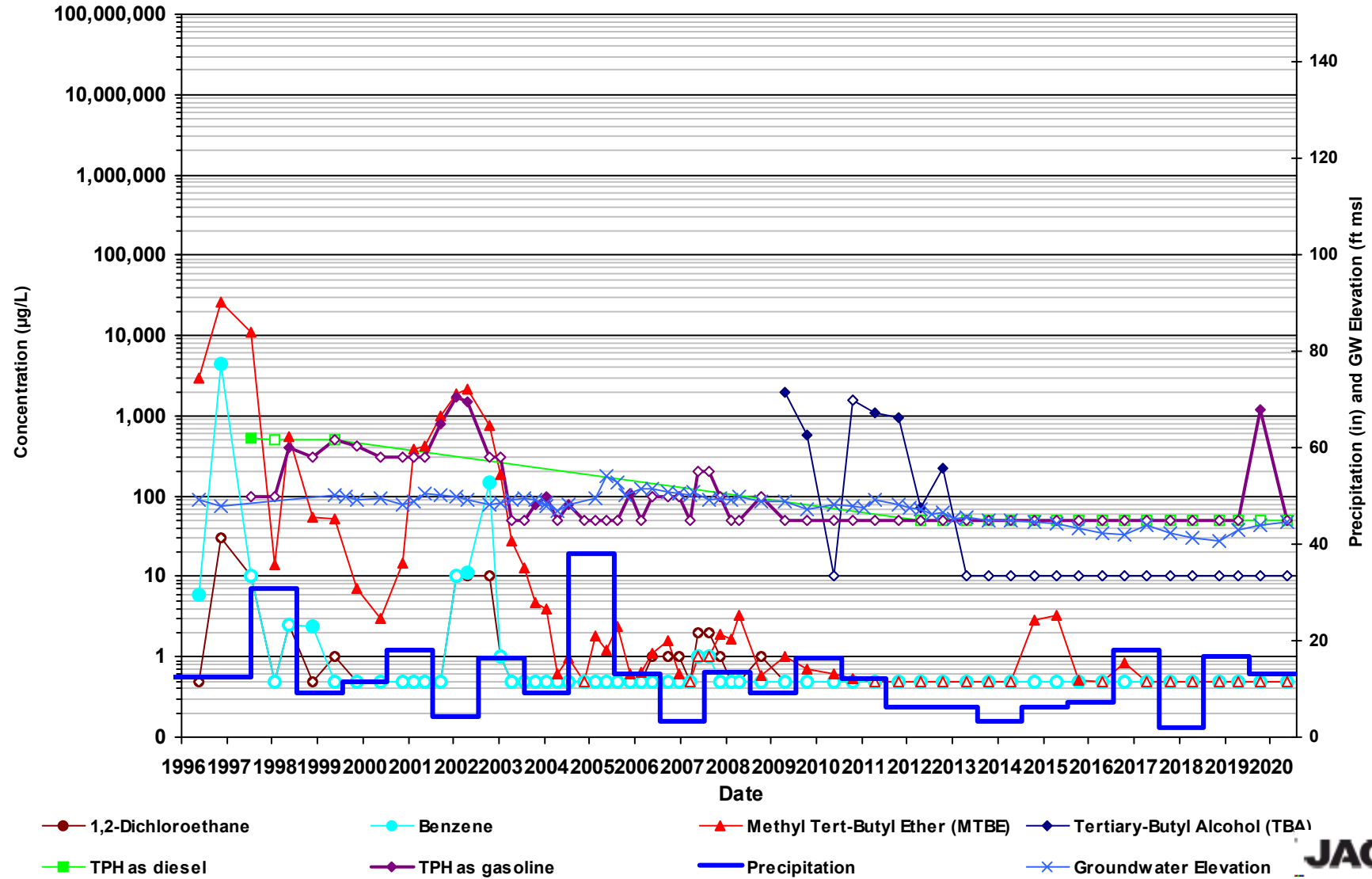
MW-7



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/>

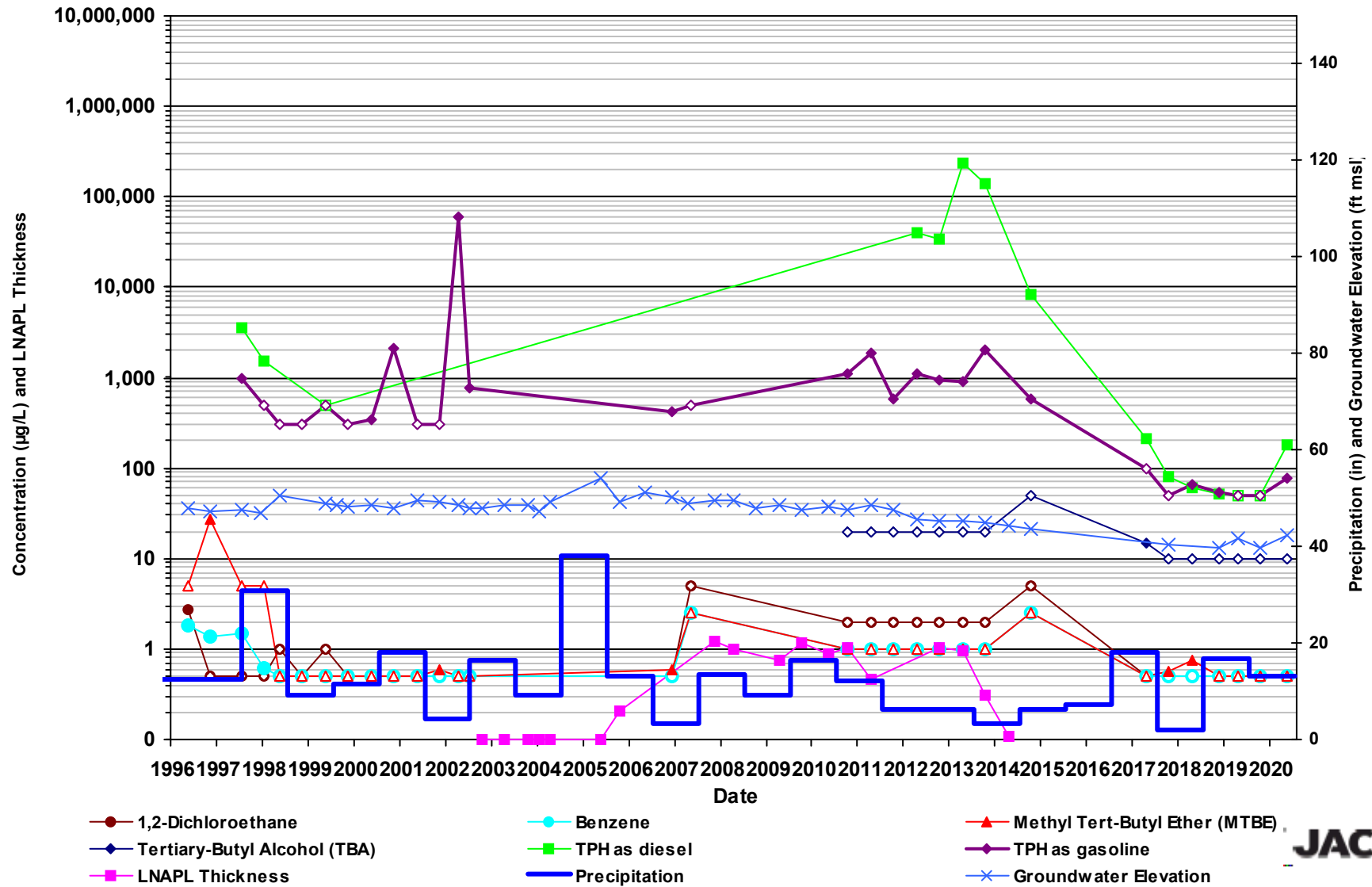
MW-8



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/>

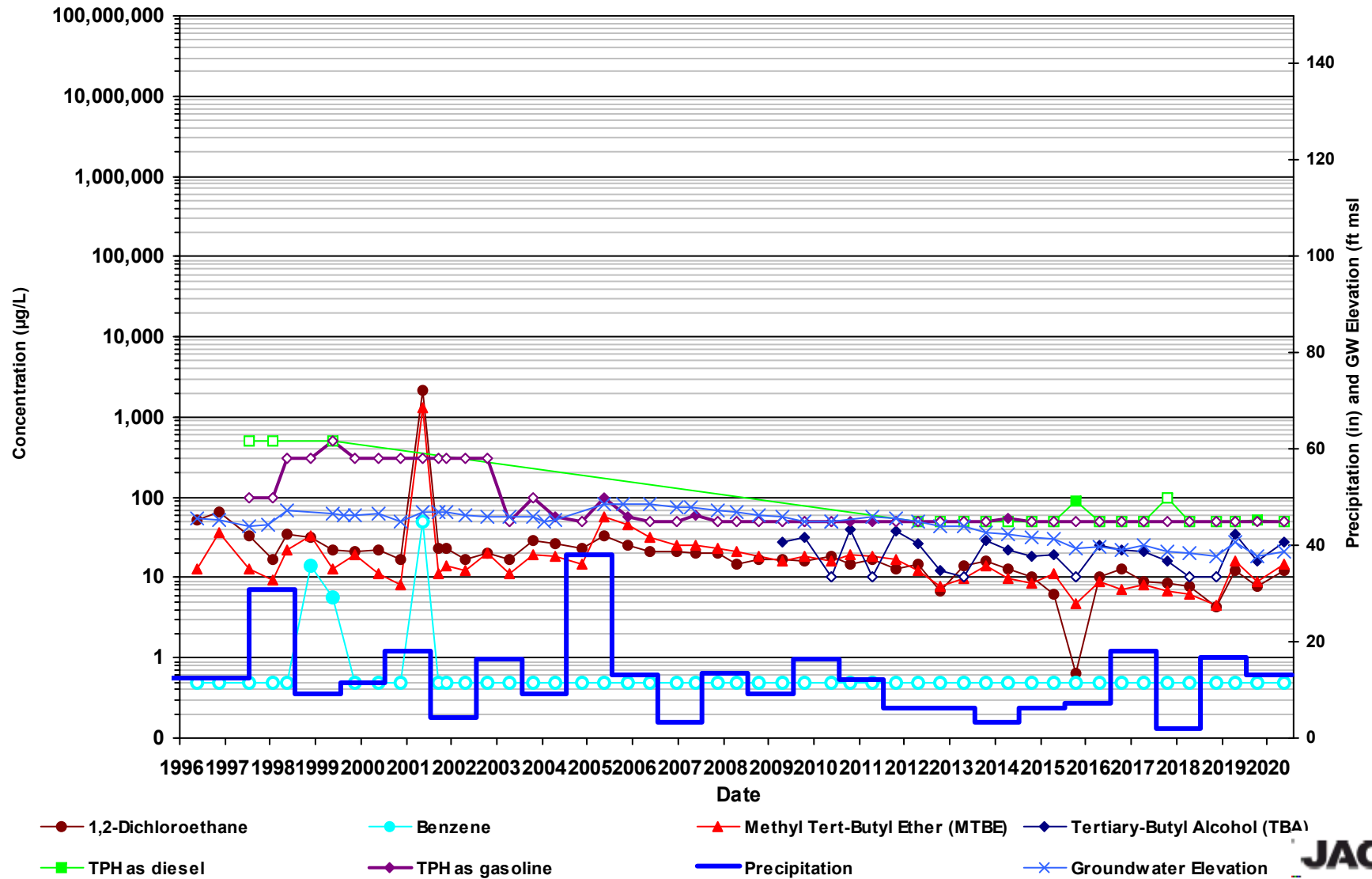
MW-15R



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/>

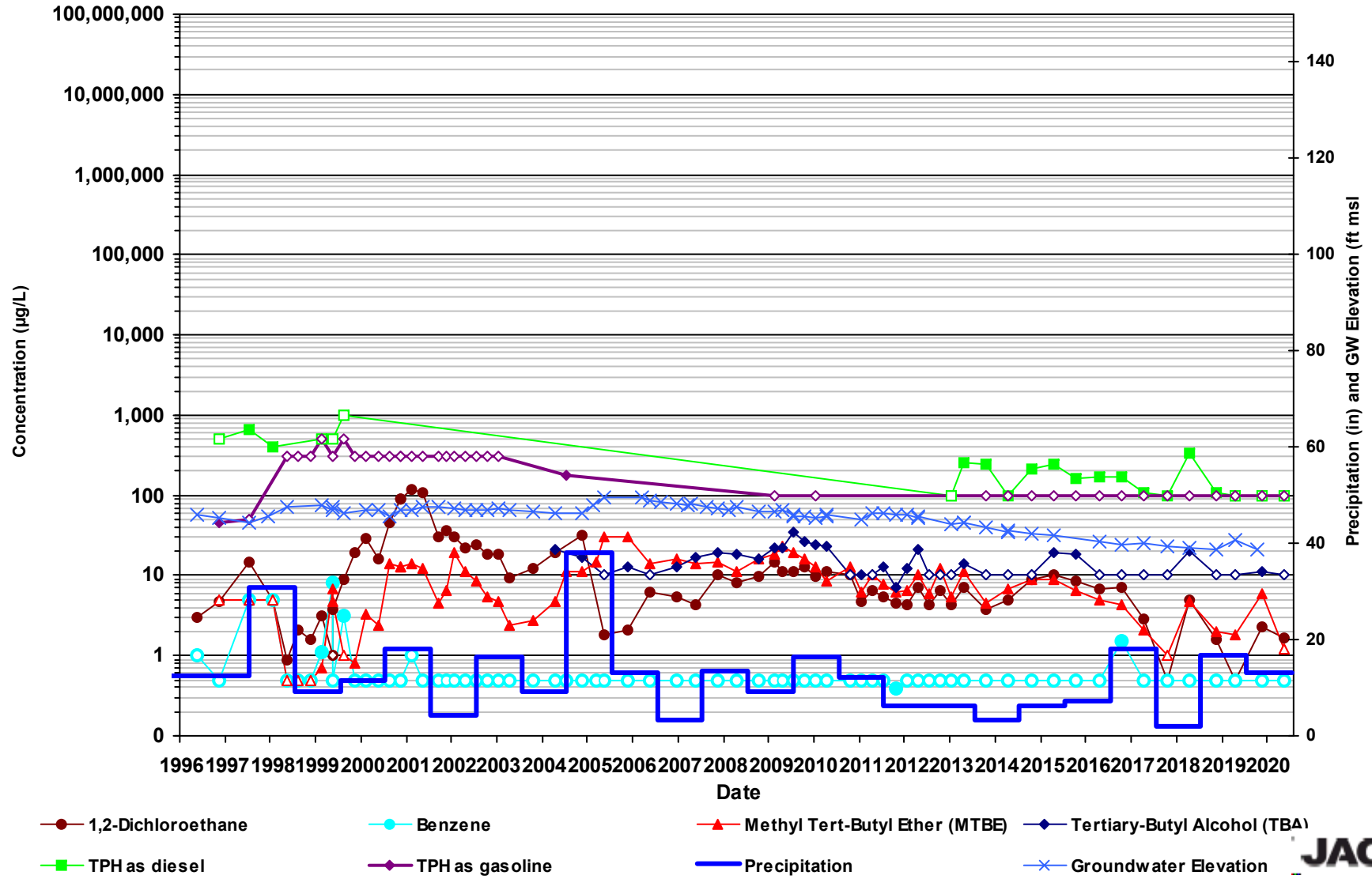
MW-20 (MID)



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/>

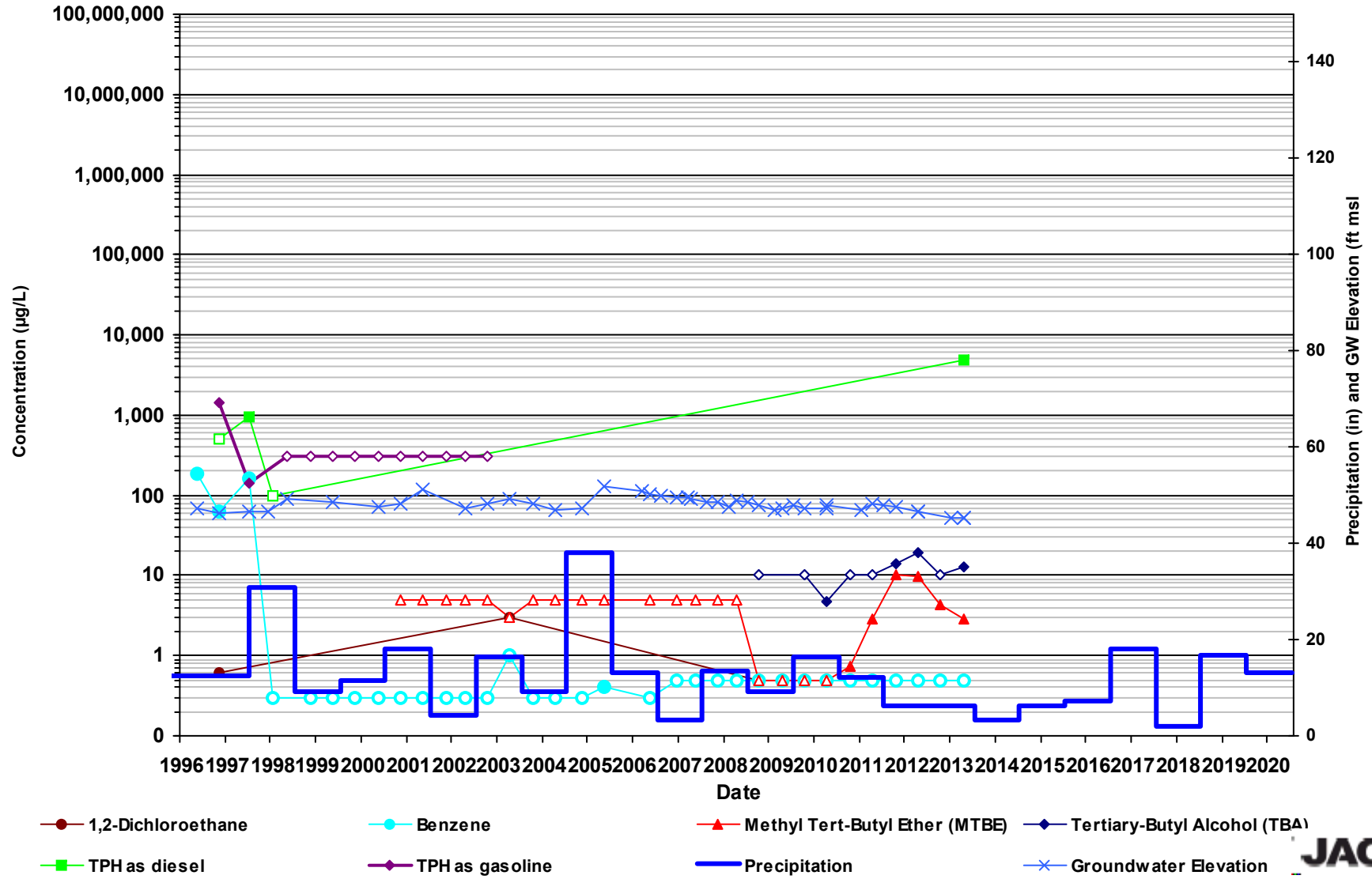
MW-22 (MID)



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/>

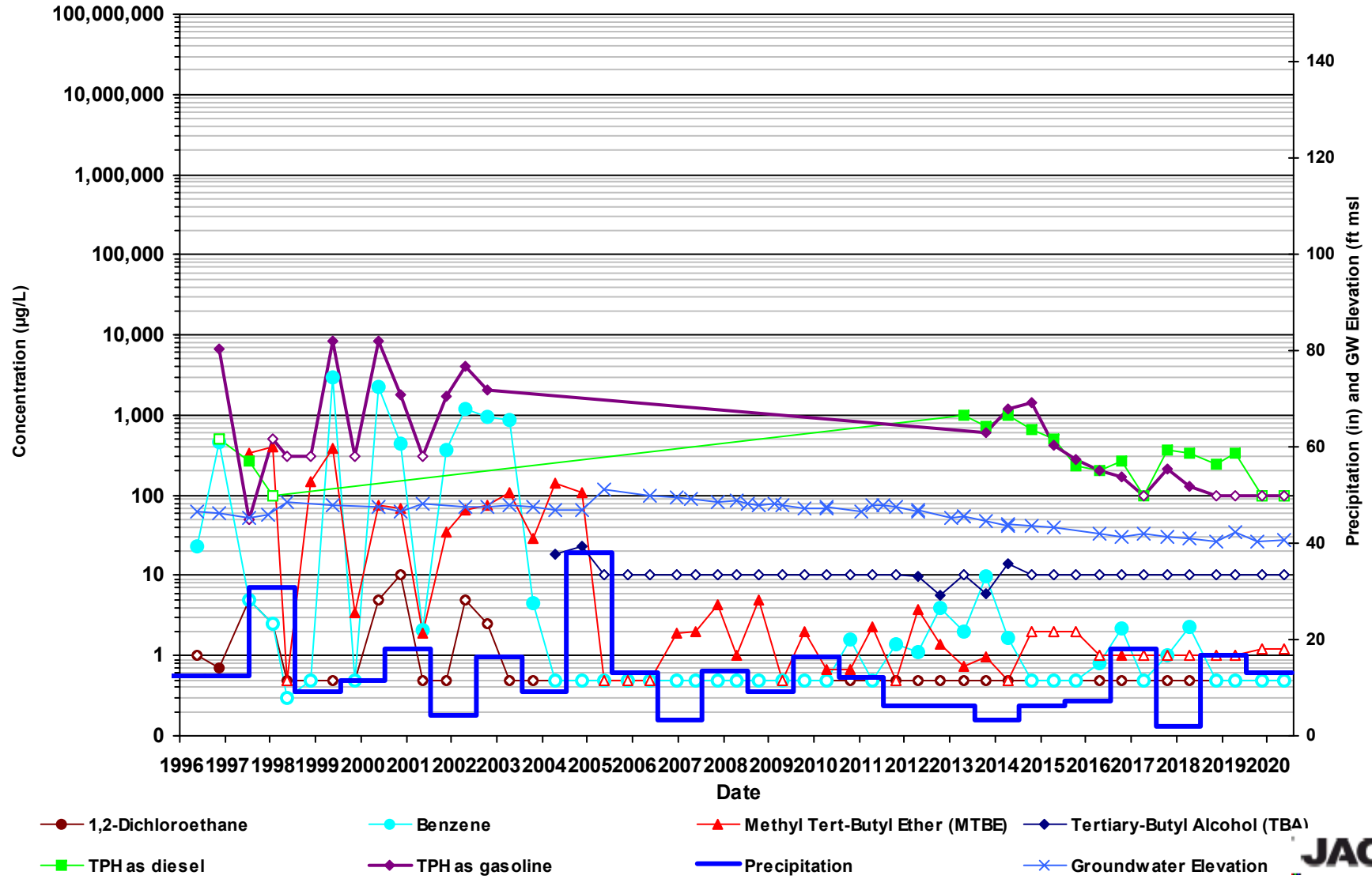
MW-23 (MID)



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/>

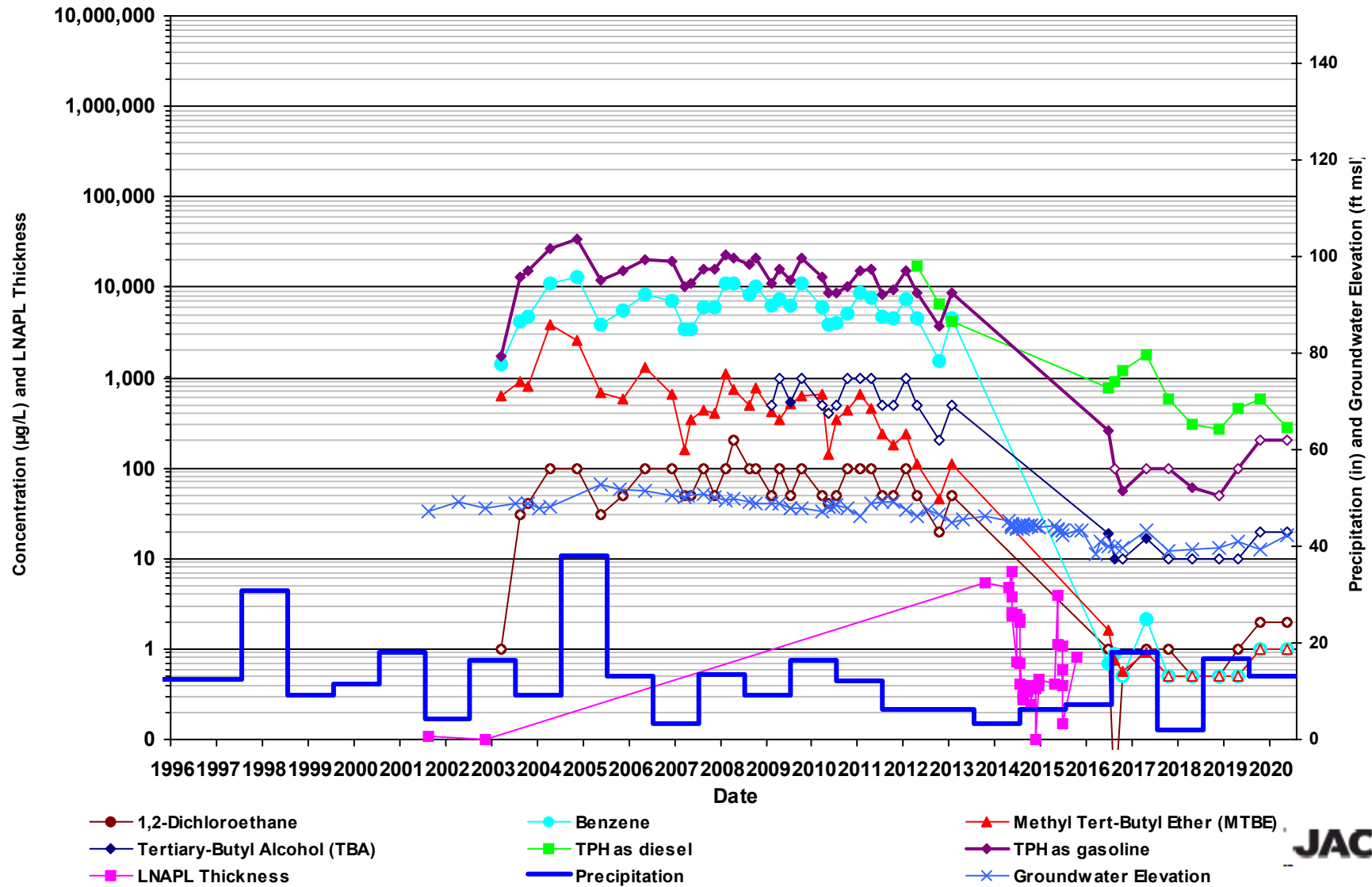
MW-26



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/>

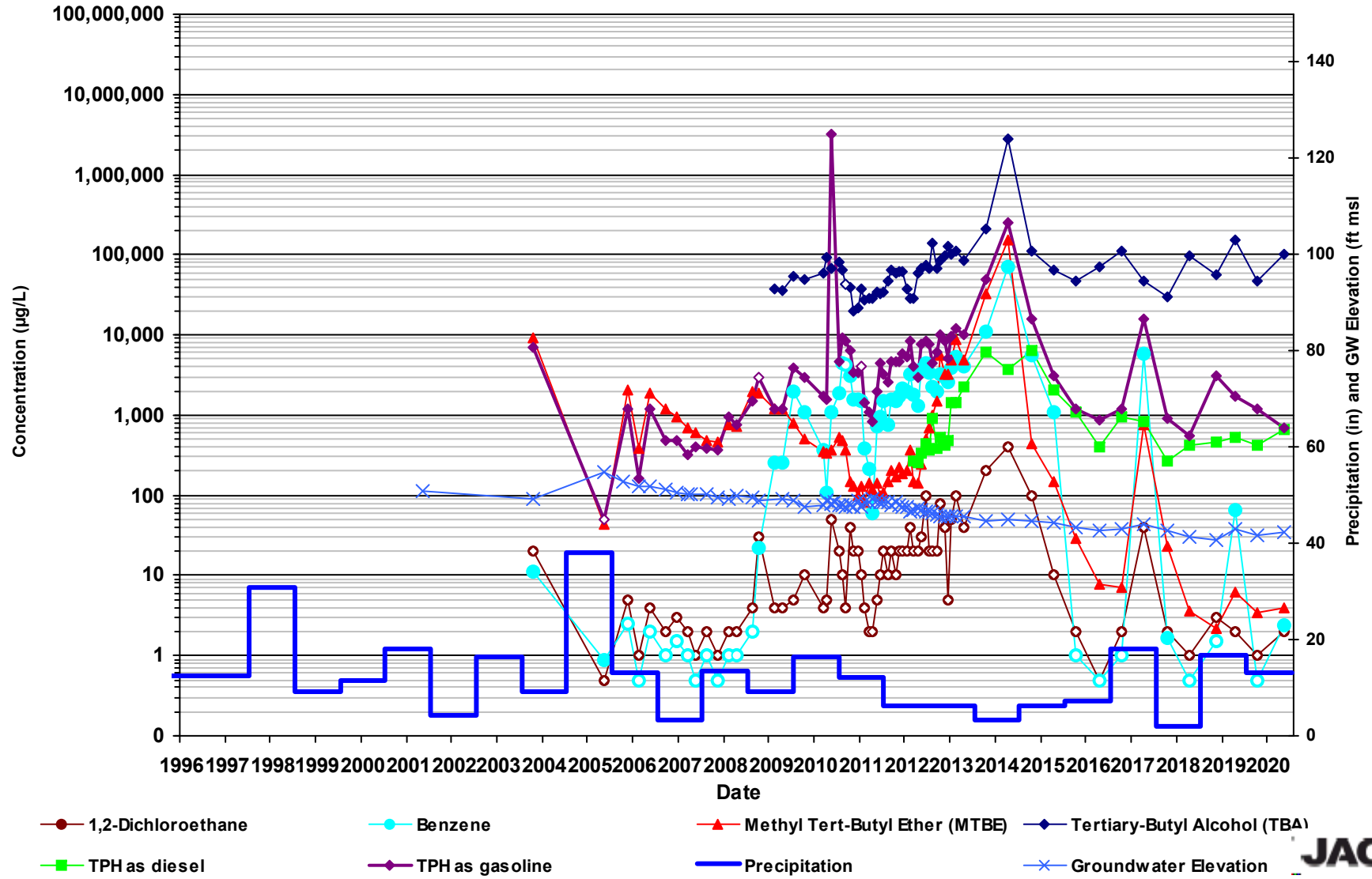
MW-SF-1



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/>

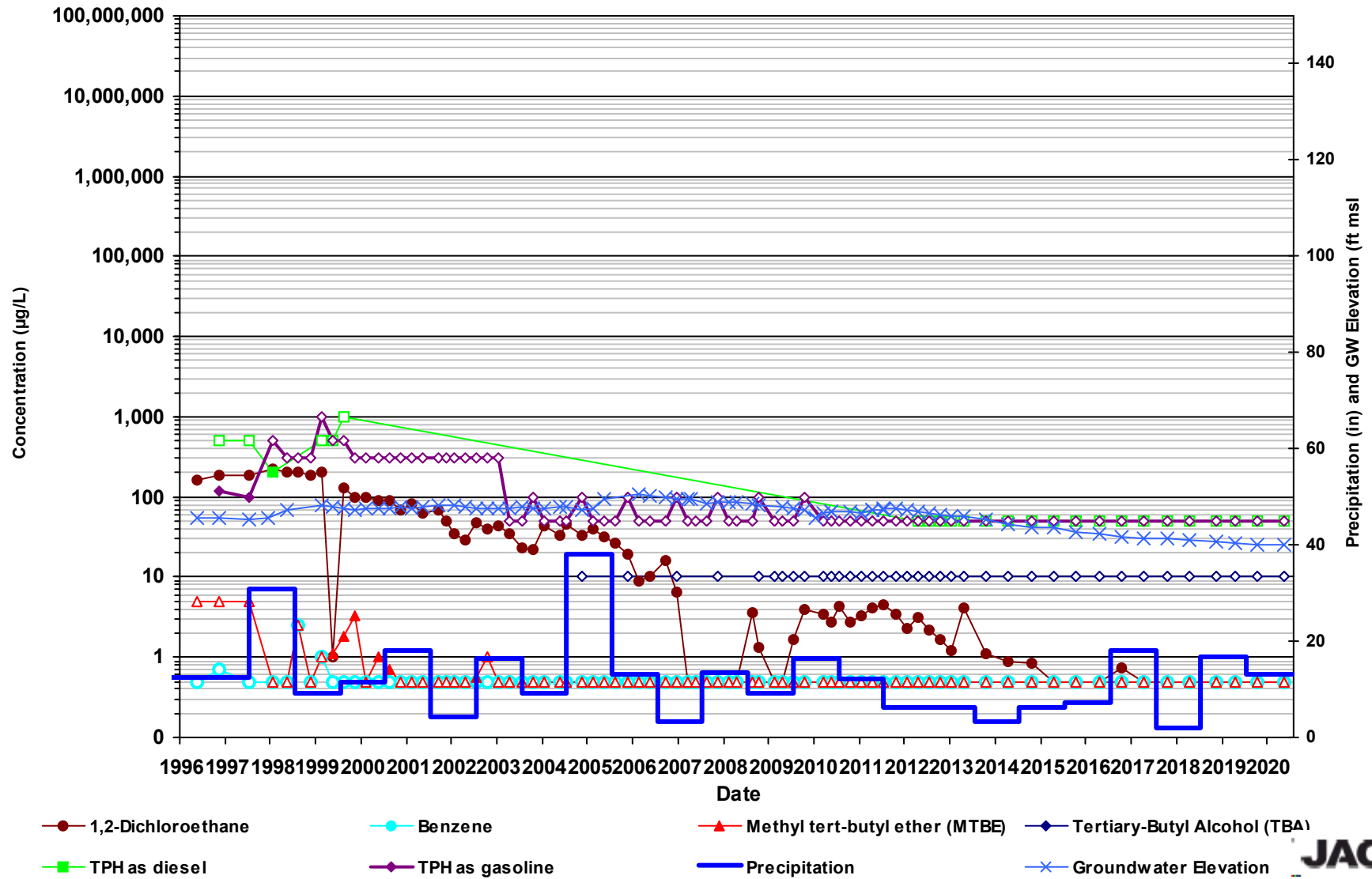
PZ-5



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/>

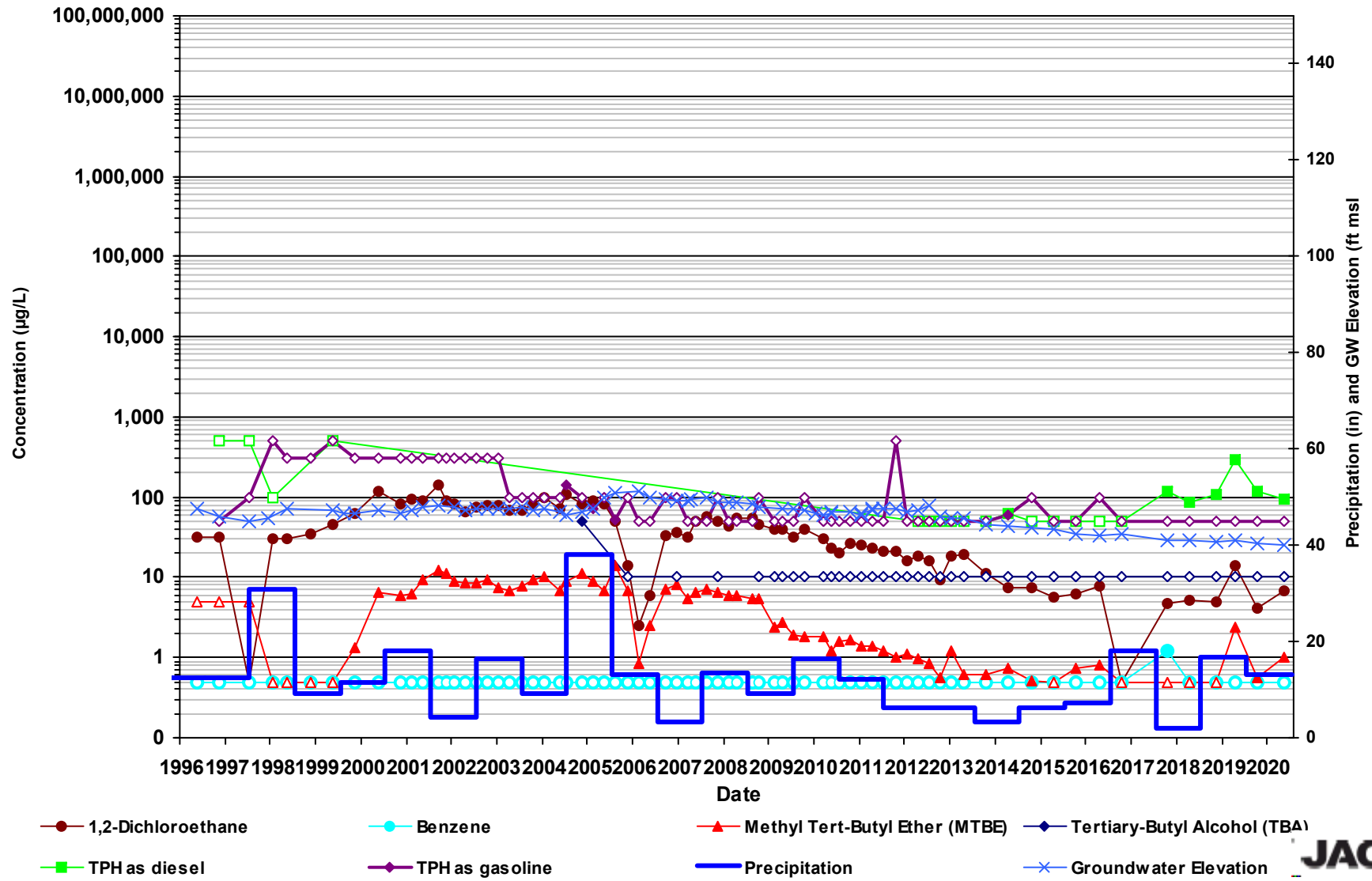
WCW-3



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/>

Appendix F
Data Quality Assurance/Quality Control Report

Data Quality Assurance/Quality Control

Data quality was evaluated by examining the holding times, laboratory method blanks, equipment blanks (EBs), trip blanks (TBs), field duplicates (FDs), surrogate percent recoveries, laboratory control sample/laboratory control sample duplicate (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 129 normal environmental samples, 13 FDs, 17 EBs, and 13 TBs. Samples were collected between May 4 and June 10, 2020. Analyses were performed by Alpha Analytical, Inc., environmental laboratory in Sparks, Nevada, and American Analytics in Chatsworth, California. The sample results were reported as 11 sample delivery groups (SDGs):

Sample Delivery Groups
2005078
2005092
2005099
2005104
2005116
2005122
2006091
A5333521
A5333525
A5333530
A5333540

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
Volatile Organic Compounds (VOCs)	SW8260B
Total Petroleum Hydrocarbons – Diesel (TPH-d)	SW8015C or D
Total Petroleum Hydrocarbons – Gasoline (TPH-g)	SW8015C or D

Data validation flags were assigned using guidance from the EPA National Functional Guidelines for Organic Superfund Methods Data Review (EPA, 2017a) and EPA National Functional Guidelines for Inorganic Superfund Methods Data Review (EPA, 2017b). 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 quality control (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

Thirteen FD sets were collected and analyzed during this reporting period. Comparison of the analytical results for the FD samples and the associated parent samples indicates that the RPD criteria of less than 30 percent were met for all compounds.

Surrogates

All surrogate recovery criteria were met with the following exception:

- Surrogate recovery was greater than the upper control limit in sample TF-23-SGI-051120 for Method SW8015D, indicating the associated sample result is possibly biased low. The associated detected TPH-d result was qualified as estimated and flagged "J".

Laboratory Control Samples

LCS/LCSDs were analyzed as required. All accuracy and precision criteria were met with the following exception:

- The recovery of naphthalene was greater than the upper control limit in an LCS for Method SW8260B, indicating associated sample results are possibly biased high. Two associated detected results were qualified as estimated and flagged "J" in samples GMW-7-SGI-051120 and GMW-45-SGI-051120.

The recoveries of 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,2-dibromoethane, hexachlorobutadiene, n-butylbenzene, p-isopropyltoluene, sec-butylbenzene and trans-1,3-dichloropropene were less than the lower control limit in the LCSs for Method SW8260B, indicating associated sample results are possibly biased low.

Eighty-six associated nondetected results were qualified as estimated and flagged "UJ" in samples DUP-1-SGI-050420, DUP-2-050720, DUP-4-SGI-050720, DUP-5-SGI-050820, GMW-12-SGI-050820, GMW-28-050720, GMW-38-050720, GMW-39-050720, GMW-47-SGI-050820, GMW-48-SGI-050820, GMW-57-SGI-050820, GMW-59-SGI-050820, GMW-61-SGI-050820, GMW-62-SGI-050420, GMW-63-SGI-050420, GMW-64-SGI-050420, GMW-65-SGI-050420, GMW-67-SGI-050420, GMW-69-SGI-050420, GMW-8-051220, GMW-SF-7-050720, GW-15-SGI-050720, GW-3-SGI-050420, HL-2-051220, HL-3-050720, MW-12-051220, MW-18(MID)-051120, MW-19(MID)-050720, MW-20(MID)-050720, MW-21(MID)-050720, MW-26-SGI-050420, MW-29-SGI-050720, MW-6-050720, MW-7-050720, MW-8-050720, MW-SF-1-051220, MW-SF-13-051220, MW-SF-15-051120, MW-SF-4-051220, MW-SF-6-051120, PZ-3-SGI-050820, TF-21-SGI-050820, VEW-5-050720 and WCW-12-051220.

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.

Chain-of-Custody

Each sample was documented in a completed chain-of-custody form 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.